File ID: 2026-00975 6/9/2026

[Contract] Plans and Specifications Approval: Sacramento Last Mile Project Package 1 (A07001800) [Published for 10-Day Review 05/29/2026]

File ID: 2026-00975

Location: District 1, 2, and 4

Recommendation: Pass a **Motion**: 1) approving plans and specifications for the Sacramento Last Mile Project Package 1 (A07001800); 2) awarding a construction contract to HP Communications for the Sacramento Last Mile Project Package 1; 3) authorizing the City Manager or designee to execute the construction contract for the Sacramento Last Mile Project Package 1 (A07001800) with HP Communications for an amount not-to-exceed $3,215,347; 4) authorizing the City Manager or designee to execute a Professional Services Agreement for an amount not-to-exceed $464,323 with HDR Construction Controls Corporation for construction management services for the Sacramento Last Mile project (A07001800); and 5) authorizing the City Manager or designee to execute Supplemental Agreement No. 1 to City Agreement No. 2023-1076 with Bear Electrical Solution, Inc. in an amount not-to-exceed $500,000, for a new total not-to-exceed amount of $3,500,000.

Contact: Adam Randolph, Senior Engineer, (916) 808-7803, arandolph@cityofsacramento.org; Judy Matsui-Drury, Supervising Engineer, (916) 808-7610, jmatsui-drury@cityofsacramento.org; Ofelia Avalos, Engineering Services Manager, (916) 808-5054, oavalos@cityofsacramento.org; Department of Public Works

Presenter: None

Attachments:
1-Description/Analysis
2-Project Plans
3-HP Communications Contract
4-HDR Contract
5-Bear Electrical Solution, Inc. Supplemental Agreement No.1

Description/Analysis
Issue Detail: On September 29, 2023, staff applied for grant funding through the California Public Utilities Commission (CPUC) Last Mile Federal Funding Account (FFA) to implement our "Sacramento Last Mile Connectivity Project" to connect underserved communities to affordable

broadband infrastructure. The underserved locations were selected based on criteria established by the CPUC's FFA program while overlaying the City network with the FFA Public Map, which identifies areas at the census block level lacking reliable broadband service of at least 25 Mbps downstream and 3 Mbps upstream. On September 13, 2024, the City received an award letter for $38,696,843 after the CPUC voted and approved the grant award in Resolution T-17835.

On October 15, 2024, the City Council adopted Resolution 2024-0309 authorizing staff to accept the Last Mile Connectivity Grant (G07000200) from the CPUC to expand internet access for underserved communities in Sacramento. Throughout California these communities face many barriers to deploying resilient and accessible broadband networks. On March 25, 2025, to appropriately reflect the capital improvements aspect of this project, City Council approved the establishment of a Capital Improvement Project and the transfer of the budget from the Last Mile Connectivity Grant (G07000200) to Last Mile Connectivity Project (A07001800). The Sacramento Last Mile Project will be delivered in five construction packages.

The Sacramento Last Mile Project Package 1 was advertised for construction, and three bids were received on March 11, 2026. Upon bid analysis, all bidders were found to be non-responsive. On April 28, 2026, City Council approved the suspension of competitive bidding, and authorized staff to negotiate with HP Communications.

Construction of this project will require construction management services. A competitive procurement process for construction management and inspection services was performed, and staff recommends the selection of HDR Construction Control Corporation.

The delivery of this project will also require repairs of existing municipal communications infrastructure. To perform these repairs, staff used the City's On-Call contractor services list to issue a task order with Bear Electrical Solutions.

Council approval is needed to: approve plans and specifications; award and execute the agreements with HP Communications and HDR Construction Control Corporation; authorize a supplemental agreement with Bear Electrical Solutions; and proceed with construction.

Policy Considerations: This initiative aligns with the Information Technology Department’s Digital Strategy Update 2024-2025 document that includes expanded broadband to underserved communities as a key initiative goal. Investment in infrastructure will strategically position the City for the next economy. The City stands to receive significant short- and long-term economic gains from this Public Private Partnership.

Sacramento City Code Section 4.04.020 and Council Rules of Procedure (Chapter 7, Section E.2.d) mandate that unless waived by a 2/3 vote of the City Council, all labor agreements and all agreements greater than $1,000,000 shall be made available to the public at least ten (10) days prior

to council action. This item was published for 10-day review on May 29, 2026, in compliance with the City Code.

Economic Impacts: None.

Environmental Considerations:
California Environmental Quality Act (CEQA): The project is consistent with the 2040 General Plan and certified Master EIR (Resolution No. 2024-0065) and is categorically exempt. The infrastructure installation project involves existing small structures and minor alterations to land, including minor trenching and backfilling where the surface is restored as described in sections 15301, 15303, and 15304 (f) of the CEQA Guidelines (14 C.C.R. §§ 15000, et seq.).

Sustainability: Under Phase 1 of the City of Sacramento's Climate Action Plan, all applicable "Green" technology initiatives have been considered prior to the purchase of IT cabling and wiring services.

Commission/Committee Action: None.

Rationale for Recommendation: Sacramento Last Mile Project Package 1 will achieve the goals of CPUC's FFA Program to connect underserved communities to affordable broadband infrastructure. Construction of the Project allows the City to achieve the deliverables and meet the requirements of the Last Mile Connectivity Project.

The Sacramento Last Mile Project Package 1 was advertised for construction, and three (3) bids were received March 11, 2026. All bidders were found to be non-responsive. On April 28, 2026, City Council approved the suspension of competitive bidding and authorized staff to negotiate with HP communications. The HP Communications bid was deemed non-responsive due to failing to provide a price for the bid-alternate items. Staff obtained prices for bid-alternate items and have determined that there is not adequate budget to award the bid alternate items. Staff recommends awarding HP Communications the base bid package for the Sacramento Last Mile Project Package 1 for an amount not to exceed $3,215,347.

Construction of this project also requires construction management services including a trained Resident Engineer. A competitive procurement for construction management and inspection was performed and HDR Construction Control Corporation was selected as the firm to provide these services for all construction packages of the Sacramento Last Mile Project.
To perform needed repairs of the City's existing city communications infrastructure related to the Sacramento Last Mile Project, City staff issued a task order from Bear Electrical Solutions on the City's On-Call contractor services for traffic signal maintenance, repair, and modification (City Agreement No. 2023-1076). To complete these repairs, as well as to ensure there is adequate authority remaining in the agreement for traffic signal maintenance, staff recommends execution of

Supplemental Agreement No. 1 to City agreement No. 2023-1076 with Bear Electrical Solutions, increasing Agreement's total not-to-exceed amount to $3,500,000.

Financial Considerations: There is sufficient funding (Federal Capital Grant, Fund 3703) in the Last Mile Connectivity Project (A07001800) to fund both the construction and construction management contracts. The City adopted Resolution No. 2024-0309 accepting the Last Mile Grant with the CPUC to receive funding and reimbursement for the fiber installations.

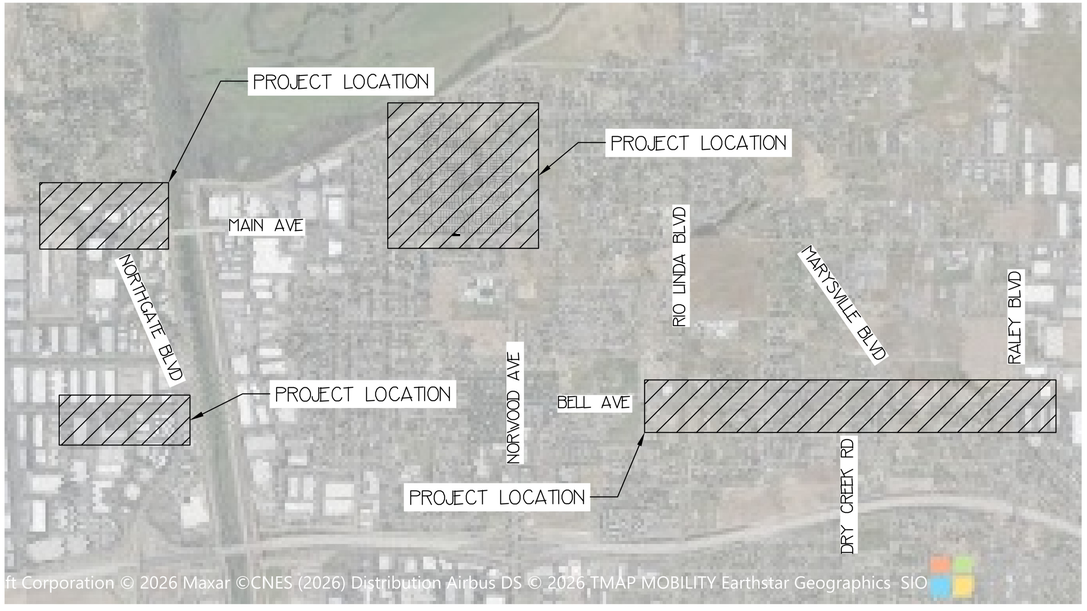
The costs expended under the Bear Electrical contract will be paid by the project or program that creates an individual task order and is not required to be separately funded.

Local Business Enterprise (LBE): Because the project is federally funded with American Rescue Plan Act (ARPA) funds, Local Business Enterprise requirements are held in abeyance.

IMPROVEMENT PLANS FOR
LAST MILE – CONDUIT FEEDER LINES
NORTHPOINTE
CITY OF SACRAMENTO

GENERAL NOTES

1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS, DATED JUNE, 2007. THE CONTRACTOR SHALL OBTAIN AND USE ALL APPLICABLE ADDENDUMS.
2. THE CONTRACTOR SHALL BE IN RECEIPT OF CITY ACCEPTED PLANS PRIOR TO BEGINNING CONSTRUCTION WITHIN THE STREET RIGHT-OF-WAY. ACCEPTANCE OF PLANS BY THE CITY OF SACRAMENTO IS BASED ON THE ASSUMPTION THAT THE INFORMATION CONTAINED ON THE PLANS AND SUPPORTING DOCUMENTS IS CORRECT, AND DOES NOT SUBROGATE THE DESIGN ENGINEER'S RESPONSIBILITY FOR THIS PROJECT. ANY AND ALL ERRORS AND OMISSIONS ARE THE RESPONSIBILITY OF THE DESIGN ENGINEER.
3. CONTACT THE CITY OF SACRAMENTO CONSTRUCTION SECTION AT 808-8300 TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF AND REPAIR OF DAMAGE TO THEM. CONTACT UNDERGROUND SERVICE ALERT 1-800-642-2444, 48 HOURS BEFORE WORK IS TO BEGIN.
5. RESPONSIBILITY FOR FINAL ACCEPTANCE OF LINE AND GRADE BY THE CITY OF SACRAMENTO WILL BE ASSUMED ONLY IF CONSTRUCTION STAKES ARE SET BY THE CITY SURVEY CREWS OR THEIR DESIGNATED REPRESENTATIVE. CITY WILL SET CONSTRUCTION STAKES ONLY IF SO INDICATED ON THE "NOTICE TO PROCEED" WITH CONSTRUCTION ISSUED FOR THIS PROJECT. CONTACT CITY OF SACRAMENTO CONSTRUCTION SECTION TWO (2) WORKING DAYS IN ADVANCE FOR CONSTRUCTION STAKES WITHIN PUBLIC RIGHT-OF-WAY.
6. FOR ALL TRENCH EXCAVATIONS 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY (2424 ARDEN WAY, SUITE 165, SACRAMENTO --PHONE 916-263-2800) PRIOR TO BEGINNING ANY EXCAVATION. A COPY OF THIS PERMIT SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND FURNISH, INSTALL, AND MAINTAIN TEMPORARY SIGNS, BRIDGES, BARRICADES, FLAGMEN, AND OTHER FACILITIES TO ADEQUATELY SAFEGUARD THE GENERAL PUBLIC AND WORK, AND TO PROVIDE FOR THE PROPER ROUTING OF VEHICULAR AND PEDESTRIAN TRAFFIC. CONSTRUCTION OPERATIONS SHALL COMPLY WITH THE WORK AREA AND TRAFFIC CONTROL HANDBOOK (WATCH). THE CONTRACTOR SHALL PROVIDE TO THE CITY TRAFFIC ENGINEER FOR REVIEW, A PLAN SHOWING TRAFFIC CONTROL MEASURES AND/OR DETOURS FOR VEHICLES AFFECTED BY THE CONSTRUCTION WORK. THE APPROVED PLAN SHALL BE DELIVERED TO THE CONSTRUCTION INSPECTOR PRIOR TO THE IMPLEMENTATION OF TRAFFIC CONTROL MEASURES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING RECORD DRAWINGS FOR ALL WORK THROUGHOUT THE COURSE OF CONSTRUCTION. SUCH DRAWINGS SHALL RECORD THE LOCATION AND GRADE (CITY DATUM) OF ALL UNDERGROUND IMPROVEMENTS CONSTRUCTED AND SHALL BE DELIVERED TO THE CONSTRUCTION INSPECTOR PRIOR TO, AND IN CONSIDERATION, OF THE CITY'S ACCEPTANCE OF WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS OR MARKERS DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE AND SEWER FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE AND SEWER IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
11. IF UNUSUAL AMOUNTS OF BONE, STONE OR ARTIFACTS ARE UNCOVERED, WORK WITHIN 50 METERS OF THE AREA SHALL CEASE IMMEDIATELY AND A QUALIFIED ARCHAEOLOGIST SHALL BE CONSULTED TO DEVELOP, IF NECESSARY, MITIGATION MEASURES TO REDUCE ANY ARCHAEOLOGICAL IMPACT TO A LESS THAN SIGNIFICANT EFFECT BEFORE CONSTRUCTION RESUMES IN THE AREA.
12. COST TO REMOVE AND REPLACE EXISTING PAVEMENT OVER UTILITY LINE TRENCHES SHALL BE INCLUDED IN THE BID PRICE. TRENCHES SHALL BE BACKFILLED AND PAVEMENT SHALL BE REPLACED PER CITY DETAIL T-80. PAVEMENT SHALL BE REPLACED IN KIND (MINIMUM OF 4"AC ON 12"AB) AS DETERMINED IN THE FIELD BY THE CITY INSPECTOR. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE RESTORED (IN THERMOPLASTIC).
13. PAVEMENT REPAIR NECESSARY DUE TO SUBSIDENCE RESULTING FROM TRENCH FAILURE OR OTHER DEFECTS IN WORKMANSHIP SHALL CONSIST OF KEY CUTTING AND OVERLAYING BETWEEN THE TWO NEAREST INTERSECTIONS, AS DETERMINED BY THE CITY INSPECTOR.
14. PIPE AND MANHOLE DIMENSIONS ARE TO THE CENTERLINE, UNLESS NOTED OTHERWISE.
15. AGGREGATE SUBBASE SHALL CONFORM TO CALTRANS SPECIFICATIONS DATED: JULY, 1992 A.S.B., SECTION 25.
16. IF WORK SHOWN ON THESE PLANS HAS NOT COMMENCED WITHIN TWO YEARS FROM THE DATE OF THE CITY'S ACCEPTANCE OF THE PLANS, A SUBSEQUENT PLAN REVIEW AT THE CITY'S DISCRETION AND THE DEVELOPER'S EXPENSE MAY BE NECESSARY.
17. CONTRACTOR SHALL COMPLY WITH THE CITY OF SACRAMENTO ADMINISTRATIVE AND TECHNICAL PROCEDURES MANUAL FOR GRADING/EROSION AND SEDIMENT CONTROL.
18. CONSTRUCT SURVEY MONUMENT WELL PER STD. DWG. T-350 AT LOCATIONS INDICATED ON THE FINAL MAP.
19. CONCRETE RESTORATION: COLOR OF NEW CONCRETE SHALL MATCH ADJACENT EXISTING CONCRETE BY ADDING LAMP BLACK.
20. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
21. THE EXACT WIDTH OF EXISTING PAVEMENT TO BE SALVAGED SHALL BE DETERMINED IN THE FIELD BY THE CONSTRUCTION SECTION.
22. EXISTING ASPHALT PAVEMENT SHALL BE CUT TO A NEAT STRAIGHT LINE. THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING.
23. THE EXACT LIMITS OF PAVEMENT OVERLAY SHALL BE DETERMINED IN THE FIELD BY THE CONSTRUCTION SECTION.
24. EXACT LIMITS OF CURB AND GUTTER, SIDEWALK, DRIVEWAY, AND PAVEMENT REMOVAL AND RECONSTRUCTION SHALL BE DETERMINED IN THE FIELD BY THE CONSTRUCTION SECTION.
25. SIX INCH (6") PERFORATED TUBING USED FOR SUBDRAINS SHALL BE CORRUGATED POLYETHYLENE TUBING CONFORMING TO ASTM F405 AND SHALL BE INSTALLED WHERE SHOWN ON THE PLANS WITH SLOPE TO MATCH GUTTER FLOW LINE. TUBING SHALL BE INSTALLED 2'-0" MINIMUM BELOW GUTTER FLOW LINE.



LOCATION MAP
NOT TO SCALE

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13 TRUNK LAYOUT (6 OF 8)
14 TRUNK LAYOUT (7 OF 8)
15 TRUNK LAYOUT (8 OF 8)
16 DETAILS (1 OF 2)
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ACCEPTED BY: _____ Digitally signed by Adam Randolph Date: 2026.02.13 07:28:55-08'00'
ADAM RANDOLPH R.C.E 75035
SENIOR ENGINEER
DEPARTMENT OF PUBLIC WORKS

ACCEPTED BY: _____ Digitally signed by Pedro Sanchez DN: CN=Pedro Sanchez, OU=Technical Support Services, OU=IT, OU=COFS, DC=cityofsacramento, DC=org Date: 2026.02.13 08:21:20-08'00'
PEDRO SANCHEZ
TELECOMMUNICATIONS ENGINEER
DEPARTMENT OF INFORMATION TECHNOLOGY

811 SAFETY IS IN YOUR HANDS. EVERY DIG. EVERY TIME.

UTILITY REPRESENTATIVES			
UTILITY	AGENCY	REPRESENTATIVE	PHONE
GAS	P.G.&E.	STEPHEN JONES	(916)298-9758
ELECTRICITY	S.M.U.D.	EDWARD OWEN	(916)366-3212
TELEPHONE	PACIFIC BELL	LEE NIETO	(916)505-7308
WATER	CITY OF SAC.	EDGAR BAZAN YA HER	(916)808-6847
SEWER	COUNTY OF SAC.	EDGAR SCHOLTZ	(916)876-6065
SEWER	CITY OF SAC.	EDGAR BAZAN YA HER	(916)808-6847
DRAINAGE	CITY OF SAC.	SIMON VAN	(916)808-4023
FIRE DISTRICT	CITY OF SAC.	KING TUNSON	(916)808-1358
CABLE T.V.	AT&T BROADBAND	N/A	N/A
U.S.A.	N/A	N/A	1-800-642 2444

REVISIONS

NO.	DESCRIPTION	DATE	BY
1			
2			
3			
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5			

BENCH MARK ELEV. _____
DESCRIPTION _____

FIELD BOOK X
SCALE
HORIZ. NA
VERT. NA

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
COVER SHEET

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 1 OF 18

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GENERAL NOTES (CONT.)

26. FILTER FABRIC USED FOR SUBDRAINS SHALL CONFORM TO CALTRANS SPECIFICATIONS DATED JULY, 1992, SECTION 88. FABRIC LINING TO BE COMPLETELY AROUND TUBING TRENCH AND COMPLETELY OVERLAPPED ON THE TOP SIDE OF TRENCH.
27. CONSTRUCT SURVEY MONUMENT WELL PER STD. DWG. CE6 AT LOCATIONS INDICATED ON THE FINAL MAP.
28. COMPACTION OF TRENCH BACKFILL BY MEANS OF JETTING IS NOT PERMITTED WITHIN THE CITY OF SACRAMENTO UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CITY ENGINEER.
29. GUTTER SLOPES FROM FLOWLINE TO LIP SHALL BE FIVE PERCENT BETWEEN ROUND CORNER CURB RETURNS. THE FIVE PERCENT SLOPED SHALL BE TRANSITIONED TO THE STANDARD GUTTER SLOPE OVER A DISTANCE OF THREE TO FIVE FEET, AS DIRECTED IN THE FIELD BY RESIDENT ENGINEER. THE GUTTER SLOPE ADJACENT TO HANDICAP RAMPS SHALL IN NO CASE BE GREATER THAN FIVE PERCENT.

GENERAL NOTES – DUCTBANKS

1. THE CONTRACTOR SHALL PROVIDE A COMPLETE FIBER OPTIC CABLING SYSTEM. THE CONTRACTOR SHALL VERIFY ALL DISTANCES SHOWN IN THE DRAWINGS RELATED TO THE INSTALLATION OF INFRASTRUCTURE AND CABLING PRIOR TO ORDERING AND INSTALLING OF THE SYSTEM AND RELATED INFRASTRUCTURE.
2. TOTAL NUMBER OF HOMES PASSED = 330
3. CONTRACTOR SHALL TERMINATE FIBER ON EXTERIOR WALL OF RESIDENCE IN NETWORK INTERFACE BOX (NIB).
4. SERVICE PROVIDER SHALL PROVIDE PATCH/DROP CABLES FROM NIB INTO RESIDENCE.
5. SERVICE PROVIDER SHALL INSTALL CONDUIT, FIBER FROM OLT–NORTH TO FDH–13.
6. SERVICE PROVIDER SHALL PROVIDE AND TERMINATION HARDWARE FOR SERVICE PROVIDER FIBER.
7. CONTRACTOR SHALL INSTALL 12–STRANDS OF SINGLEMODE FIBER BETWEEN FDH–13 AND CITY OWNED HANDHOLE. FIBER TO BE SPLICED TO FIBER SPLITTERS AT FDH 13 MANHOLE. FAR–END OF FIBER CABLE, COIL 100 FEET OF CABLE AND PROTECT IN CITY OWNED HANDHOLE.
8. FIBER INSTALLED FROM HANDHOLE TO NIB SHALL BE INSTALLED IN 3/4–INCH CONDUIT.

GENERAL NOTES – FIBER PLANT

1. THE SYSTEM INSTALLED BY THE CONTRACTOR SHALL INCLUDE SUPPORTING INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT, HANDHOLES, MANHOLES.
2. DUCT BANKS MAYBE EITHER DIRECTIONAL BORED OR TRENCHED. PLOWING AND AERIAL ARE PROHIBITED.
3. UNLESS OTHERWISE NOTED ALL DUCTBANKS ARE 1–WAY.
4. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE RETURNED TO THE EXISTING CONDITION PRIOR TO START OF WORK.
5. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.
6. ALL DIRECTIONAL CORES CROSSING ROADS SHALL CROSS AS CLOSE TO 90 DEGREES AS POSSIBLE. CROSSING SHALL NEVER CROSS AT AN ANGLE LESS THAN 45 DEGREES.
7. NO MORE THAN ONE TRENCH OPEN AT ONE TIME THEN BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT).
8. SIZE AND QUANTITY OF CONDUITS IN DUCT BANKS ARE SHOWN IN THE DRAWINGS.
9. RECOMMEND SIZE OF HANDHOLES IS SHOWN IN THE DRAWINGS.
10. ACCEPTABLE CONDUIT THAT MAYBE INSTALLED ARE HDPE AND SCHEDULE 40
11. INSTALLATION OF THE FIBER OPTIC SYSTEM SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. BULK FIBER INSTALLED IN DUCT BANKS SHALL NOT EXCEED 40% CONDUIT FILL.
12. THE DESIGN IS FOR 100% COVERAGE. NOT ALL RESIDENCES WILL BE SUBSCRIBERS. CONTRACTOR SHALL PROTECT THE UNUSED PORT ON THE TERMINAL, PER MANUFACTURER'S INSTRUCTIONS, FOR FUTURE CONNECTION WHEN SERVICE IS REQUESTED.
13. THE DESIGN SHOWS INTENT. CABLE PATHS ARE AN APPROXIMATE LOCATION AND SHALL BE PLACED IN THE UTILITY RIGHT OF WAY. CABLE PATHS ARE AN APPROXIMATE LOCATION AND SHALL BE PLACED IN THE UTILITY RIGHT OF WAY.
14. SERVICE DROP PATHS ARE A GRAPHICAL IN NATURE ONLY AND ARE NOT INTENDED FOR CONSTRUCTION.
15. THE CONTRACTOR SHALL WALK THE SITE TO VERIFY THE APPROPRIATE LOCATION OF ALL INFRASTRUCTURE AND VERIFY DISTANCES SHOWN IN THE DRAWINGS.
16. THE CONTRACTOR SHALL PROVIDE A COMPLETE FIBER OPTIC CABLING SYSTEM. THE CONTRACTOR SHALL VERIFY ALL DISTANCES SHOWN IN THE DRAWINGS RELATED TO THE INSTALLATION OF INFRASTRUCTURE AND CABLING PRIOR TO ORDERING AND INSTALLING OF THE SYSTEM AND RELEATED INFRASTRUCTURE.
17. THE NUMBER OF CONDUITS NECESSARY TO INSTALL THE FIBER OTPIC SYSTEM ARE SHOWN IN THE DRAWINGS. THE CONTRACTOR SHALL VERIFY THAT THE SIZE AND QUANITY OF CONDUIT WILL MEET THE INSTALLATION REQUIREMENTS FOR THE SYSTEM BEING INSTALLED.
18. FIBER OPTIC CABLE SHALL BE INSTALLED IN 3/4 INCH CONDUIT FROM THE HANDHOLES TO THE RESIDENCE NETWORK INTERFACE BOX (NIB).
19. ALL FIBER OPTIC CABLING SHALL BE DIELECTRIC, LOOSE TUBE SINGLEMODE OS2 (9/125 µM).
20. WHEN INSTALLING HANDHOLES IN NON–TRAFFIC AREAS, SUCH AS GRASSY AREAS, SIDEWALKS, OR RAISED ISLANDS, THE CONTRACTOR SHALL SELECT HANDHOLES RATED FOR PEDESTRIAN TRAFFIC, WHICH HAVE LOWER LOAD REQUIREMENTS THAN TRAFFIC–RATED ENCLOSURES FOR INSTALLATION IN NON–TRAFFIC AREAS.
21. ACCESSIBILITY: THE LOCATION SHOULD BE ACCESSIBLE FOR MAINTENANCE AND FUTURE WIRING CHANGES. WHEN EVER POSSIBLE PLACING HANDHOLES ADJACENT TO SIDEWALKS RATHER THAN IN THE SIDEWALK/PEDESTRIAN WALK–WAY.
22. HANDHOLES IN STREET LOCATED IN HIGH–TRAFFIC AREAS SUCH AS ROADWAYS:
    a. SELECT TRAFFIC–RATED HANDHOLES: USE HANDHOLES SPECIFICALLY DESIGNED TO WITHSTAND VEHICULAR TRAFFIC. HANDHOLES SHALL HAVE H–20 RATING. ENSURE SUFFICIENT CLEARANCE AND A CONCRETE OR ASPHALT APRON TO ACHIEVE A FULL H–20 RATING.
    b. COMPLY WITH ANSI/SCTE 77–2013 AND ASHTO H20: VERIFY THE HANDHOLE ENCLOSURES MEET THIS STANDARD FOR INTEGRITY AGAINST TRAFFIC LOADS.
    c. THE CONTRACTOR SHALL TRY TO AVOID HEAVY VEHICLE TRAFFICKED AREAS WHENEVER POSSIBLE. LOCATE THE HANDHOLE TO THE SIDE OF THE ROADWAY TO LIMIT TRAFFIC RESTRICTION.
    d. INSTALL HANDHOLES FLUSH WITH THE SURROUNDING GRADE IN PAVED AREAS TO PREVENT TRIPPING HAZARDS AND DAMAGE.
    e. CONTRACTORS SHALL CHOOSE A LOCATION THAT PROVIDES EASY ACCESS WHILE AVOIDING UNDERGROUND OBSTACLES AND COMPLYING WITH SAFETY STANDARDS.
23. THE LOCATION OF HANDHOLES ON THE DRAWINGS NEEDS TO BE VERIFIED FOR PROPER INSTALLATION. WHEN CHOOSING A LOCATION TO INSTALL A HANDHOLE THE CONTRACTOR SHALL CHOOSE AN ACCESSIBLE LOCATION FOR THE UTILITY SYSTEM, AVOIDING UNDERGROUND OBSTACLES. HANDHOLES CAN BE PLACED IN GRASS, SIDEWALKS, OR RAISED ISLANDS, BUT NOT IN PAVEMENT WITHIN THE TRAVEL WAY OR SHOULDER.
24. CONTRACTOR SHALL DIG A HOLE LARGE ENOUGH FOR THE HANDHOLE AND ITS COMPONENTS. FOR NON–TRAFFIC RATED HANDHOLES, EXCAVATE BELOW GRADE WITH AT LEAST THREE INCHES OF CLEARANCE ON EACH SIDE.
25. CONTRACTOR SHALL CREATE A STABLE BASE USING 6 INCHES OF COMPACTED CRUSHED ROCK OR GRANULAR MATERIALS OR AN 8" TO 10" DEEP BASE OF COMPACTED CRUSHED STONE. ENSURE THE SUBGRADE IS COMPACTED ACCORDING TO THE SOIL ENGINEER'S DIRECTIONS. SEPARATE THE GRAVEL FROM THE SOIL BENEATH WITH LANDSCAPING CLOTH.
26. CONTRACTOR SHALL PLACE THE HANDHOLE STRUCTURE LEVEL AND ALIGNED WITH THE CONDUIT OR WIRING SYSTEM. SIDE PANELS CAN BE SET BY HAND OR WITH A LIFTING AID.
27. CONDUIT CONNECTIONS: CONNECT CONDUITS OR CABLES USING CONDUIT BELL, ELBOWS AND FITTINGS TO GUIDE THE CABLES. CONNECTIONS SHOULD BE SMOOTH AND AT THE FLOOR LEVEL. DUCTS SHOULD ENTER IN A SINGLE LAYER AND IN SEQUENCE. CONDUIT BEND RADII SHALL BE NO LESS THAN 6–TIMES, THE DIAMETER OF THE INSIDE CONDUIT FOR CONDUIT LESS THAN 2–INCHES AND 10–TIMES THE INSIDE DIAMETER OF THE CONDUIT FOR CONDUIT 2–INCHES AND GREATER.
28. THE CONTRACTOR SHALL BACKFILL AND COMPACT THE SOIL AROUND AND BELOW THE HANDHOLE. COMPACT THE BACKFILL AROUND THE HANDHOLE WITH EXCAVATED MATERIAL, COMPACTING IN 12–INCH INCREMENTS. MANUAL COMPACTION IS RECOMMENDED, ESPECIALLY IN HIGH WATER TABLE AREAS. PROPER SOIL COMPACTION HELPS PREVENT FUTURE SETTLING.
29. THE CONTRACTOR SHALL COVER AND SEALING: COVER THE HANDHOLE WITH A SECURE LID. THE LID SHOULD HAVE A LOCKING MECHANISM AND WITHSTAND EXTERNAL FORCES.
30. THE CONTRACTOR SHALL ENSURE ALL DUCT ENTRIES AND EXITS ARE WATERTIGHT, WITH DUCTS COUPLED AND SEALED TO PREVENT WATER INFILTRATION.
31. CONTRACTOR SHALL INSTALL THE MINIMUM CONDUIT DEPTH SHOULD BE 24–INCHES BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
32. ALL CABLE SHALL BE BURIED AT 24" UNLESS OTHERWISE NOTED.
33. ALL DIRECTIONAL BORES SHALL HAVE A MINIMUM OF 30" COVER UNLESS OTHERWISED NOTED.
34. THE CONTRACTOR SHALL HAVE A COPY OF THE APPROVED PERMIT FROM THE APPROPRIATE AGENCY ON THE JOBSITE AT ALL TIMES.
35. NO MORE THAN ONE TRENCH OPEN AT ONE TIME THEN BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT).
36. GROUNDING IS ONLY REQUIRED FOR HANDHOLES THAT HAVE METALLIC COMPONENTS. GROUNDING: THE GROUNDING SYSTEM SHOULD USE AN INSULATED CONDUCTOR CONNECTED TO A GROUNDING ROD INSTALLED IN THE HANDHOLE PER GROUNDING DETAILS IN THE DRAWINGS. COMPONENTS THAT WILL REQUIRE THE GROUNDING OF A HANDHOLE ARE HANDHOLE COVER AND FRAME. METAL COVERS AND EXPOSED CONDUCTIVE SURFACES OF HANDHOLE ENCLOSURES MUST BE CONNECTED TO AN EQUIPMENT GROUNDING CONDUCTOR, ENSURING A PERMANENT, CONTINUOUS, AND EFFECTIVE GROUNDING PATH. CLEAN GROUNDING ATTACHMENTS TO ENSURE QUALITY CONNECTION.
37. BONDING SHALL BE PROVIDED BETWEEN ALL ABOVE GROUND METALLIC POWER AND COMMUNICATION PEDESTALS THAT ARE SEPERATED BY 6 FEET OR LESS (REFERENCE 1993 NESC SECTION 35, ARTICLE 350.F)
38. IF THE HANDHOLE IS WITHIN PEDESTRIAN ACCESS ROUTES, THE TOP OF THE COVER MUST HAVE NO VERTICAL SURFACE DISCONTINUITIES GREATER THAN 1/4 INCH, NO GAPS GREATER THAN 1/2 INCH, AND BE FIRM, STABLE, AND SLIP–RESISTANT.
39. SAFETY: ADHERE TO SAFETY MEASURES, INCLUDING USING THE CORRECT TOOLS, WEARING PROTECTIVE GEAR, AND ENSURING INSTALLATIONS MEET INDUSTRY STANDARDS AND LOCAL CODES. AVOID USING HEAVY EQUIPMENT LIKE BACKHOES FOR TAMPING.
40. ADDITIONAL CONSIDERATIONS:
41. CONDUIT CAPACITY: LIMIT THE TERMINATION OF CONDUITS IN A HANDHOLE TO SIX TO FACILITATE FUTURE WIRING CHANGES.
42. SEAL ALL CONDUIT CONNECTIONS CAREFULLY TO PREVENT WATER AND DEBRIS FROM ENTERING THE SYSTEM.
43. PEDESTRIAN ACCESSIBILITY: DURING INSTALLATION IN AREAS WITH PEDESTRIAN TRAFFIC, PRIORITIZE ACCESSIBILITY, ESPECIALLY FOR INDIVIDUALS WITH DISABILITIES.
44. DELINEATED WALKWAYS: WHEN INSTALLING NEAR DRIVEWAYS OR SIDEWALKS, ENSURE CLEAR AND SAFE PEDESTRIAN WALKWAYS, MINIMIZING CROSSING DISTANCES.
45. CONTRACTOR SHALL SELECT DURABLE MATERIALS LIKE POLYMER CONCRETE, STEEL, OR REINFORCED CONCRETE FOR DURABILITY AND RESISTANCE TO TRAFFIC LOADS AND ENVIRONMENTAL FACTORS.
46. HANDHOLE COVER'S SHOULD BE SECURE AND REQUIRE TOOLS TO OPEN, OR BE HEAVY ENOUGH TO DETER UNAUTHORIZED ACCESS.
47. LABELING: LABEL HANDHOLE COVERS CLEARLY WITH THEIR FUNCTION (E.G., "TELECOM" OR "COMMUNICATIONS").
48. COMPLIANCE WITH STANDARDS: FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES AND STANDARDS THROUGHOUT THE INSTALLATION PROCESS.
49. SAFETY PRACTICES: PRIORITIZE SAFETY DURING INSTALLATION, USING PROPER TOOLS AND PROTECTIVE GEAR.
50. LOCATING SERVICES: PRIOR TO ANY EXCAVATION, USE TOOLS LIKE CABLE LOCATORS OR GROUND PENETRATION RADAR (GPR) TO IDENTIFY EXISTING UNDERGROUND UTILITIES.
51. EXCAVATION NEAR POWER CABLES: MAINTAIN SAFE SEPARATION DISTANCES (600MM HORIZONTALLY AND 300MM VERTICALLY) WHEN EXCAVATING NEAR HIGH VOLTAGE POWER CABLES.
52. REINSTATEMENT OF AREA: UPON COMPLETION, RESTORE THE SURROUNDING AREA TO ITS ORIGINAL STATE OR BETTER.
53. ALL CONDUITS TO BE INSTALLED ON THIS PROJECT SHALL BE 2–INCH SCHEDULE 40 PVC OR 2–INCH HDPE.
54. UNLESS OTHERWISE NOTED ALL CONDUIT DUCTBANKS ARE (1) 2–INCH CONDUIT.
55. CONTRACTOR TO MARK UP PLANS AND PROVIDE AS–BUILTS REFLECTING FINAL HANHOLE LOCATIONS, WALL TO WALL DISTANCES, CONDUITS DEPTHS (BORE LOGS) AND ANY OTHER DEVIATIONS FROM THE PROJECT PLANS.
56. CONTRACTOR SHALL LEAVE A MINIMUM OF 50' IN EACH CABLE THROUGH VAULT/HANDHOLE (N36). CONTRACTOR SHALL LEAVE A MINIMUM OF 100' IN EACH VAULT/HANDHOLE THAT HAS FIBER SPLICE ENCLOSURE (N48)
57. CONTACT THE ENGINEER OR PROJECT COORDINATOR IF THERE ARE QUESTIONS OR CONCERNS WITH THE DRAWINGS OR COUNTS.
58. CONTACT PROJECT COORDINATOR, OR ENGINEER PRIOR TO MAKING ANY CHANGES.

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REVISIONS NO.	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			

BENCH MARK ELEV. _____
DESCRIPTION _____

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
GENERAL NOTES

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KEARY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 2 OF 18

SUMMARY OF SPLICE INFORMATION:

12 / 1 — SV #058 MS SEC #1
PL OTE-12 (1-12)

11 / 2 — SV #064 MS SEC #1
PL OTE-12MH (13-23)

11 / 3 — SV #070 MS SEC #1
PL OTE-12MH (24-34)

10 / 4 — SV #076 MS SEC #1
PL OTE-12MH (35-44)

11 / 5 — SV #088 ES SEC #1
PL OTE-12MH (45-55)

8 / 6 — SV #005 MS SEC #2
PL OTE-12 (56-63)

9 / 7 — SV #006 MS SEC #2
PL OTE-12MH (64-72)

9 / 8 — SV #017 MS SEC #2
PL OTE-12MH (73-81)

11 / 9 — SV #023 MS SEC #2
PL OTE-12MH (82-92)

11 / 10 — SV #034 MS SEC #2
PL OTE-12MH (93-103)

9 / 13 — SV #093 MS SEC #3
PL OTE-12MH (123-131)

12 / 14 — SV #100 ES SEC #3
PL OTE-12MH (132-143)

10 / 15 — SV #107 ES SEC #4
PL OTE-12MH (144-153)

12 / 16 — SV #114 MS SEC #5
PL OTE-12MH (154-165)

12 / 17 — SV #121 MS SEC #5
PL OTE-12MH (166-177)

10 / 18 — SV #126 ES SEC #5
PL OTE-12MH (178-187)

7 / 19 — SV #130 MS SEC #6
PL OTE-8MH (188-194)

6 / 20 — SV #135 SEC #6
PL OTE-8MH (195-200)

7 / 21 — SV #139 MS SEC #6
PL OTE-8MH (201-207)

7 / 22 — SV #144 MS SEC #6
PL OTE-8MH (208-214)

8 / 23 — SV #154 ES SEC #6
PL OTE-12MH (215-222)

10 / 24 — SV #165 MS SEC #7
PL OTE-12MH (223-231)

8 / 25 — SV #167 MS SEC #7
PL OTE-8MH (233-240)

8 / 26 — SV #173 ES SEC #7
PL OTE-8MH (241-248)

10 / 27 — SV #184 MS SEC #8
PL OTE-12MH (249-258)

12 / 28 — SV #189 MS SEC #8
PL OTE-12MH (259-270)

11 / 29 — SV #195 MS SEC #8
PL OTE-12MH (272-281)

9 / 30 — SV #200 MS SEC #8
PL OTE-12MH (282-290)

9 / 31 — SV #203 MS SEC #8
PL OTE-12MH (291-299)

11 / 32 — SV #206 ES SEC #8
PL OTE-12MH (300-310)

12 / 33 — SV #003 SEC #9
PL 450-D
HORIZ. (1-310) - INPUT (1-5)
6-12 DARK

EXISTING UTILITIES AND PARCEL LINE

(E) STORM DRAIN LINE ——sd——sd——
(E) SANITARY SEWER LINE ——SS——
(E) WATER LINE ——W——
PARCEL LINE ————————

SECTOR/CABLE INFORMATION

1 SEC #1
XX-SMF PL 3412' _____ (F)
FDH #13, 1-72
XD, 51-72 (22-STRANDS DARK)

2 SEC #2
96-SMF SM PL 2981' _____ (F)
FDH #13, 1-96
XD, 68-96 (29-STRANDS DARK)

3 SEC #3
36-SMF SM PL 899' _____ (F)
FDH #13, 1-36
XD, 23-36 (14-STRANDS DARK)

4 SEC #4
24-SMF SM PL 923' _____ (F)
FDH #13, 1-24
XD, 12-24 (13-STRANDS DARK)

5 SEC #5
48-SMF SM PL 1035' _____ (F)
FDH #13, 1-48
XD, 22-48 (14-STRANDS DARK)

6 SEC #6
60-SMF SM PL 2769' _____ (F)
FDH #13, 1-60
XD, 40-60 (21-STRANDS DARK)

7 SEC #7
36-SMF SM PL 968' _____ (F)
FDH #13, 1-36
XD, 27-36 (10-STRANDS DARK)

8 SEC #8
96-SMF SM PL 3782' _____ (F)
FDH #13, 1-96
XD, 66-96 (31-STRANDS DARK)

9 SEC #9
12-SMF SM PL 877' _____ (F)
FDH #13, 1-12
XD, 7-12 (6-STRANDS DARK)

CONDUIT LEGEND

FP #214
12X12
FLOWER POT NUMBER
FLOWER POT SIZE

HH #____
N__
NUMBER OF FIBER STRANDS ASSIGNED
TYPE VAULT/HANDHOLE N36 OR N48

2-INCH CONDUIT

3/4-INCH CONDUIT

FIBER LEGEND

HH #____
N__
VAULT/HANDHOLE NUMBER
TYPE VAULT/HANDHOLE N36 OR N48

SV = SPLICE VAULT
#206 = SV NUMBER
PLACE (PL)
11 / 31 — SV #206 SEC #8
PL OTE-12MH
NUMBER OF FIBER DROPS
SPLICE ENCLOSURE NUMBER
SECTOR NUMBER
TYPE OF SPLICE ENCLOSURE
450-D/460-D ENCLOSURE
OR OTE - 6, 8, 12, 16 OR 24 PORTS

2 SEC #2
144-SMF PL 230' _____ (F)
FDH #02, 76-101
PL 450-D SE
SECTOR NUMBER
CABLE LENGTH (INCLUDING SERVICE/SLACK LOOPS)
FIBER CABLE SIZE
FIBER DISTRIBUTION HUB NUMBER
PLACE (PL)
ACTUAL CABLE LENGTH
(CONTRACTOR TO FILL-IN)
1:64 PORTS
450-D OR 650-D SPLICE ENCLOSURE (SE)

FEEDER/BULK FIBER OPTIC CABLE

DROP FIBER OPTIC CABLE

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NO. | DESCRIPTION | DATE | BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK
X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ
DATE FEBRUARY 2026
DESIGN BY: N. REAMES
R.C.E. C##### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU
R.C.E. C##### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
LEGEND

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER — KENT AILEEN FLYNN — No. C73137 — Exp. 12/31/26 — CIVIL — STATE OF CALIFORNIA

12656216

SHEET 3 OF 18

MATCH LINE – SEE SHEET 5



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL DUCT BANKS ARE 1 – 2" CONDUITS.

N

SITE PLAN
1"=80'

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BENCH MARK ELEV. _____
DESCRIPTION _____

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C##### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C##### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
FIBER LAYOUT (1 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
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T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRI AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 4 OF 18



MATCH LINE – SEE SHEET 4

SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL DUCT BANKS ARE 1 – 2" CONDUITS.

N

SITE PLAN
1"=80'

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BENCH MARK ELEV. _____
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SCALE
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VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
FIBER LAYOUT (2 OF 2)

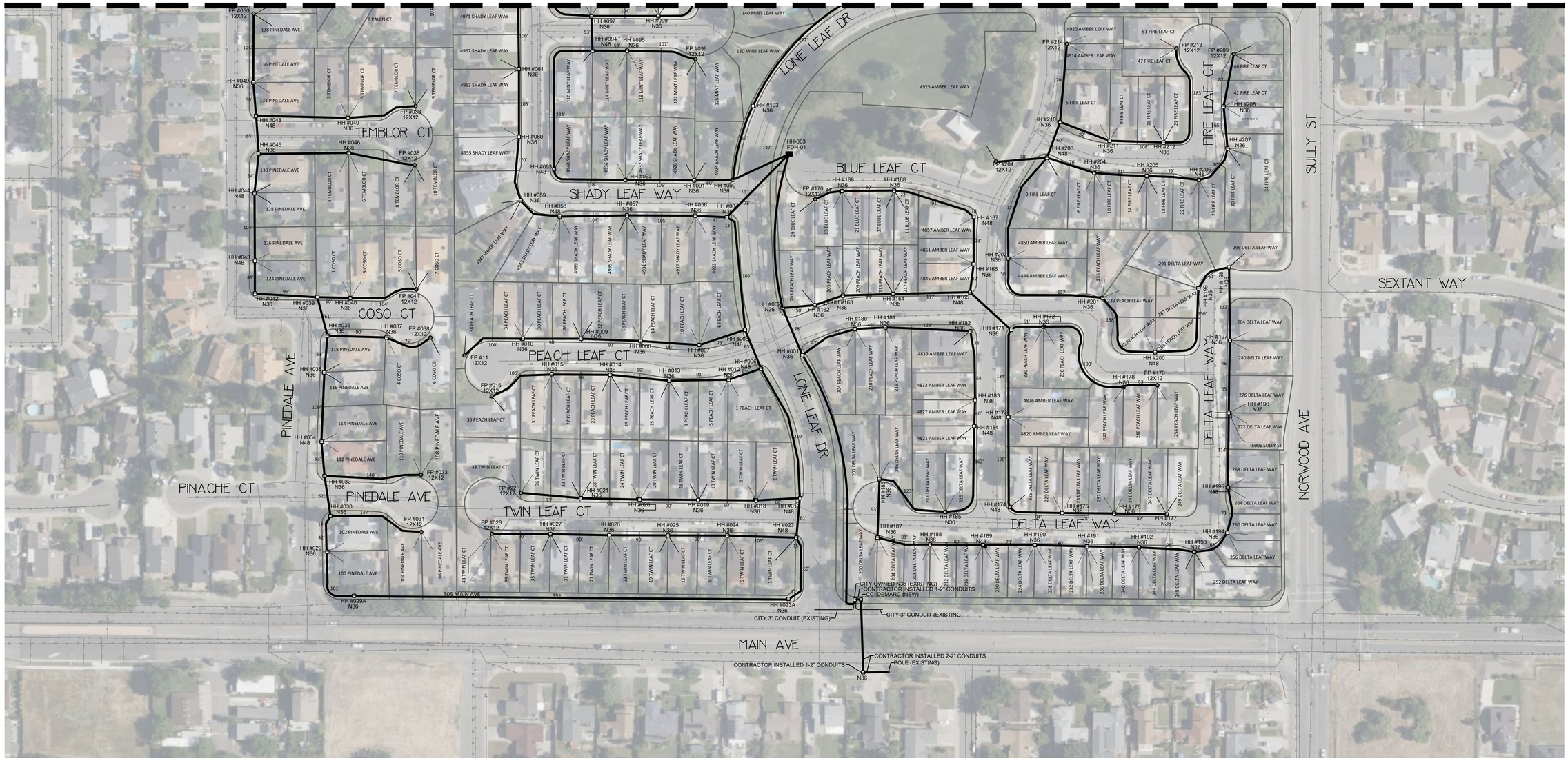
GHD Inc.
2600 Capitol Ave Suite 100
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12656216

SHEET 5 — OF — 18

MATCH LINE – SEE SHEET 7



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL DUCT BANKS ARE 1 – 2" CONDUITS.

N

SITE PLAN
1" = 80'

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VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ
DATE FEBRUARY 2026
DESIGN BY: N. REAMES
R.C.E. C###### DATE FEBRUARY 2026
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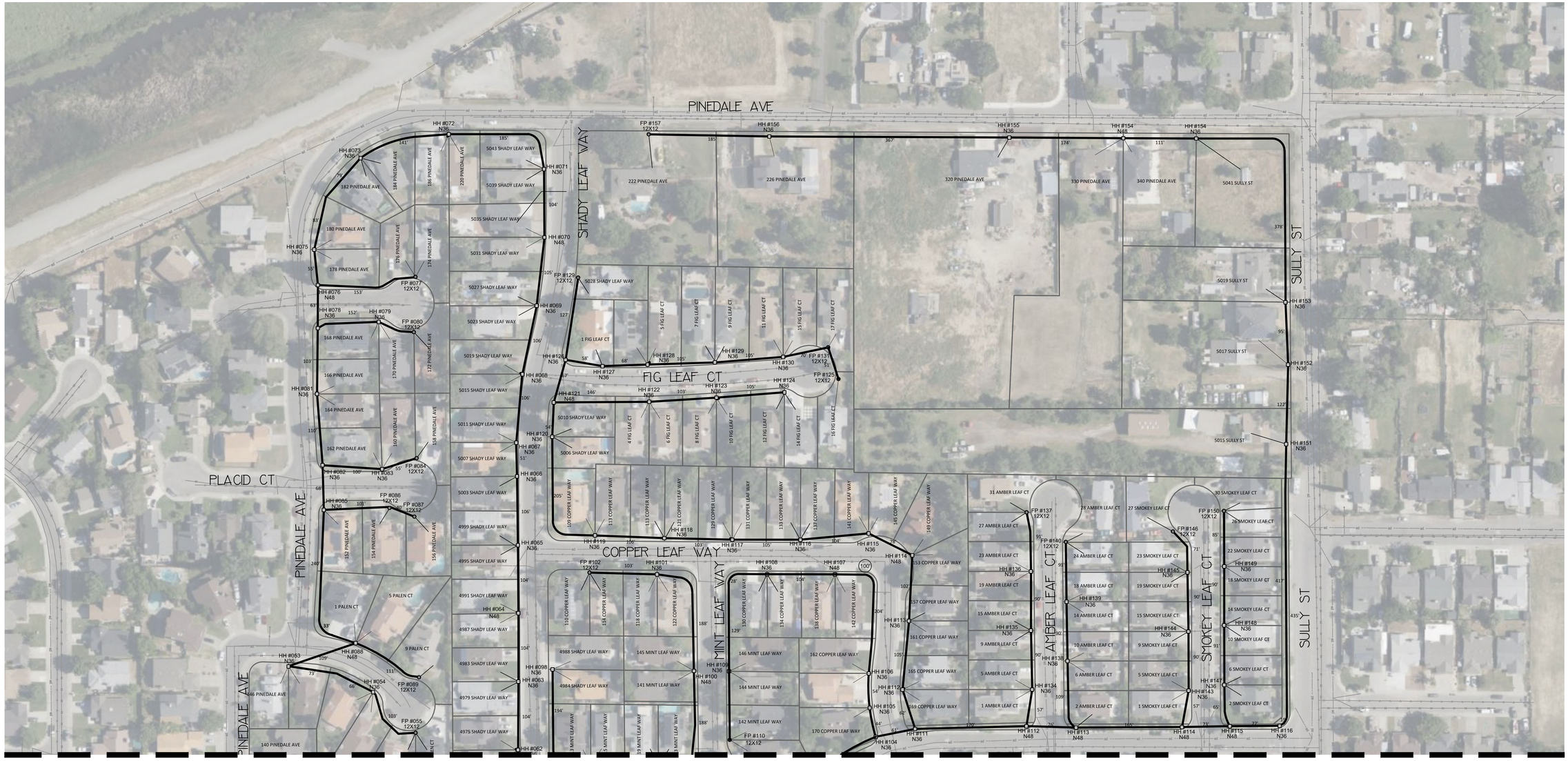
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
CONDUIT LAYOUT (1 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER
KERRI AILEEN FLYNN
No. C73137
Exp. 12/31/26
CIVIL
STATE OF CALIFORNIA

12656216

SHEET 6 — OF — 18



MATCH LINE – SEE SHEET 6

SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL DUCT BANKS ARE 1 – 2" CONDUITS.

N

SITE PLAN
1"=80'

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BENCH MARK ELEV. _____
DESCRIPTION

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HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
CONDUIT LAYOUT (2 OF 2)

GHD Inc.
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REGISTERED PROFESSIONAL ENGINEER
KERRY AILEEN FLYNN
No. C73137
Exp. 12/31/26
CIVIL
STATE OF CALIFORNIA

12656216

SHEET 7 — OF — 18



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL TRUNK CONDUIT ROUT ADDITIONS ARE 3-2" HDPE CONDUITS INSTALLED VIA DIRECTIONAL BORING OR DRILLING.
3. CONDUIT WHENEVER POSSIBLE SHALL BE LOCATED IN THE RIGHT-OF-WAY. SEE DIRECTIONAL BORING DETAIL FOR MORE INFORMATION ON WHERE THE CONDUIT AND HOW THE CONDUIT SHOULD BE INSTALLED.
4. VAULTS/HANDHOLES INSTALLED WITHIN THE STREET SHALL BE H20 RATED. REFERENCE H20 VAULT/HANDHOLE DETAILS.
5. NEW VAULTS/HANDHOLES SHALL BE INSTALLED EVERY 600 FEET WHEN BENDS EXIST AND SHALL NOT EXCEED 1000 FEET IN STRAIGHT SECTONS.

N

SITE PLAN
1" = 40'

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BENCH MARK ELEV. _____
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FIELD BOOK: X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
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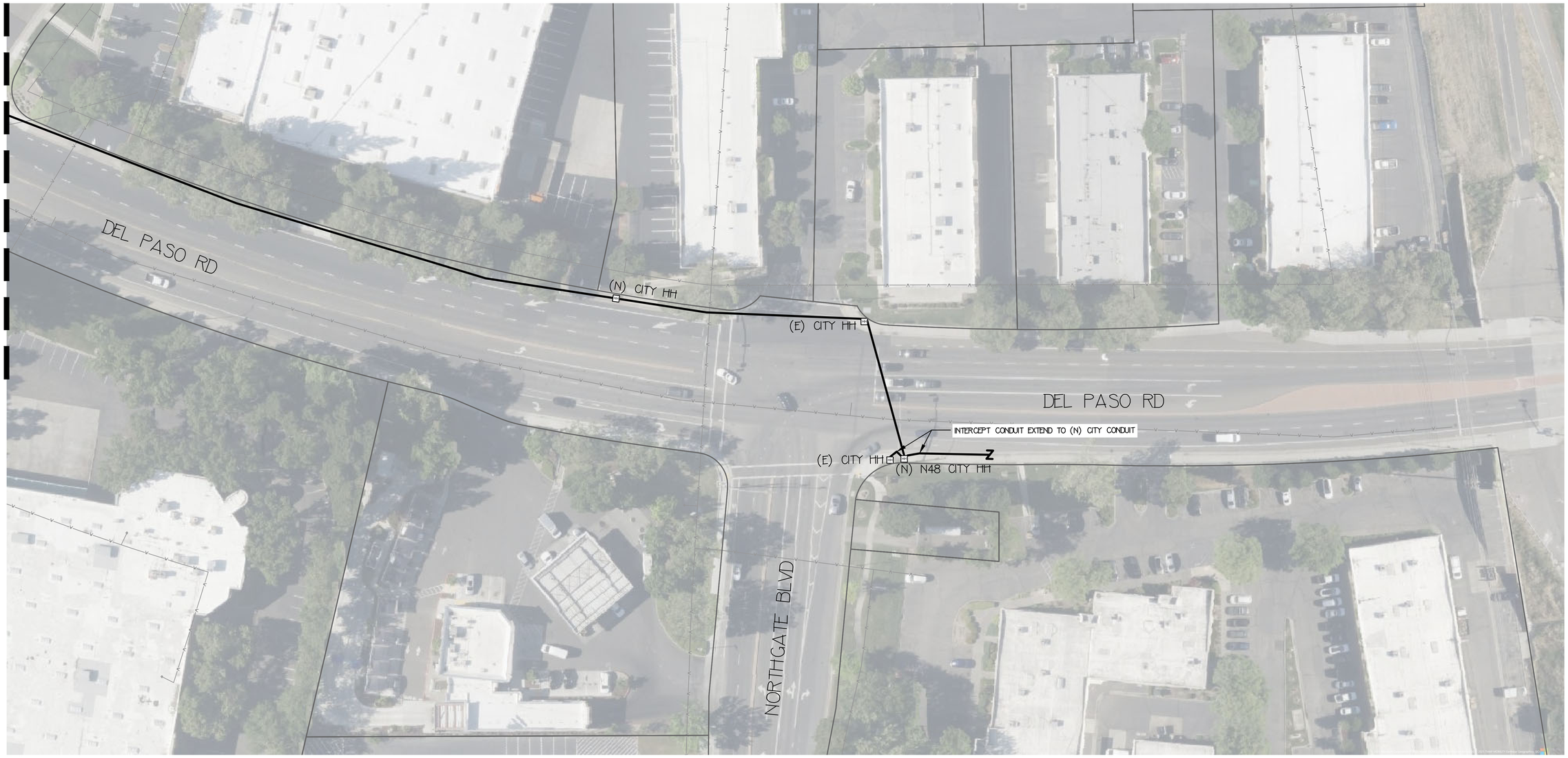
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (1 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
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T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER
KENT AILEEN FLYNN
No. C73137
Exp. 12/31/26
CIVIL
STATE OF CALIFORNIA

12656216

SHEET 8 OF 18



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G–001.
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5. NEW VAULTS/HANDHOLES SHALL BE INSTALLED EVERY 600 FEET WHEN BENDS EXIST AND SHALL NOT EXCEED 1000 FEET IN STRAIGHT SECTONS.

N

SITE PLAN
1" = 40'

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REVISIONS NO.	DESCRIPTION	DATE	BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK **X**
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
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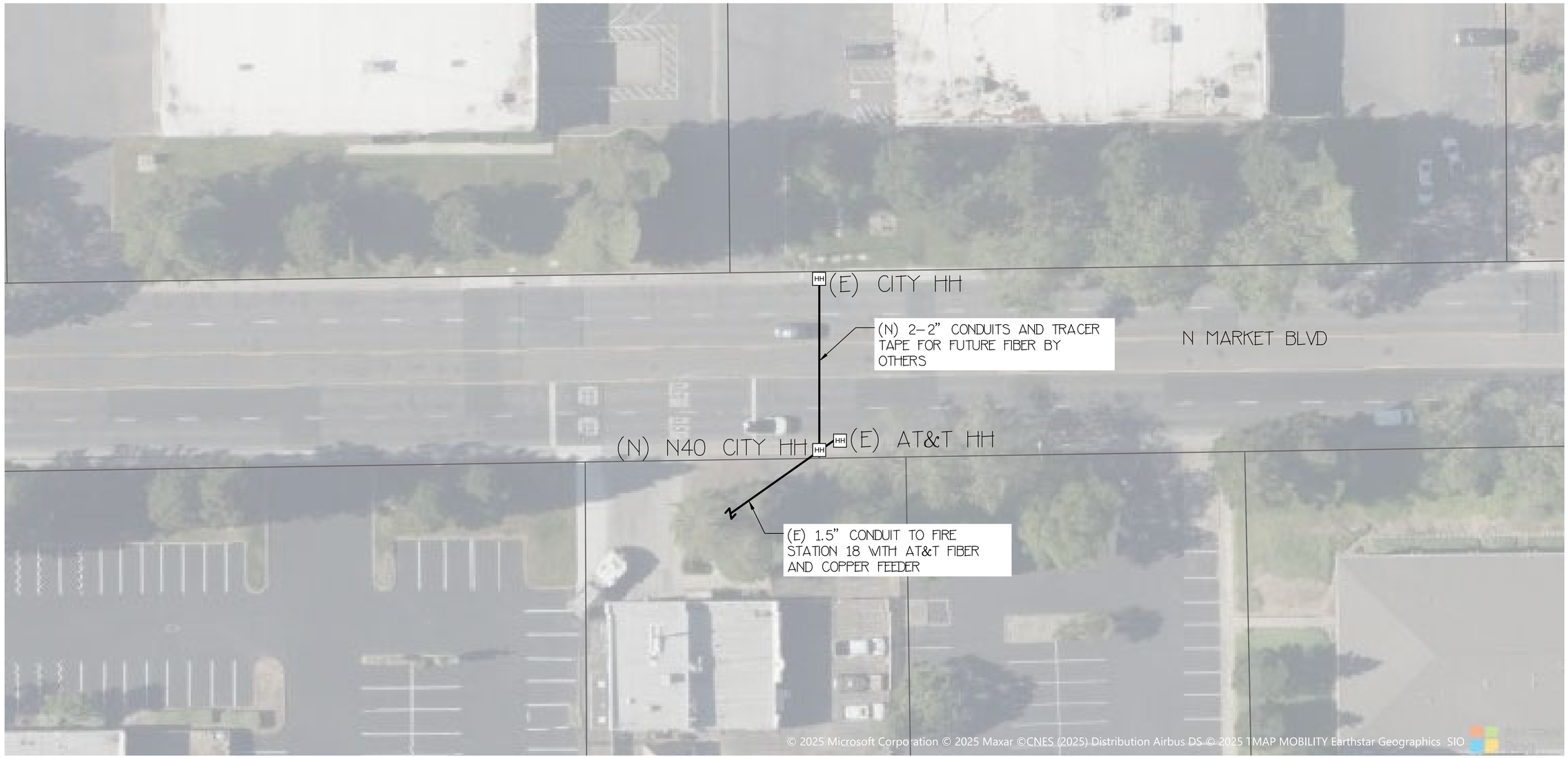
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (2 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER
KERRY AILEEN FLYNN
No. C73137
Exp. 12/31/26
CIVIL
STATE OF CALIFORNIA

12656216

SHEET 9 OF 18



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G–001.
2. UNLESS NOTED OTHERWISE ALL TRUNK CONDUIT ROUT ADDITIONS ARE 2–2" HDPE CONDUITS INSTALLED VIA DIRECTIONAL BORING OR DRILLING.
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4. VAULTS/HANDHOLES INSTALLED WITHIN THE STREET SHALL BE H20 RATED. REFERENCE H20 VAULT/HANDHOLE DETAILS.
5. NEW VAULTS/HANDHOLES SHALL BE INSTALLED EVERY 600 FEET WHEN BENDS EXIST AND SHALL NOT EXCEED 1000 FEET IN STRAIGHT SECTONS.
6. THIS CROSSING AND THE NEW CONDUIT BETWEEN NORTHGATE AND SORENTO MAY NEED A COUNTY ENCROACHMENT PERMIT.

N

SITE PLAN
1" = 20'

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REVISIONS NO.	DESCRIPTION	DATE	BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (3 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KEARY AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 10 — OF — 18



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL TRUNK CONDUIT ROUT ADDITIONS ARE 3-2" HDPE CONDUITS INSTALLED VIA DIRECTIONAL BORING OR DRILLING.
3. CONDUIT WHENEVER POSSIBLE SHALL BE LOCATED IN THE RIGHT-OF-WAY. SEE DIRECTIONAL BORING DETAIL FOR MORE INFORMATION ON WHERE THE CONDUIT AND HOW THE CONDUIT SHOULD BE INSTALLED.
4. VAULTS/HANDHOLES INSTALLED WITHIN THE STREET SHALL BE H20 RATED. REFERENCE H20 VAULT/HANDHOLE DETAILS.
5. NEW VAULTS/HANDHOLES SHALL BE INSTALLED EVERY 600 FEET WHEN BENDS EXIST AND SHALL NOT EXCEED 1000 FEET IN STRAIGHT SECTONS.

N

SITE PLAN
1"=40'

CAD FILE: G:\ADSR\ACCDocs\GHD Services Pty Ltd\12656216 - Sacramento Last Mile\Project Files\01 WP\CAD\CAD\Sheets\Tier 1\1 - Northpointe (City Owned)\12656216-CAD-01-01-UTIL-G-0112.dwg

REVISIONS NO.	DESCRIPTION	DATE	BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELAZQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C##### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C##### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (4 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 11 OF 18



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL TRUNK CONDUIT ROUT ADDITIONS ARE 3-2" HDPE CONDUITS INSTALLED VIA DIRECTIONAL BORING OR DRILLING.
3. CONDUIT WHENEVER POSSIBLE SHALL BE LOCATED IN THE RIGHT-OF-WAY. SEE DIRECTIONAL BORING DETAIL FOR MORE INFORMATION ON WHERE THE CONDUIT AND HOW THE CONDUIT SHOULD BE INSTALLED.
4. VAULTS/HANDHOLES INSTALLED WITHIN THE STREET SHALL BE H20 RATED. REFERENCE H20 VAULT/HANDHOLE DETAILS.
5. NEW VAULTS/HANDHOLES SHALL BE INSTALLED EVERY 600 FEET WHEN BENDS EXIST AND SHALL NOT EXCEED 1000 FEET IN STRAIGHT SECTIONS.

N

SITE PLAN
1" = 40'

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REVISIONS NO.	DESCRIPTION	DATE	BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK: X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C##### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C##### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (5 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
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REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 12 OF 18



SHEET NOTES

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N

SITE PLAN
1"=40'

CAD FILE: G:\ADSR\ACCDocs\GHD Services Pty Ltd\12656216 - Sacramento Last Mile\Project Files\01 WIP\CAD\CAD\Sheets\Ter 1\1 - Northpointe (City Owned)\12656216-GHD-01-01-UTIL-G-0012.dwg

REVISIONS NO.	DESCRIPTION	DATE	BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK: X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C##### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C##### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (6 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
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REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 13 OF 18



SHEET NOTES

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SITE PLAN
1" = 40'

CAD FILE: C:\ADSK\ACCDocs\GHD Services Pty Ltd\12656216 – Sacramento Last Mile\Project Files\01 WIP\CAD\CAD\Sheets\Ter 1\1 – Northpointe (City Owned)\12656216–GHD–01–01–UTL–G–0113.dwg

REVISIONS NO.	DESCRIPTION	DATE	BY
1			
2			
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4			
5			

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

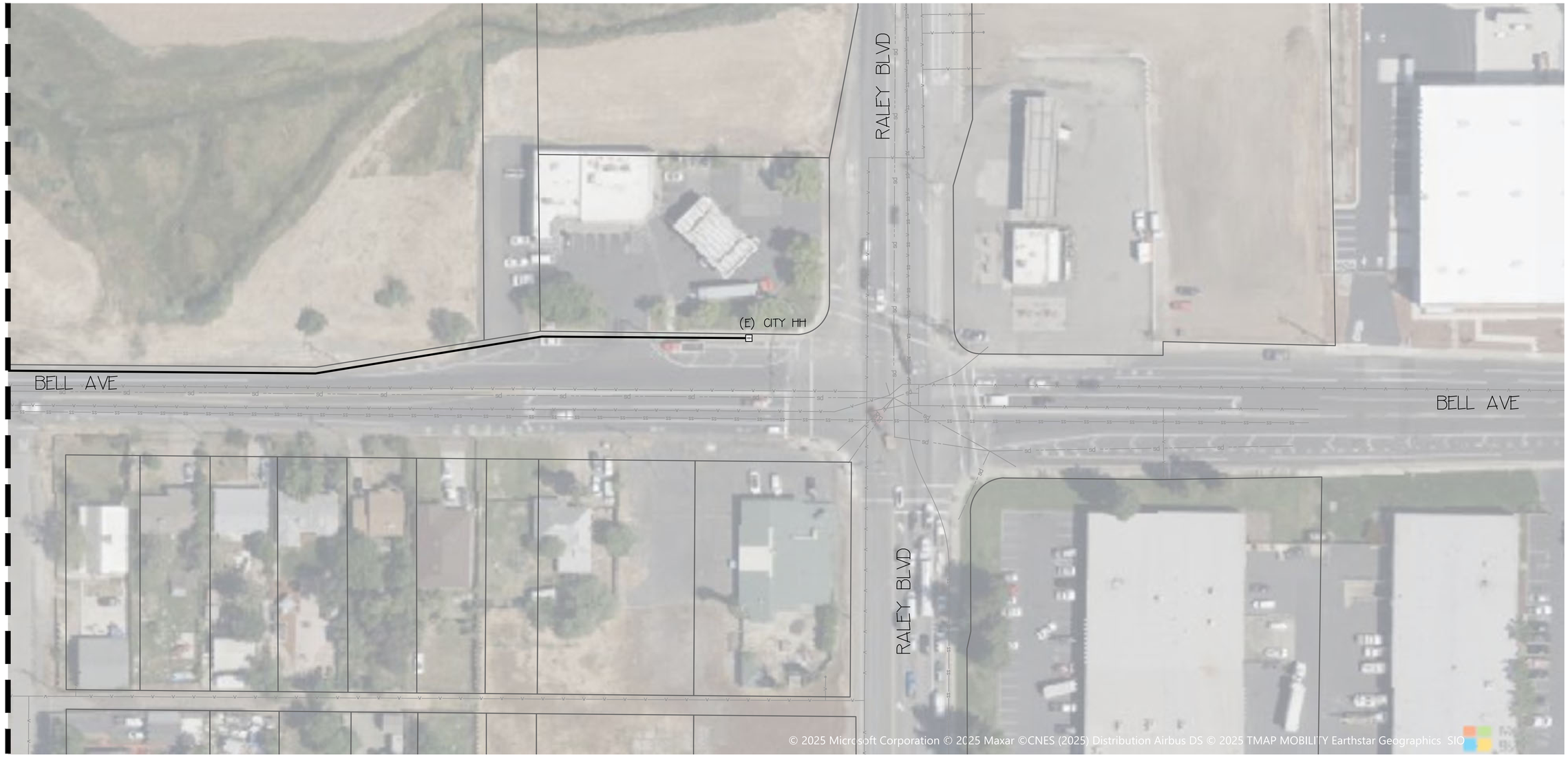
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
TRUNK LAYOUT (7 OF 8)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 14 — OF — 18



SHEET NOTES

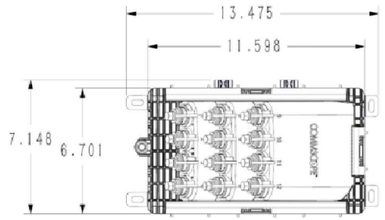
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N

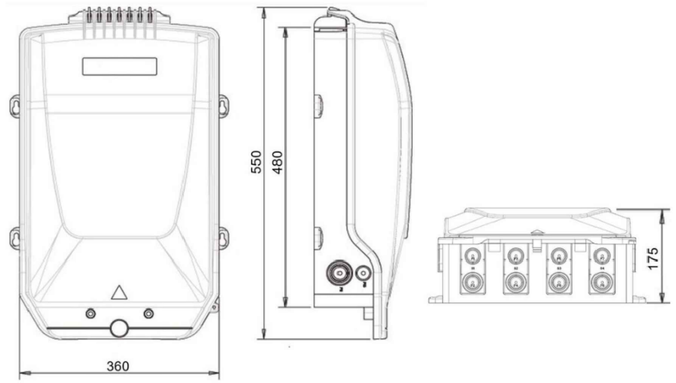
SITE PLAN
1" = 40'

CAD FILE: G:\ADSR\ACCDocs\GHD Services Pty Ltd\12656216 – Sacramento Last Mile\Project Files\01 WIP\CAD\CAD\Sheets\Ter 1\1 – Northpointe (City Owned)\12656216-GHD-01-01-UTIL-G-0114.dwg

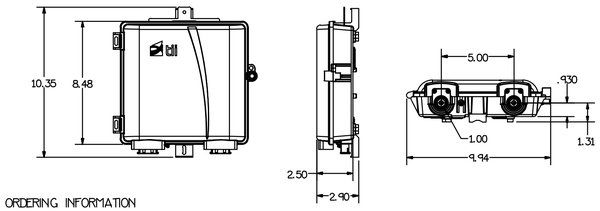
REVISIONS				BENCH MARK	ELEV.	FIELD BOOK	CITY OF SACRAMENTO	IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY			SHEET
NO.	DESCRIPTION	DATE	BY	DESCRIPTION		X	DEPARTMENT OF PUBLIC WORKS	NORTHPOINTE	GHD Inc. 2600 Capitol Ave Suite 100 Sacramento California 95816 USA T 916 372 6606	12656216	15 — OF — 18
						SCALE		TRUNK LAYOUT (8 OF 8)			
						HORIZ. ?	DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026 / DESIGN BY: N. REAMES R.C.E. C##### DATE FEBRUARY 2026 / CHECKED BY: E. FANSELAU R.C.E. C##### DATE FEBRUARY 2026				
						VERT. ?					



DETAIL – CommScope Mini-OTE-300



DETAIL – MULTIPLE DWELLING UNIT – COMMSCOPE BUDI 12 OR 24 STRAND TERMINATION



ORDERING INFORMATION

Model No.	Description	Standard Pkg.
506F-01-01-01-N	Fiber Interface Device 1 Port SC-APC	5 ea. 10.5"x10.5"x16" – 6.06 lbs.
506F-01-01-02-N	Fiber Interface Device 2 Port SC-APC	5 ea. 11"x11"x16" – 6.7 lbs.
506F-02-01-06-N	Fiber Interface Device 6 Port SC-APC	5 ea. 11"x11"x16" – 12 lbs.
506F-04-01-12-N	Fiber Interface Device 12 Port SC-APC	5 ea. 11"x11"x16" – 15 lbs.

CUSTOM MODEL NUMBER MATRIX

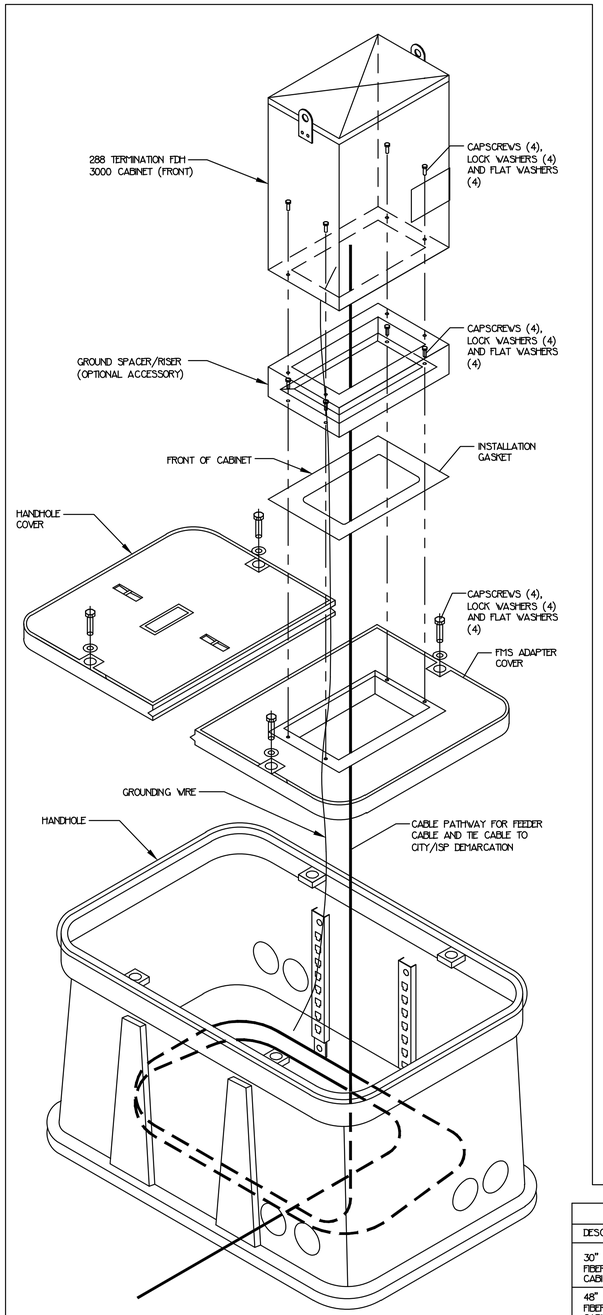
506F -XX	-XX	-XX	-X	X
Adapter Mounting Options	Adapter Type	# of Ports	Configuration Options	Grommets (Optional)
01 = Fiber Plate (1, 2, or 4 adapters only) 02 = Fiber Plate (6 Adapters) 04 = Fiber Plate (12 Adapters)	01 = SC/APC 02 = SC/UPC 03 = LC/APC 04 = LC/UPC	01 = 1 02 = 2 04 = 4 06 = 6 12 = 12 24 = 24 (LC only)	N = None C = Cable Entry Clamp E = External Ground D = External Ground and Cable Entry Clamp Installed	None = 2 Standard Grommets C = 2 Conduit Grommets G = 1 Standard Grommet, 1 Conduit Grommet (1/2") P = 1 Conduit Grommet (1/2"), 1 Compression Grommet

ACCESSORIES

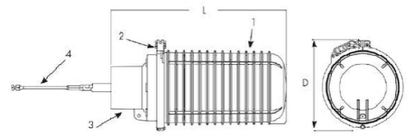
Model No.	Description	Standard Pkg.
FP01-01-01	Fiber Adapter Plate Slack Ring with SC-APC Adapter	50 ea. 8" x 9" x 23" – 5 lbs.
506F-GRM-KIT	Grommets for 506F Standard Grommet (2 ea.)	
506F-CMP-GRM-KIT	Grommets for 506F 1/2" Compression Entry (2 ea.)	
506F-CON-GRM-KIT1/2	Grommets for 506F 1/2" Conduit Entry (2 ea.)	
506F-CON-GRM-KIT3/4	Grommets for 506F 3/4" Conduit Entry (2 ea.)	
506F-OC	Hardened Fiber Connector Mounting Collar with Rubber Boot	
BKT-506F-OT	Mounting Bracket, Hardened Fiber Connector Compatible Adapter (not included)	

Tii Technologies Inc. FIBER INTERFACE DEVICE / SLACK STORAGE UNIT (506F Series)

DETAIL – SINGLE FAMILY UNIT (SFU) – NETWORK INTERFACE DEVICE (NID)

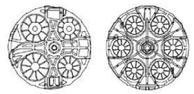


DETAIL – FIBER DISTRIBUTION HUB



Gel-Block Profiles

Drawing Key
1. Dome
2. Clamp
3. Base
4. Trigger



450 A 450 BS, B6, C6, D6

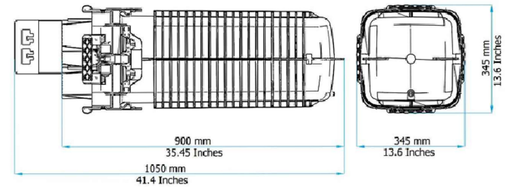
Closure Size (Dimensions in inches)	A	BS	B6	C6	D6
L Total closure length, excluding trigger	19	19	24	23	30
D Closure outer diameter, including clamp	8	9.2	9.8	11.5	11.5
Cable port dimensions (Dimensions in inches)	**4**	**6**	**6**	**6**	**6**
Number round cable ports	4	6	6	6	6
Cable diameter range	.30 -.87 (2X) .39 -1.10 (2X)	.35-1	.35-1	.35-1	.35-1

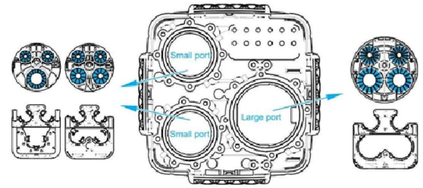
DETAIL NOTES:

1. CONTRACTOR SHOULD SELECT THE APPROPRIATE SPLICE ENCLOSURE FOR THE NUMBER OF SPLICES TO BE DONE. FOR MOST CASES THE 450 CASE WILL WORK.
2. RECOMMENDED SPLICE ENCLOSURE SIZING:
   COMMSCOPE 450-D NON-GEL SPLICE ENCLOSURES (AT THE FDH)
   COMMSCOPE 650-D NON-GEL SPLICE ENCLOSURES (AT FDH LOCATION IF NUMBER OF SPLICES EXCEED THE ALLOWABLE SPLICES OF THE 450).

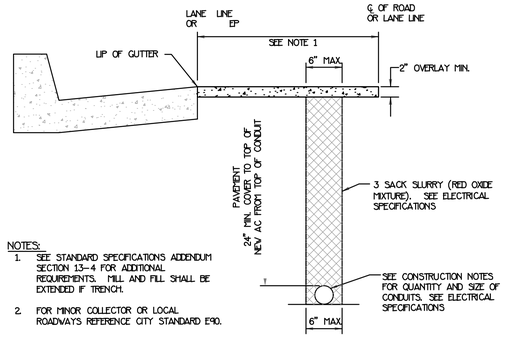
DETAIL – COMMSCOPE 450 & 650 NON-GEL SPLICE ENCLOSURES

FTTX SOLUTIONS OUTDOOR FDH 3000 HANDHOLE KITS	
DESCRIPTION	CATALOG NUMBER
30" x 60" HANDHOLE AND COVER KIT FOR EXTRA SMALL (24-144 FIBERS), SMALL (72-288 FIBERS) AND MEDIUM (72-432 FIBERS) CABINETS	FMS-ACE100-KIT-A
48" x 60" HANDHOLE AND COVER KIT FOR EXTRA SMALL (24-144 FIBERS), SMALL (72-288 FIBERS) AND MEDIUM (72-432 FIBERS) CABINETS	FMS-FD3EG-LKIT-A
48" x 60" HANDHOLE AND COVER KIT FOR LARGE (72-864 FIBERS) CABINETS	FMS-FD3J-KIT-A



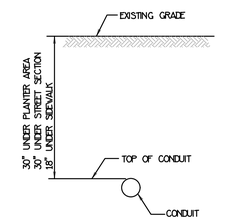


Gel Seals	Upper -Small Ports- # Ports	Upper -Small Ports- Cable Outside Diameter Min. - Max.	Lower -Large Ports- # Ports	Lower -Large Ports- Cable Outside Diameter Min. - Max.
Small 3-way	2	8 - 20 mm 0.32 - 0.79 inch	1	25 - 35 mm 1.0 - 1.38 inches
Small 4-way	2	8 - 22 mm 0.32 - 0.87 inch	2	10 - 28 mm 0.39 - 1.1 inches
Large 4-way	2	18 - 25 mm 0.7 - 1.0 inch	2	25 - 40 mm 1.0 - 1.6 inches



NOTES:
1. SEE STANDARD SPECIFICATIONS ADDENDUM SECTION 13-4 FOR ADDITIONAL REQUIREMENTS. MILL AND FILL SHALL BE EXTENDED IF TRENCH.
2. FOR MINOR COLLECTOR OR LOCAL ROADWAYS REFERENCE CITY STANDARD E90.

EXISTING ROADWAY CONSTRUCTION



DIRECTIONAL DRILL

DETAIL – EXISTING STREET CONSTRUCTION

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REVISIONS

NO.	DESCRIPTION	DATE	BY
1			
2			
3			
4			

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ
DATE FEBRUARY 2026
DESIGN BY: N. REAMES
R.C.E. C###### DATE FEBRUARY 2026
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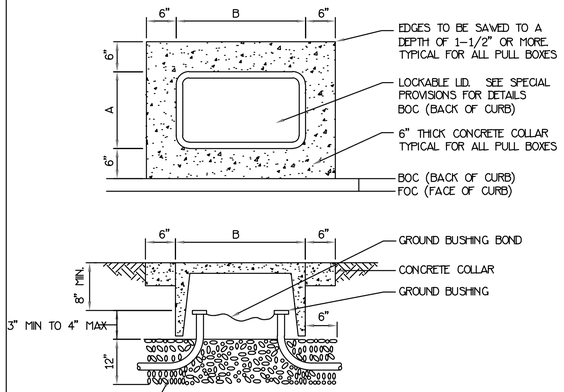
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
DETAILS (1 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
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REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 16 OF 18

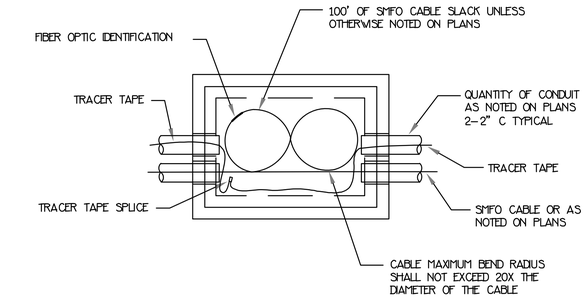


CONCRETE PULL BOX

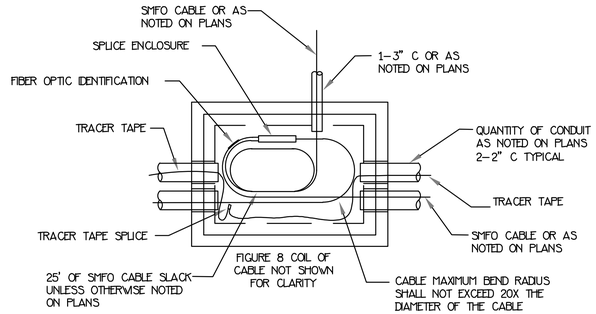
PULL BOX, ADDITONAL DESIGNATIONS OR DESCRIPTIONS

(C) – COMMUNICATIONS PULL BOX
(E) – PULL BOX WITH EXTENSION
(T) – TRAFFIC RATED PULL BOX
(TR)– TAMPER–RESISTANT PULL BOX

DETAIL – TRAFFIC SIGNAL PULL BOX

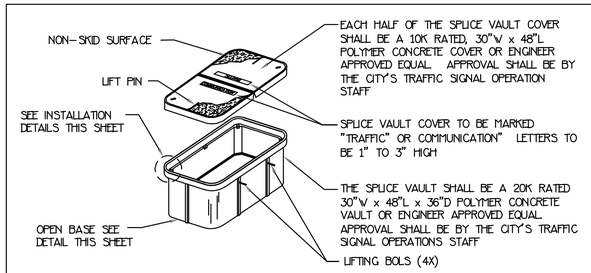


N48 VAULT WITH NO SPLICE
NO SCALE

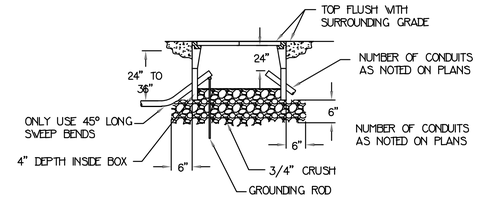


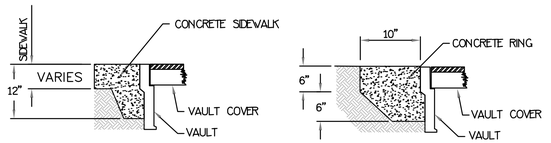
N48 VAULT WITH SPLICE
NO SCALE

DETAIL – FIBER OPTIC CABLE INSTALLATION DETAILS (N48 VAULT)



N48 SPLICE VAULT – 3–DIMENSIONAL VIEW
NO SCALE





N48 SPLICE VAULT INSTALLATION
NO SCALE

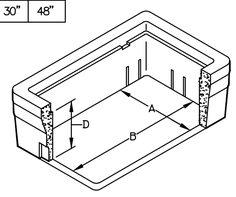
DETAIL – FIBER OPTIC CABLE INSTALLATION DETAILS

N48 SPLICE VAULT – 3–DIMENSIONAL VIEW

1. UPON ACCEPTANCE OF THE WORK, ALL CONDUITS SHALL BE SEALED WITH COMPATIBLE SEALANT MATERIAL.
2. ALL GROUND CONNECTIONS SHALL BE COATED WITH OXIDATION PROHIBITING COMPOUND.
3. ALL CONDUITS SHALL BE CAULKED OR GROUTED AFTER CONDUITS ARE INSTALLED.
4. VAULT SHALL BE INSTALLED ON A MINIMUM OF SIX (6) INCHES OF 3/4" CRUSHED ROCK. SEE DETAIL THIS SHEET. CONDUITS SHALL EXTEND ABOVE THE ROCK AND HAVE A MINIMUM OF TWENTY–FOUR–INCHES (24") OF CLEARANCE BELOW THE COVER.
5. VAULTS SHALL NOT BE WITHIN THE BOUNDARIES OF NEW OR EXISTING WHEELCHAIR RAMPS.
6. WHEN SPLICE VAULT IS INSTALLED IN SIDEWALK AREA AS NOTED ON THE PLANS, THE DEPTH OF THE SPLICE VAULT SHALL BE ADJUSTED SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE SIDEWALK.
7. ALL COVERS AND VAULTS SHALL BE INTERCHANGEABLE WITH CALIFORNIA STANDARD MALE AND FEMALE GAUGES. WHEN INTERCHANGED WITH A STANDARD MAIL OR FEMAIL GAGE, THE TOP SURFACES SHALL BE FLUSH WITHIN 1/8" OF AN INCH. TOP OUTSIDE EDGE OF ALL CONCRETE COVERS AND SPLICE VAULTS SHALL HAVE A 1/4" MINIMUM RADIUS.

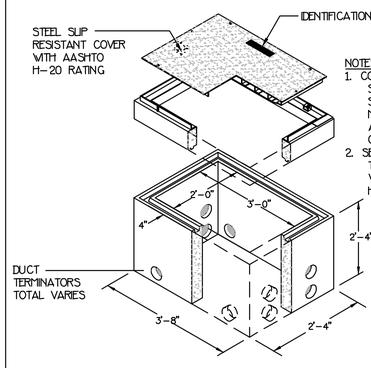
DETAIL – FIBER OPTIC CABLE INSTALLATION DETAILS

PULL BOX INFO											
MODEL	CITY PULL–BOX NO.	SUPPORTED WEIGTH (LBs)			EXTENTION DEPTH	BODY SIZE (NOM.)			COVER SIZE (NOM.)	
		COVER	BODY	EXTENTION		A	B	D		
N09		20	90	87	12"	20"	15"	12", 24", 36", 48", 60"	10"	15"
N16		32	112	113	12"	16"	25"		16"	25"
N30	5	44	138	116	12"	18"	27"		14"	23"
N36		76	172	189	12"	17"	30"		17"	30"
N40	6	196	172	189	12"	22"	35"		24"	36"
N48		396	376	288	10"	30"	48"		30"	48"

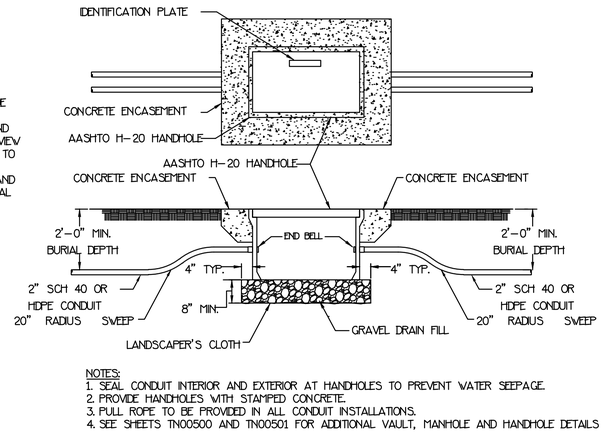


COVER:
1. STYLE R–SERIES, FLUSH, BOLT DOWN LOCKING
2. MATERIAL: COMPOSITE WITH UV INHIBITOR
3. SURFACE: SKID RESISTANT & MARKED.
4. COEFFICIENT OF FRICTION: >0.6 ASTM 1028
5. COEFFICIENT OF PERFORMANCE: ASTM C 857, WUC3.6 BODY:
1. MATERIAL: REINFORCED CONCRETE WITH COMPOSITE CAP
2. WALL TYPE: STRAIGHT
3. MOUSEHOLES: 0–2
4. COEFFICIENT OF PERFORMANCE: ASTM C 857, WUC3.6 EXTENSION:
1. MATERIAL: REINFORCED CONCRETE LOAD RATING:
1. LIGHT DUTY, PEDESTRIAN / GREENBELT

DETAIL – HANDHOLD SIZES (PEDESTRIAN RATED)

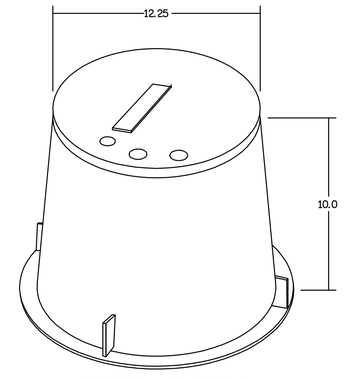


H–20 RATED HANDHOLE



NOTES:
1. SEAL CONDUIT INTERIOR AND EXTERIOR AT HANDHOLES TO PREVENT WATER SEEPAGE.
2. PROVIDE HANDHOLES WITH STAMPED CONCRETE.
3. PULL ROPE TO BE PROVIDED IN ALL CONDUIT INSTALLATIONS.
4. SEE SHEETS TN00500 AND TN00501 FOR ADDITIONAL VAULT, MANHOLE AND HANDHOLE DETAILS

DETAIL – H–20 RATED HANDHOLD (TRAFFIC RATED)



OLD CASTLE – FLOWER POT PULL BOX PART NUMBER 910

DETAIL – FLOWER POT

REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK X
SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
NORTHPOINTE
DETAILS (2 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 17 — OF — 18

CAD FILE: G:\ADSK\ACCDocs\GHD Services Pty Ltd\12656216 - Sacramento Last Mile\Project Files\01 WIP\CAD\CSD\Sheets\Tier 1\1 - Northpointe (City Owned)\12656216-GHD-01-01-UTL-CI-D502.dwg

SPLITTER # 1:64 PORT	PORT#	OTE	SPLICE #	OTE PORT	SPLITTER # 1:64 PORT	PORT#	OTE	SPLICE #	OTE PORT	SPLITTER # 1:64 PORT	PORT #	OTE	SPLICE #	OTE PORT	SPLITTER # 1:64 PORT	PORT #	OTE	SPLICE #	OTE PORT	SPLITTER # 1:64 PORT	PORT #	OTE	SPLICE #	OTE PORT
1 - 1:64 -1	1	12MH	1	1	2 - 1:64 -1	65	12MH	7	2	3 - 1:64 -1	129	12MH	13	7	4 - 1:64 -1	193	8MH	19	6	5 - 1:64 -1	257	12MH	27	9
1 - 1:64 -2	2	12MH	1	2	2 - 1:64 -2	66	12MH	7	3	3 - 1:64 -2	130	12MH	13	8	4 - 1:64 -2	194	8MH	19	7	5 - 1:64 -2	258	12MH	27	10
1 - 1:64 -3	3	12MH	1	3	2 - 1:64 -3	67	12MH	7	4	3 - 1:64 -3	131	12MH	13	9	4 - 1:64 -3	195	8MH	20	1	5 - 1:64 -3	259	12MH	28	1
1 - 1:64 -4	4	12MH	1	4	2 - 1:64 -4	68	12MH	7	5	3 - 1:64 -4	132	12MH	14	1	4 - 1:64 -4	196	8MH	20	2	5 - 1:64 -4	260	12MH	28	2
1 - 1:64 -5	5	12MH	1	5	2 - 1:64 -5	69	12MH	7	6	3 - 1:64 -5	133	12MH	14	2	4 - 1:64 -5	197	8MH	20	3	5 - 1:64 -5	261	12MH	28	3
1 - 1:64 -6	6	12MH	1	6	2 - 1:64 -6	70	12MH	7	7	3 - 1:64 -6	134	12MH	14	3	4 - 1:64 -6	198	8MH	20	4	5 - 1:64 -6	262	12MH	28	4
1 - 1:64 -7	7	12MH	1	7	2 - 1:64 -7	71	12MH	7	8	3 - 1:64 -7	135	12MH	14	4	4 - 1:64 -7	199	8MH	20	5	5 - 1:64 -7	263	12MH	28	5
1 - 1:64 -8	8	12MH	1	8	2 - 1:64 -8	72	12MH	7	9	3 - 1:64 -8	136	12MH	14	5	4 - 1:64 -8	200	8MH	20	6	5 - 1:64 -8	264	12MH	28	6
1 - 1:64 -9	9	12MH	1	9	2 - 1:64 -9	73	12MH	8	1	3 - 1:64 -9	137	12MH	14	6	4 - 1:64 -9	201	8MH	21	1	5 - 1:64 -9	265	12MH	28	7
1 - 1:64 -10	10	12MH	1	10	2 - 1:64 -10	74	12MH	8	2	3 - 1:64 -10	138	12MH	14	7	4 - 1:64 -10	202	8MH	21	2	5 - 1:64 -10	266	12MH	28	8
1 - 1:64 -11	11	12MH	1	11	2 - 1:64 -11	75	12MH	8	3	3 - 1:64 -11	139	12MH	14	8	4 - 1:64 -11	203	8MH	21	3	5 - 1:64 -11	267	12MH	28	9
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1 - 1:64 -13	13	12MH	2	1	2 - 1:64 -13	77	12MH	8	5	3 - 1:64 -13	141	12MH	14	10	4 - 1:64 -13	205	8MH	21	5	5 - 1:64 -13	269	12MH	28	11
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1 - 1:64 -18	18	12MH	2	6	2 - 1:64 -18	82	12MH	9	1	3 - 1:64 -18	146	12MH	15	3	4 - 1:64 -18	210	8MH	22	3	5 - 1:64 -18	274	12MH	29	4
1 - 1:64 -19	19	12MH	2	7	2 - 1:64 -19	83	12MH	9	2	3 - 1:64 -19	147	12MH	15	4	4 - 1:64 -19	211	8MH	22	4	5 - 1:64 -19	275	12MH	29	5
1 - 1:64 -20	20	12MH	2	8	2 - 1:64 -20	84	12MH	9	3	3 - 1:64 -20	148	12MH	15	5	4 - 1:64 -20	212	8MH	22	5	5 - 1:64 -20	276	12MH	29	6
1 - 1:64 -21	21	12MH	2	9	2 - 1:64 -21	85	12MH	9	4	3 - 1:64 -21	149	12MH	15	6	4 - 1:64 -21	213	8MH	22	6	5 - 1:64 -21	277	12MH	29	7
1 - 1:64 -22	22	12MH	2	10	2 - 1:64 -22	86	12MH	9	5	3 - 1:64 -22	150	12MH	15	7	4 - 1:64 -22	214	8MH	22	7	5 - 1:64 -22	278	12MH	29	8
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1 - 1:64 -30	30	12MH	3	7	2 - 1:64 -30	94	12MH	10	2	3 - 1:64 -30	158	12MH	16	5	4 - 1:64 -30	222	8MH	23	8	5 - 1:64 -30	286	12MH	30	5
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1 - 1:64 -33	33	12MH	3	10	2 - 1:64 -33	97	12MH	10	5	3 - 1:64 -33	161	12MH	16	8	4 - 1:64 -33	225	12MH	24	3	5 - 1:64 -33	289	12MH	30	8
1 - 1:64 -34	34	12MH	3	11	2 - 1:64 -34	98	12MH	10	6	3 - 1:64 -34	162	12MH	16	9	4 - 1:64 -34	226	12MH	24	4	5 - 1:64 -34	290	12MH	30	9
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1 - 1:64 -45	45	12MH	5	1	2 - 1:64 -45	109	12MH	11	6	3 - 1:64 -45	173	12MH	17	8	4 - 1:64 -45	237	8MH	25	5	5 - 1:64 -45	301	12MH	32	2
1 - 1:64 -46	46	12MH	5	2	2 - 1:64 -46	110	12MH	11	7	3 - 1:64 -46	174	12MH	17	9	4 - 1:64 -46	238	8MH	25	6	5 - 1:64 -46	302	12MH	32	3
1 - 1:64 -47	47	12MH	5	3	2 - 1:64 -47	111	12MH	11	8	3 - 1:64 -47	175	12MH	17	10	4 - 1:64 -47	239	8MH	25	7	5 - 1:64 -47	303	12MH	32	4
1 - 1:64 -48	48	12MH	5	4	2 - 1:64 -48	112	12MH	11	9	3 - 1:64 -48	176	12MH	17	11	4 - 1:64 -48	240	8MH	25	8	5 - 1:64 -48	304	12MH	32	5
1 - 1:64 -49	49	12MH	5	5	2 - 1:64 -49	113	12MH	11	10	3 - 1:64 -49	177	12MH	17	12	4 - 1:64 -49	241	8MH	26	1	5 - 1:64 -49	305	12MH	32	6
1 - 1:64 -50	50	12MH	5	6	2 - 1:64 -50	114	12MH	11	11	3 - 1:64 -50	178	12MH	18	1	4 - 1:64 -50	242	8MH	26	2	5 - 1:64 -50	306	12MH	32	7
1 - 1:64 -51	51	12MH	5	7	2 - 1:64 -51	115	8MH	12	1	3 - 1:64 -51	179	12MH	18	2	4 - 1:64 -51	243	8MH	26	3	5 - 1:64 -51	307	12MH	32	8
1 - 1:64 -52	52	12MH	5	8	2 - 1:64 -52	116	8MH	12	2	3 - 1:64 -52	180	12MH	18	3	4 - 1:64 -52	244	8MH	26	4	5 - 1:64 -52	308	12MH	32	9
1 - 1:64 -53	53	12MH	5	9	2 - 1:64 -53	117	8MH	12	3	3 - 1:64 -53	181	12MH	18	4	4 - 1:64 -53	245	8MH	26	5	5 - 1:64 -53	309	12MH	32	10
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1 - 1:64 -58	58	8MH	6	3	2 - 1:64 -58	122	8MH	12	8	3 - 1:64 -58	186	12MH	18	9	4 - 1:64 -58	250	12MH	27	2	5 - 1:64 -58				
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1 - 1:64 -61	61	8MH	6	6	2 - 1:64 -61	125	12MH	13	3	3 - 1:64 -61	189	8MH	19	2	4 - 1:64 -61	253	12MH	27	5	5 - 1:64 -61				
1 - 1:64 -62	62	8MH	6	7	2 - 1:64 -62	126	12MH	13	4	3 - 1:64 -62	190	8MH	19	3	4 - 1:64 -62	254	12MH	27	6	5 - 1:64 -62				
1 - 1:64 -63	63	8MH	6	8	2 - 1:64 -63	127	12MH	13	5	3 - 1:64 -63	191	8MH	19	4	4 - 1:64 -63	255	12MH	27	7	5 - 1:64 -63				
1 - 1:64 -64	64	12MH	7	1	2 - 1:64 -64	128	12MH	13	6	3 - 1:64 -64	192	8MH	19	5	4 - 1:64 -64	256	12MH	27	8	5 - 1:64 -64				

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REVISIONS

NO.	DESCRIPTION	DATE	BY
1			
2			
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5			

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK
X

SCALE
HORIZ. ?
VERT. ?

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. C###### DATE FEBRUARY 2026
CHECKED BY: E. FANSELAU R.C.E. C###### DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY

NORTHPOINTE

TABLE (1 OF 1)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER
KERRY AILEEN FLYNN
No. C73137
Ex. 12/31/26
CIVIL
STATE OF CALIFORNIA

12656216

SHEET
18
— OF —
18

IMPROVEMENT PLANS FOR
LAST MILE – CONDUIT FEEDER LINES
MARINA VISTA
CITY OF SACRAMENTO

GENERAL NOTES

1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS, DATED JUNE, 2007. THE CONTRACTOR SHALL OBTAIN AND USE ALL APPLICABLE ADDENDUMS.
2. THE CONTRACTOR SHALL BE IN RECEIPT OF CITY ACCEPTED PLANS PRIOR TO BEGINNING CONSTRUCTION WITHIN THE STREET RIGHT–OF–WAY. ACCEPTANCE OF PLANS BY THE CITY OF SACRAMENTO IS BASED ON THE ASSUMPTION THAT THE INFORMATION CONTAINED ON THE PLANS AND SUPPORTING DOCUMENTS IS CORRECT, AND DOES NOT SUBROGATE THE DESIGN ENGINEER'S RESPONSIBILITY FOR THIS PROJECT. ANY AND ALL ERRORS AND OMISSIONS ARE THE RESPONSIBILITY OF THE DESIGN ENGINEER.
3. CONTACT THE CITY OF SACRAMENTO CONSTRUCTION SECTION AT 808–8300 TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF AND REPAIR OF DAMAGE TO THEM. CONTACT UNDERGROUND SERVICE ALERT 1–800–642–2444, 48 HOURS BEFORE WORK IS TO BEGIN.
5. RESPONSIBILITY FOR FINAL ACCEPTANCE OF LINE AND GRADE BY THE CITY OF SACRAMENTO WILL BE ASSUMED ONLY IF CONSTRUCTION STAKES ARE SET BY THE CITY SURVEY CREWS OR THEIR DESIGNATED REPRESENTATIVE. CITY WILL SET CONSTRUCTION STAKES ONLY IF SO INDICATED ON THE "NOTICE TO PROCEED" WITH CONSTRUCTION ISSUED FOR THIS PROJECT. CONTACT CITY OF SACRAMENTO CONSTRUCTION SECTION TWO (2) WORKING DAYS IN ADVANCE FOR CONSTRUCTION STAKES WITHIN PUBLIC RIGHT–OF–WAY.
6. FOR ALL TRENCH EXCAVATIONS 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY (2424 ARDEN WAY, SUITE 165, SACRAMENTO – –PHONE 916–263–2800) PRIOR TO BEGINNING ANY EXCAVATION. A COPY OF THIS PERMIT SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND FURNISH, INSTALL, AND MAINTAIN TEMPORARY SIGNS, BRIDGES, BARRICADES, FLAGMEN, AND OTHER FACILITIES TO ADEQUATELY SAFEGUARD THE GENERAL PUBLIC AND WORK, AND TO PROVIDE FOR THE PROPER ROUTING OF VEHICULAR AND PEDESTRIAN TRAFFIC. CONSTRUCTION OPERATIONS SHALL COMPLY WITH THE WORK AREA AND TRAFFIC CONTROL HANDBOOK (WATCH). THE CONTRACTOR SHALL PROVIDE TO THE CITY TRAFFIC ENGINEER FOR REVIEW, A PLAN SHOWING TRAFFIC CONTROL MEASURES AND/OR DETOURS FOR VEHICLES AFFECTED BY THE CONSTRUCTION WORK. THE APPROVED PLAN SHALL BE DELIVERED TO THE CONSTRUCTION INSPECTOR PRIOR TO THE IMPLEMENTATION OF TRAFFIC CONTROL MEASURES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING RECORD DRAWINGS FOR ALL WORK THROUGHOUT THE COURSE OF CONSTRUCTION. SUCH DRAWINGS SHALL RECORD THE LOCATION AND GRADE (CITY DATUM) OF ALL UNDERGROUND IMPROVEMENTS CONSTRUCTED AND SHALL BE DELIVERED TO THE CONSTRUCTION INSPECTOR PRIOR TO, AND IN CONSIDERATION, OF THE CITY'S ACCEPTANCE OF WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS OR MARKERS DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE AND SEWER FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE AND SEWER IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
11. IF UNUSUAL AMOUNTS OF BONE, STONE OR ARTIFACTS ARE UNCOVERED, WORK WITHIN 50 METERS OF THE AREA SHALL CEASE IMMEDIATELY AND A QUALIFIED ARCHAEOLOGIST SHALL BE CONSULTED TO DEVELOP, IF NECESSARY, MITIGATION MEASURES TO REDUCE ANY ARCHAEOLOGICAL IMPACT TO A LESS THAN SIGNIFICANT EFFECT BEFORE CONSTRUCTION RESUMES IN THE AREA.
12. COST TO REMOVE AND REPLACE EXISTING PAVEMENT OVER UTILITY LINE TRENCHES SHALL BE INCLUDED IN THE BID PRICE. TRENCHES SHALL BE BACKFILLED AND PAVEMENT SHALL BE REPLACED PER CITY DETAIL T–80. PAVEMENT SHALL BE REPLACED IN KIND (MINIMUM OF 4"AC ON 12"AB) AS DETERMINED IN THE FIELD BY THE CITY INSPECTOR. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE RESTORED (IN THERMOPLASTIC).
13. PAVEMENT REPAIR NECESSARY DUE TO SUBSIDENCE RESULTING FROM TRENCH FAILURE OR OTHER DEFECTS IN WORKMANSHIP SHALL CONSIST OF KEY CUTTING AND OVERLAYING BETWEEN THE TWO NEAREST INTERSECTIONS, AS DETERMINED BY THE CITY INSPECTOR.
14. PIPE AND MANHOLE DIMENSIONS ARE TO THE CENTERLINE, UNLESS OTHERWISE NOTED.
15. AGGREGATE SUBBASE SHALL CONFORM TO CALTRANS SPECIFICATIONS DATED: JULY, 1992 A.S.B., SECTION 25.
16. IF WORK SHOWN ON THESE PLANS HAS NOT COMMENCED WITHIN TWO YEARS FROM THE DATE OF THE CITY'S ACCEPTANCE OF THE PLANS, A SUBSEQUENT PLAN REVIEW AT THE CITY'S DISCRETION AND THE DEVELOPER'S EXPENSE MAY BE NECESSARY.
17. CONTRACTOR SHALL COMPLY WITH THE CITY OF SACRAMENTO ADMINISTRATIVE AND TECHNICAL PROCEDURES MANUAL FOR GRADING/EROSION AND SEDIMENT CONTROL.
18. CONSTRUCT SURVEY MONUMENT WELL PER STD. DWG. T–350 AT LOCATIONS INDICATED ON THE FINAL MAP.
19. CONCRETE RESTORATION: COLOR OF NEW CONCRETE SHALL MATCH ADJACENT EXISTING CONCRETE BY ADDING LAMP BLACK.
20. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
21. THE EXACT WIDTH OF EXISTING PAVEMENT TO BE SALVAGED SHALL BE DETERMINED IN THE FIELD BY THE CONSTRUCTION SECTION.
22. EXISTING ASPHALT PAVEMENT SHALL BE CUT TO A NEAT STRAIGHT LINE. THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING.
23. THE EXACT LIMITS OF PAVEMENT OVERLAY SHALL BE DETERMINED IN THE FIELD BY THE CONSTRUCTION SECTION.
24. EXACT LIMITS OF CURB AND GUTTER, SIDEWALK, DRIVEWAY, AND PAVEMENT REMOVAL AND RECONSTRUCTION SHALL BE DETERMINED IN THE FIELD BY THE CONSTRUCTION SECTION.
25. SIX INCH (6") PERFORATED TUBING USED FOR SUBDRAINS SHALL BE CORRUGATED POLYETHYLENE TUBING CONFORMING TO ASTM F405 AND SHALL BE INSTALLED WHERE SHOWN ON THE PLANS WITH SLOPE TO MATCH GUTTER FLOW LINE. TUBING SHALL BE INSTALLED 2'–0" MINIMUM BELOW GUTTER FLOW LINE.



LOCATION MAP
NOT TO SCALE

N

SHEET INDEX

1 COVER SHEET
2 GENERAL NOTES
3 LEGEND
4 LAYOUT (1 OF 2)
5 LAYOUT (2 OF 2)
6 DETAILS (1 OF 2)
7 DETAILS (2 OF 2)

SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.

ACCEPTED BY: _____ Digitally signed by Adam Randolph Date: 2026.02.13 07:28:55-08'00'

ADAM RANDOLPH R.C.E 75035
SENIOR ENGINEER
DEPARTMENT OF PUBLIC WORKS

ACCEPTED BY: _____ Digitally signed by Pedro Sanchez DN: CN=Pedro Sanchez, OU=Technical Support Services, OU=IT, OU=COFS, DC=cityofsacramento, DC=org Date: 2026.02.13 08:21:20-08'00'

PEDRO SANCHEZ
TELECOMMUNICATIONS ENGINEER
DEPARTMENT OF INFORMATION TECHNOLOGY

UTILITY REPRESENTATIVES			
UTILITY	AGENCY	REPRESENTATIVE	PHONE
GAS	P.G.&E.	STEPHEN JONES	(916)248–4758
ELECTRICITY	S.M.U.D.	EDVARD OWEN	(916)366–3212
TELEPHONE	PACIFIC BELL	LEE NIETO	(916)505–7308
WATER	CITY OF SAC.	EDGAR BAZAN YA HER	(916)808–6847
SEWER	COUNTY OF SAC.	EDGAR SCHOLTZ	(916)876–6065
SEWER	CITY OF SAC.	EDGAR BAZAN YA HER	(916)808–6847
DRAINAGE	CITY OF SAC.	SIMON WAN	(916)808–4023
FIRE DISTRICT	CITY OF SAC.	KING TUNSON	(916)808–1358
CABLE T.V.	AT&T BROADBAND	N/A	N/A
U.S.A.	N/A	N/A	1–800–642 2444

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REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 3		

BENCH MARK ELEV. _____
DESCRIPTION _____

FIELD BOOK
X
SCALE
HORIZ. ____
VERT. ____

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ	DESIGN BY: N. REAMES	CHECKED BY: K. FLYNN
DATE FEBRUARY 2026	R.C.E. N/A DATE FEBRUARY 2026	R.C.E. C73137 DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
MARINA VISTA
COVER SHEET

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2600 Capitol Ave Suite 100
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REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 1 OF 7

GENERAL NOTES (CONT.)

26. FILTER FABRIC USED FOR SUBDRAINS SHALL CONFORM TO CALTRANS SPECIFICATIONS DATED JULY, 1992, SECTION 88. FABRIC LINING TO BE COMPLETELY AROUND TUBING TRENCH AND COMPLETELY OVERLAPPED ON THE TOP SIDE OF TRENCH.
27. CONSTRUCT SURVEY MONUMENT WELL PER STD. DWG. CE6 AT LOCATIONS INDICATED ON THE FINAL MAP.
28. COMPACTION OF TRENCH BACKFILL BY MEANS OF JETTING IS NOT PERMITTED WITHIN THE CITY OF SACRAMENTO UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CITY ENGINEER.
29. GUTTER SLOPES FROM FLOWLINE TO LIP SHALL BE FIVE PERCENT BETWEEN ROUND CORNER CURB RETURNS. THE FIVE PERCENT SLOPED SHALL BE TRANSITIONED TO THE STANDARD GUTTER SLOPE OVER A DISTANCE OF THREE TO FIVE FEET, AS DIRECTED IN THE FIELD BY RESIDENT ENGINEER. THE GUTTER SLOPE ADJACENT TO HANDICAP RAMPS SHALL IN NO CASE BE GREATER THAN FIVE PERCENT.

GENERAL NOTES – DUCTBANKS

1. THE CONTRACTOR SHALL PROVIDE A COMPLETE FIBER OPTIC CABLING SYSTEM. THE CONTRACTOR SHALL VERIFY ALL DISTANCES SHOWN IN THE DRAWINGS RELATED TO THE INSTALLATION OF INFRASTRUCTURE AND CABLING PRIOR TO ORDERING AND INSTALLING OF THE SYSTEM AND RELEATED INFRASTRUCTURE.
2. TOTAL NUMBER OF HOMES PASSED = (386) 1
3. CONTRACTOR SHALL TERMINATE FIBER ON EXTERIOR WALL OF RESIDENCE IN NETWORK INTERFACE BOX (NIB).
4. SERVICE PROVIDER SHALL PROVIDE PATCH/DROP CABLES FROM NIB INTO RESIDENCE.
5. SERVICE PROVIDER SHALL INSTALL CONDUIT, FIBER FROM OLT–NORTH TO FDH (11) 1
6. SERVICE PROVIDER SHALL PROVIDE AND TERMINATION HARDWARE FOR SERVICE PROVIDER FIBER.
7. CONTRACTOR SHALL INSTALL 12–STRANDS OF SINGLEMODE FIBER BETWEEN FDH–(11) AND RIDUM HH IN SW CORNER OF 5TH ST AND 1ST AVE. 1 1 FIBER TO BE SPLICED TO FIBER SPLITTERS AT FDH HANDHOLE. FAR–END OF FIBER CABLE, COIL 100 FEET OF CABLE AND PROTECT IN CITY OWNED HANDHOLE.
8. FIBER INSTALLED FROM HANDHOLE TO NIB SHALL BE INSTALLED IN 3/4–INCH CONDUIT.

GENERAL NOTES – FIBER PLANT

1. THE SYSTEM INSTALLED BY THE CONTRACTOR SHALL INCLUDE SUPPORTING INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO CONDUIT, HANDHOLES, MANHOLES.
2. DUCT BANKS MAYBE EITHER DIRECTIONAL BORED OR TRENCHED. PLOWING AND AERIAL ARE PROHIBITED.
3. UNLESS OTHERWISE NOTED ALL DUCTBANKS ARE 1–WAY.
4. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE RETURNED TO THE EXISTING CONDITION PRIOR TO START OF WORK.
5. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.
6. ALL DIRECTIONAL CORES CROSSING ROADS SHALL CROSS AS CLOSE TO 90 DEGREES AS POSSIBLE. CROSSING SHALL NEVER CROSS AT AN ANGLE LESS THAN 45 DEGREES.
7. NO MORE THAN ONE TRENCH OPEN AT ONE TIME THEN BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT).
8. SIZE AND QUANTITY OF CONDUITS IN DUCT BANKS ARE SHOWN IN THE DRAWINGS.
9. RECOMMEND SIZE OF HANDHOLES IS SHOWN IN THE DRAWINGS.
10. ACCEPTABLE CONDUIT THAT MAYBE INSTALLED ARE HDPE AND SCHEDULE 40
11. INSTALLATION OF THE FIBER OPTIC SYSTEM SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. BULK FIBER INSTALLED IN DUCT BANKS SHALL NOT EXCEED 40% CONDUIT FILL.
12. THE DESIGN IS FOR 100% COVERAGE. NOT ALL RESIDENCES WILL BE SUBSCRIBERS. CONTRACTOR SHALL PROTECT THE UNUSED PORT ON THE TERMINAL, PER MANUFACTURER'S INSTRUCTIONS, FOR FUTURE CONNECTION WHEN SERVICE IS REQUESTED.
13. THE DESIGN SHOWS INTENT. CABLE PATHS ARE AN APPROXIMATE LOCATION AND SHALL BE PLACED IN THE UTILITY RIGHT OF WAY. CABLE PATHS ARE AN APPROXIMATE LOCATION AND SHALL BE PLACED IN THE UTILITY RIGHT OF WAY.
14. SERVICE DROP PATHS ARE A GRAPHICAL IN NATURE ONLY AND ARE NOT INTENDED FOR CONSTRUCTION.
15. THE CONTRACTOR SHALL WALK THE SITE TO VERIFY THE APPROPRIATE LOCATION OF ALL INFRASTRUCTURE AND VERIFY DISTANCES SHOWN IN THE DRAWINGS.
16. THE CONTRACTOR SHALL PROVIDE A COMPLETE FIBER OPTIC CABLING SYSTEM. THE CONTRACTOR SHALL VERIFY ALL DISTANCES SHOWN IN THE DRAWINGS RELATED TO THE INSTALLATION OF INFRASTRUCTURE AND CABLING PRIOR TO ORDERING AND INSTALLING OF THE SYSTEM AND RELEATED INFRASTRUCTURE.
17. THE NUMBER OF CONDUITS NECESSARY TO INSTALL THE FIBER OTPIC SYSTEM ARE SHOWN IN THE DRAWINGS. THE CONTRACTOR SHALL VERIFY THAT THE SIZE AND QUANITY OF CONDUIT WILL MEET THE INSTALLATION REQUIREMENTS FOR THE SYSTEM BEING INSTALLED.
18. FIBER OPTIC CABLE SHALL BE INSTALLED IN 3/4 INCH CONDUIT FROM THE HANDHOLES TO THE RESIDENCE NETWORK INTERFACE BOX (NIB).
19. ALL FIBER OPTIC CABLING SHALL BE DIELECTRIC, LOOSE TUBE SINGLEMODE OS2 (9/125 µM).
20. WHEN INSTALLING HANDHOLES IN NON–TRAFFIC AREAS, SUCH AS GRASSY AREAS, SIDEWALKS, OR RAISED ISLANDS, THE CONTRACTOR SHALL SELECT HANDHOLES RATED FOR PEDESTRIAN TRAFFIC, WHICH HAVE LOWER LOAD REQUIREMENTS THAN TRAFFIC–RATED ENCLOSURES FOR INSTALLATION IN NON–TRAFFIC AREAS.
21. ACCESSIBILITY: THE LOCATION SHOULD BE ACCESSIBLE FOR MAINTENANCE AND FUTURE WIRING CHANGES. WHEN EVER POSSIBLE PLACING HANDHOLES ADJACENT TO SIDEWALKS RATHER THAN IN THE SIDEWALK/PEDESTRIAN WALK–WAY.
22. HANDHOLES IN STREET LOCATED IN HIGH–TRAFFIC AREAS SUCH AS ROADWAYS:
    a. SELECT TRAFFIC–RATED HANDHOLES: USE HANDHOLES SPECIFICALLY DESIGNED TO WITHSTAND VEHICULAR TRAFFIC. HANDHOLES SHALL HAVE H–20 RATING. ENSURE SUFFICIENT CLEARANCE AND A CONCRETE OR ASPHALT APRON TO ACHIEVE A FULL H–20 RATING.
    b. COMPLY WITH ANSI/SCTE 77–2013 AND ASHTO H20: VERIFY THE HANDHOLE ENCLOSURES MEET THIS STANDARD FOR INTEGRITY AGAINST TRAFFIC LOADS.
    c. THE CONTRACTOR SHALL TRY TO AVOID HEAVY VEHICLE TRAFFICKED AREAS WHENEVER POSSIBLE. LOCATE THE HANDHOLE TO THE SIDE OF THE ROADWAY TO LIMIT TRAFFIC RESTRICTION.
    d. INSTALL HANDHOLES FLUSH WITH THE SURROUNDING GRADE IN PAVED AREAS TO PREVENT TRIPPING HAZARDS AND DAMAGE.
    e. CONTRACTORS SHALL CHOOSE A LOCATION THAT PROVIDES EASY ACCESS WHILE AVOIDING UNDERGROUND OBSTACLES AND COMPLYING WITH SAFETY STANDARDS.
23. THE LOCATION OF HANDHOLES ON THE DRAWINGS NEEDS TO BE VERIFIED FOR PROPER INSTALLATION. WHEN CHOOSING A LOCATION TO INSTALL A HANDHOLE THE CONTRACTOR SHALL CHOOSE AN ACCESSIBLE LOCATION FOR THE UTILITY SYSTEM, AVOIDING UNDERGROUND OBSTACLES. HANDHOLES CAN BE PLACED IN GRASS, SIDEWALKS, OR RAISED ISLANDS, BUT NOT IN PAVEMENT WITHIN THE TRAVEL WAY OR SHOULDER.
24. CONTRACTOR SHALL DIG A HOLE LARGE ENOUGH FOR THE HANDHOLE AND ITS COMPONENTS. FOR NON–TRAFFIC RATED HANDHOLES, EXCAVATE BELOW GRADE WITH AT LEAST THREE INCHES OF CLEARANCE ON EACH SIDE.
25. CONTRACTOR SHALL CREATE A STABLE BASE USING 6 INCHES OF COMPACTED CRUSHED ROCK OR GRANULAR MATERIALS OR AN 8" TO 10" DEEP BASE OF COMPACTED CRUSHED STONE. ENSURE THE SUBGRADE IS COMPACTED ACCORDING TO THE SOIL ENGINEER'S DIRECTIONS. SEPARATE THE GRAVEL FROM THE SOIL BENEATH WITH LANDSCAPING CLOTH.
26. CONTRACTOR SHALL PLACE THE HANDHOLE STRUCTURE LEVEL AND ALIGNED WITH THE CONDUIT OR WIRING SYSTEM. SIDE PANELS CAN BE SET BY HAND OR WITH A LIFTING AID.
27. CONDUIT CONNECTIONS: CONNECT CONDUITS OR CABLES USING CONDUIT BELL, ELBOWS AND FITTINGS TO GUIDE THE CABLES. CONNECTIONS SHOULD BE SMOOTH AND AT THE FLOOR LEVEL. DUCTS SHOULD ENTER IN A SINGLE LAYER AND IN SEQUENCE. CONDUIT BEND RADII SHALL BE NO LESS THAN 6–TIMES, THE DIAMETER OF THE INSIDE CONDUIT FOR CONDUIT LESS THAN 2–INCHES AND 10–TIMES THE INSIDE DIAMETER OF THE CONDUIT FOR CONDUIT 2–INCHES AND GREATER.
28. THE CONTRACTOR SHALL BACKFILL AND COMPACT THE SOIL AROUND AND BELOW THE HANDHOLE. COMPACT THE BACKFILL AROUND THE HANDHOLE WITH EXCAVATED MATERIAL, COMPACTING IN 12–INCH INCREMENTS. MANUAL COMPACTION IS RECOMMENDED, ESPECIALLY IN HIGH WATER TABLE AREAS. PROPER SOIL COMPACTION HELPS PREVENT FUTURE SETTLING.
29. THE CONTRACTOR SHALL COVER AND SEALING: COVER THE HANDHOLE WITH A SECURE LID. THE LID SHOULD HAVE A LOCKING MECHANISM AND WITHSTAND EXTERNAL FORCES.
30. THE CONTRACTOR SHALL ENSURE ALL DUCT ENTRIES AND EXITS ARE WATERTIGHT, WITH DUCTS COUPLED AND SEALED TO PREVENT WATER INFILTRATION.
31. CONTRACTOR SHALL INSTALL THE MINIMUM CONDUIT DEPTH SHOULD BE 24–INCHES BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
32. ALL CABLE SHALL BE BURIED AT 24" UNLESS OTHERWISE NOTED.
33. ALL DIRECTIONAL BORES SHALL HAVE A MINIMUM OF 30" COVER UNLESS OTHERWISED NOTED.
34. THE CONTRACTOR SHALL HAVE A COPY OF THE APPROVED PERMIT FROM THE APPROPRIATE AGENCY ON THE JOBSITE AT ALL TIMES.
35. NO MORE THAN ONE TRENCH OPEN AT ONE TIME THEN BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT).
36. GROUNDING IS ONLY REQUIRED FOR HANDHOLES THAT HAVE METALLIC COMPONENTS. GROUNDING: THE GROUNDING SYSTEM SHOULD USE AN INSULATED CONDUCTOR CONNECTED TO A GROUNDING ROD INSTALLED IN THE HANDHOLE PER GROUNDING DETAILS IN THE DRAWINGS. COMPONENTS THAT WILL REQUIRE THE GROUNDING OF A HANDHOLE ARE HANDHOLE COVER AND FRAME. METAL COVERS AND EXPOSED CONDUCTIVE SURFACES OF HANDHOLE ENCLOSURES MUST BE CONNECTED TO AN EQUIPMENT GROUNDING CONDUCTOR, ENSURING A PERMANENT, CONTINUOUS, AND EFFECTIVE GROUNDING PATH. CLEAN GROUNDING ATTACHMENTS TO ENSURE QUALITY CONNECTION.
37. BONDING SHALL BE PROVIDED BETWEEN ALL ABOVE GROUND METALLIC POWER AND COMMUNICATION PEDESTALS THAT ARE SEPERATED BY 6 FEET OR LESS (REFERENCE 1993 NESC SECTION 35, ARTICLE 350.F)
38. IF THE HANDHOLE IS WITHIN PEDESTRIAN ACCESS ROUTES, THE TOP OF THE COVER MUST HAVE NO VERTICAL SURFACE DISCONTINUITIES GREATER THAN 1/4 INCH, NO GAPS GREATER THAN 1/2 INCH, AND BE FIRM, STABLE, AND SLIP–RESISTANT.
39. SAFETY: ADHERE TO SAFETY MEASURES, INCLUDING USING THE CORRECT TOOLS, WEARING PROTECTIVE GEAR, AND ENSURING INSTALLATIONS MEET INDUSTRY STANDARDS AND LOCAL CODES. AVOID USING HEAVY EQUIPMENT LIKE BACKHOES FOR TAMPING.
40. ADDITIONAL CONSIDERATIONS:
41. CONDUIT CAPACITY: LIMIT THE TERMINATION OF CONDUITS IN A HANDHOLE TO SIX TO FACILITATE FUTURE WIRING CHANGES.
42. SEAL ALL CONDUIT CONNECTIONS CAREFULLY TO PREVENT WATER AND DEBRIS FROM ENTERING THE SYSTEM.
43. PEDESTRIAN ACCESSIBILITY: DURING INSTALLATION IN AREAS WITH PEDESTRIAN TRAFFIC, PRIORITIZE ACCESSIBILITY, ESPECIALLY FOR INDIVIDUALS WITH DISABILITIES.
44. DELINEATED WALKWAYS: WHEN INSTALLING NEAR DRIVEWAYS OR SIDEWALKS, ENSURE CLEAR AND SAFE PEDESTRIAN WALKWAYS, MINIMIZING CROSSING DISTANCES.
45. CONTRACTOR SHALL SELECT DURABLE MATERIALS LIKE POLYMER CONCRETE, STEEL, OR REINFORCED CONCRETE FOR DURABILITY AND RESISTANCE TO TRAFFIC LOADS AND ENVIRONMENTAL FACTORS.
46. HANDHOLE COVERS SHOULD BE SECURE AND REQUIRE TOOLS TO OPEN, OR BE HEAVY ENOUGH TO DETER UNAUTHORIZED ACCESS.
47. LABELING: LABEL HANDHOLE COVERS CLEARLY WITH THEIR FUNCTION (E.G., "TELECOM" OR "COMMUNICATIONS").
48. COMPLIANCE WITH STANDARDS: FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES AND STANDARDS THROUGHOUT THE INSTALLATION PROCESS.
49. SAFETY PRACTICES: PRIORITIZE SAFETY DURING INSTALLATION, USING PROPER TOOLS AND PROTECTIVE GEAR.
50. LOCATING SERVICES: PRIOR TO ANY EXCAVATION, USE TOOLS LIKE CABLE LOCATORS OR GROUND PENETRATION RADAR (GPR) TO IDENTIFY EXISTING UNDERGROUND UTILITIES.
51. EXCAVATION NEAR POWER CABLES: MAINTAIN SAFE SEPARATION DISTANCES (600MM HORIZONTALLY AND 300MM VERTICALLY) WHEN EXCAVATING NEAR HIGH VOLTAGE POWER CABLES.
52. REINSTATEMENT OF AREA: UPON COMPLETION, RESTORE THE SURROUNDING AREA TO ITS ORIGINAL STATE OR BETTER.
53. ALL CONDUITS TO BE INSTALLED ON THIS PROJECT SHALL BE 2–INCH SCHEDULE 40 PVC OR 2–INCH HDPE.
54. UNLESS OTHERWISE NOTED ALL CONDUIT DUCTBANKS ARE (1) 2–INCH CONDUIT.
55. CONTRACTOR TO MARK UP PLANS AND PROVIDE AS–BUILTS REFLECTING FINAL HANHOLE LOCATIONS, WALL TO WALL DISTANCES, CONDUITS DEPTHS (BORE LOGS) AND ANY OTHER DEVIATIONS FROM THE PROJECT PLANS.
56. CONTACT THE ENGINEER OR PROJECT COORDINATOR IF THERE ARE QUESTIONS OR CONCERNS WITH THE DRAWINGS OR COUNTS.
57. CONTACT PROJECT COORDINATOR, OR ENGINEER PRIOR TO MAKING ANY CHANGES.

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REVISIONS NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 3		

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK X
SCALE
HORIZ. ____
VERT. ____

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. N/A DATE FEBRUARY 2026
CHECKED BY: K. FLYNN R.C.E. C73137 DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
MARINA VISTA
GENERAL NOTES

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Sacramento California 95816 USA
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REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 2 OF 7

SUMMARY OF SPLICE INFORMATION

168
1
SV #005 ES SEC #2
(1-1:64-1 THRU 28)
PL SE

48
2
SV #011 ES SEC #3
(2-1:64-29 THRU 46)
PL SE

144
3
SV #017 ES SEC #5
(2-1:64-47 THRU 56)
PL SE

72
4
SV #025 ES SEC #4
(3-1:64-57 THRU 4-1:64-26)
PL SE

72
5
SV #029 ES SEC #4
(3-1:64-57 THRU 4-1:64-27)
PL SE

72
6
SV #033 ES SEC #6
(4-1:64-28 THRU 5-1:64-6)
PL SE

48
7
SV #039 ES SEC #8
(5-1:64-7 THRU 35)
PL SE

36
8
SV #040 MS SEC #9
(5-1:64-36 THRU 57)
PL SE

48
9
SV #042 ES SEC #4
(1-1:64-58 THRU 6-1:64-16)
PL SE

12
10
SV #003 SEC #1
PL 450-D
HORIZ. (1-307)
INPUT (1-6)

1

SECTOR/CABLE INFORMATION

1 SEC #1
12-SMF PL 3550' _____ (F)
FDH #02, 1-75
PL 450-D SE

2 SEC #2
144- SMF PL 1794' _____ (F)
1-24-SMF PL 1794'
FDH #02, 1-1:64-1 THRU 2-1:64-28
PL 450-D SE

3 SEC #3
48- PL 533' _____ (F)
FDH #02, 2-1:64-29 THRU 2-1:64-46
PL 450-D SE

4 SEC #4
72-SMF PL 1718' _____ (F)
FDH #02, 3-1:64-57 THRU 4-1:64-26
PL 450-D SE

5 SEC #5
144-SMF PL 1733' _____ (F)
FDH #02, 1-1:64-47 THRU 3-1:64-56
PL 450-D SE

6 SEC #6
72-SMF PL 1650' _____ (F)
FDH #02, 3-1:64-57 THRU 4-1:64-27
PL 450-D SE

7 SEC #7
72-SMF PL 1280' _____ (F)
FDH #02, 4-1:64-28 THRU 5-1:64-6
PL 450-D SE

8 SEC #9
96-SMF PL 1150' _____ (F)
FDH #02, 5-1:64-7 THRU 5-1:64-35
PL 450-D SE

9 SEC #9
96-SMF PL 1150' _____ (F)
FDH #02, 5-1:64-36 THRU 6-1:64-16
PL 450-D SE

1

EXISTING UTILITIES AND PARCEL LINE

(E) STORM DRAIN LINE ——sd——sd——
(E) SANITARY SEWER LINE ——SS——
(E) WATER LINE ——W——
PARCEL LINE ————————

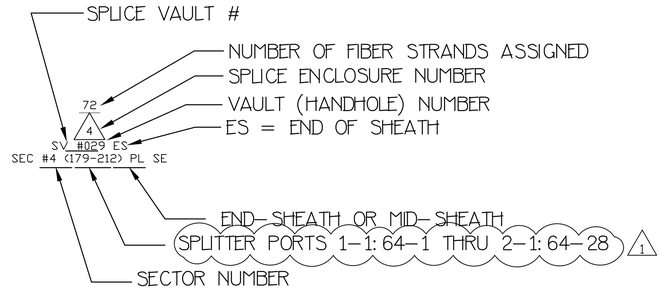
CONDUIT LEGEND

HH #___
N__

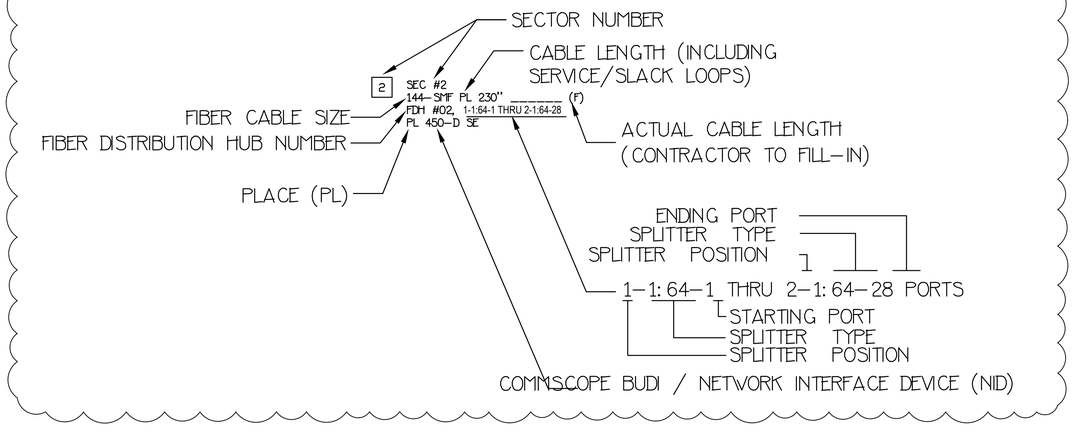
NUMBER OF FIBER STRANDS ASSIGNED
TYPE VAULT/HANDHOLE N36 OR N48

2-INCH CONDUIT
3/4-INCH CONDUIT

FIBER LEGEND



1



NID -1 COMMSCOPE BUDI / NETWORK INTERFACE DEVICE (NID)

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REVISIONS NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 3		

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK: X
SCALE: HORIZ. ____ VERT. ____

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. N/A DATE FEBRUARY 2026
CHECKED BY: K. FLYNN R.C.E. C73137 DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
MARINA VISTA
LEGEND

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2600 Capitol Ave Suite 100
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T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRY MILEER FLYNN No. C73137 Ex. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 3 — OF — 7



MATCH LINE – SEE SHEET 5

SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL DUCT BANKS ARE 1 – 2" CONDUITS.

N

SITE PLAN
1"=80'

CAD FILE: C:\ADSK\ACCDocs\GHD Services Pty Ltd\12656216 - Sacramento Last Mile\Project Files\01 WIP\Civil\CAD\Sheets\Tier 1\3 - Marina Vista (SMRA)\12656216-GHD-01-03-UTL-D-2101.dwg

REVISIONS NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 3		

BENCH MARK ELEV. _____
DESCRIPTION

FIELD BOOK: X
SCALE
HORIZ. ____
VERT. ____

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. N/A DATE FEBRUARY 2026
CHECKED BY: K. FLYNN R.C.E. C73137 DATE FEBRUARY 2026

IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
MARINA VISTA
LAYOUT (1 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRI AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 4 OF 7

MATCH LINE – SEE SHEET 4



SHEET NOTES

1. REFER TO GENERAL NOTES ON DRAWING G-001.
2. UNLESS NOTED OTHERWISE ALL DUCT BANKS ARE 1 – 2" CONDUITS.

N

SITE PLAN
1" = 80'

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REVISIONS			
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1	ADDENDUM 3		

BENCH MARK ELEV. _____
DESCRIPTION

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CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

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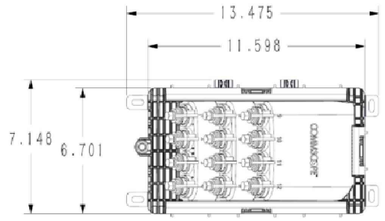
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
MARINA VISTA
LAYOUT (2 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

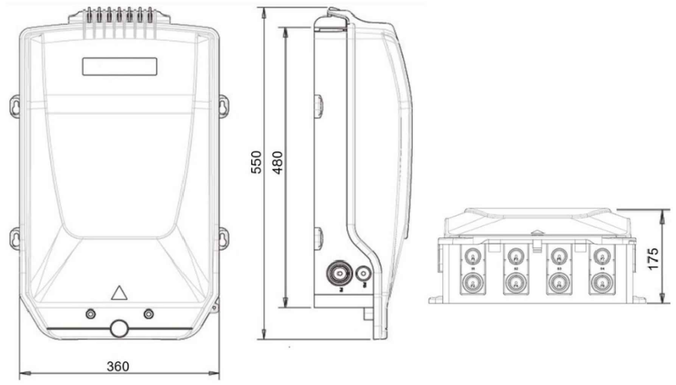
REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

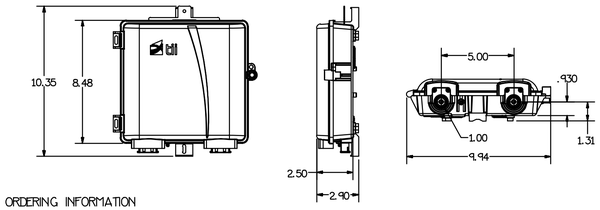
SHEET 5 OF 7



DETAIL – CommScope Mini-OTE-300



DETAIL – MULTIPLE DWELLING UNIT – COMMSCOPE BUDI 12 OR 24 STRAND TERMINATION



ORDERING INFORMATION

Model No.	Description	Standard Pkg.
506F-01-01-01-N	Fiber Interface Device 1 Port SC-APC	5 ea. 10.5"x10.5"x16" – 6.06 lbs.
506F-01-01-02-N	Fiber Interface Device 2 Port SC-APC	5 ea. 11"x11"x16" – 6.7 lbs.
506F-02-01-06-N	Fiber Interface Device 6 Port SC-APC	5 ea. 11"x11"x16" – 12 lbs.
506F-04-01-12-N	Fiber Interface Device 12 Port SC-APC	5 ea. 11"x11"x16" – 15 lbs.

CUSTOM MODEL NUMBER MATRIX

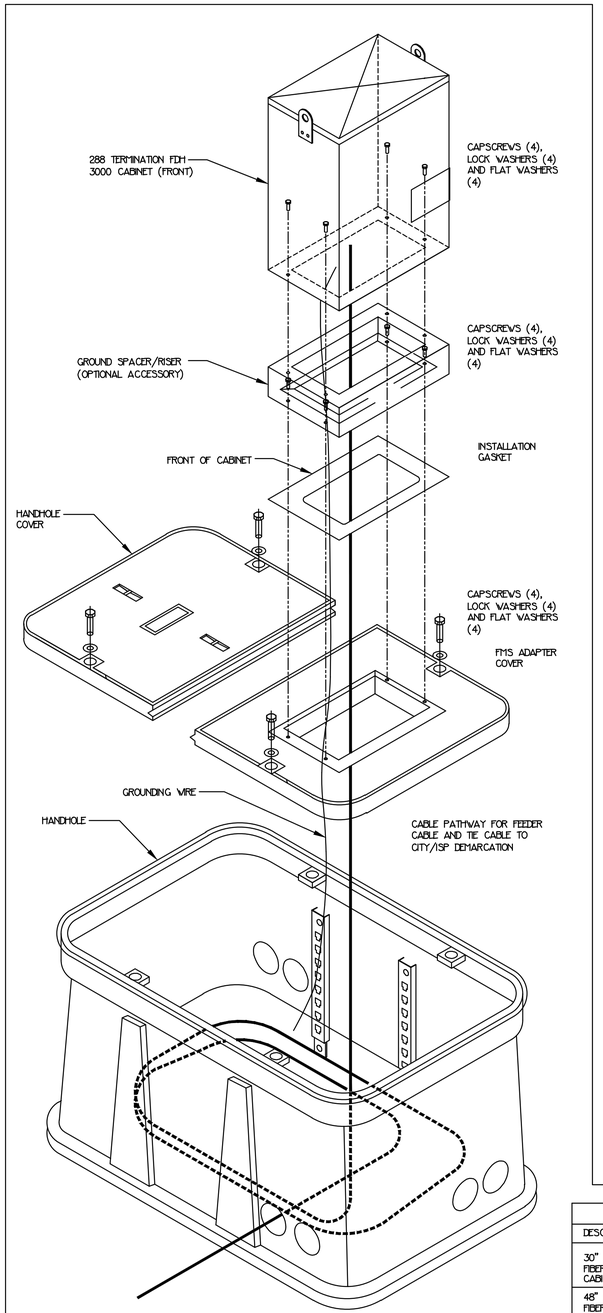
506F –XX	–XX	–XX	–X	X
Adapter Mounting Options	Adapter Type	# of Ports	Configuration Options	Grommets (Optional)
01 = Fiber Plate (1, 2, or 4 adapters only) 02 = Fiber Plate (6 Adapters) 04 = Fiber Plate (12 Adapters)	01 = SC/APC 02 = SC/UPC 03 = LC/APC 04 = LC/UPC	01 = 1 02 = 2 04 = 4 06 = 6 12 = 12 24 = 24 (LC only)	N = None C = Cable Entry Clamp E = External Ground D = External Ground and Cable Entry Clamp Installed	None = 2 Standard Grommets C = 2 Conduit Grommets G = 1 Standard Grommet, 1 Conduit Grommet (1/2") P = 1 Conduit Grommet (1/2"), 1 Compression Grommet

ACCESSORIES

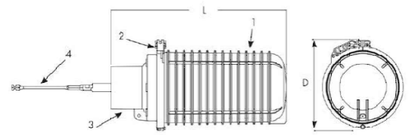
Model No.	Description	Standard Pkg.
FP01-01-01	Fiber Adapter Plate Slack Ring with SC-APC Adapter	50 ea. 8" x 9" x 23" – 5 lbs.
506F-GRM-KIT	Grommets for 506F Standard Grommet (2 ea.)	
506F-CMP-GRM-KIT	Grommets for 506F 1/2" Compression Entry (2 ea.)	
506F-CON-GRM-KIT1/2	Grommets for 506F 1/2" Conduit Entry (2 ea.)	
506F-CON-GRM-KIT3/4	Grommets for 506F 3/4" Conduit Entry (2 ea.)	
506F-OC	Hardened Fiber Connector Mounting Collar with Rubber Boot	
BKT-506F-OT	Mounting Bracket, Hardened Fiber Connector Compatible Adapter (not included)	

Tii Technologies Inc. FIBER INTERFACE DEVICE / SLACK STORAGE UNIT (506F Series)

DETAIL – SINGLE FAMILY UNIT (SFU) – NETWORK INTERFACE DEVICE (NID)

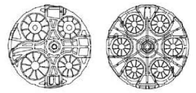


DETAIL – FIBER DISTRIBUTION HUB



Gel-Block Profiles

Drawing Key
1. Dome
2. Clamp
3. Base
4. Trigger



450 A 450 BS, B6, C6, D6

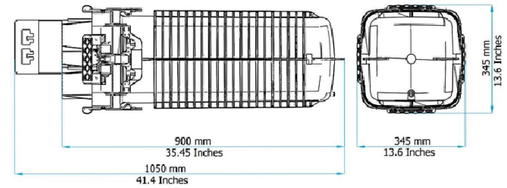
Closure Size (Dimensions in inches)	A	B3	B6	C6	D6
L Total closure length, excluding trigger	19	19	24	23	30
D Closure outer diameter, including clamp	8	9.2	9.8	11.5	11.5
Cable port dimensions (Dimensions in inches)	**4**	**6**	**6**	**6**	**6**
Number round cable ports	4	6	6	6	6
Cable diameter range	.30-.87 (2X) .39-1.10 (2X)	.35-1	.35-1	.35-1	.35-1

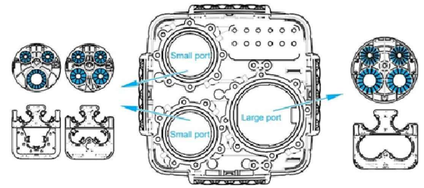
DETAIL NOTES:

1. CONTRACTOR SHOULD SELECT THE APPROPRIATE SPLICE ENCLOSURE FOR THE NUMBER OF SPLICES TO BE DONE. FOR MOST CASES THE 450 CASE WILL WORK.
2. RECOMMENDED SPLICE ENCLOSURE SIZING:
   COMMSCOPE 450-D NON-GEL SPLICE ENCLOSURES (AT THE FDH)
   COMMSCOPE 650-D NON-GEL SPLICE ENCLOSURES (AT FDH LOCATION IF NUMBER OF SPLICES EXCEED THE ALLOWABLE SPLICES OF THE 450).

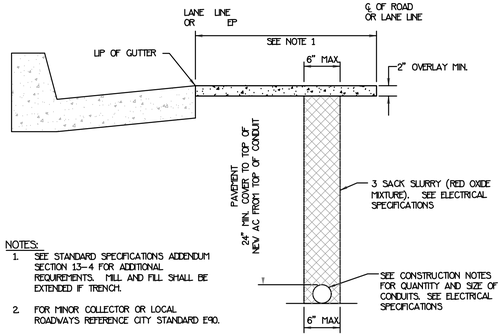
DETAIL – COMMSCOPE 450 & 650 NON-GEL SPLICE ENCLOSURES

FTTX SOLUTIONS OUTDOOR FDH 3000 HANDHOLE KITS	
DESCRIPTION	CATALOG NUMBER
30" x 60" HANDHOLE AND COVER KIT FOR EXTRA SMALL (24-144 FIBERS), SMALL (72-288 FIBERS) AND MEDIUM (72-432 FIBERS) CABINETS	FMS-ACE100-KIT-A
48" x 60" HANDHOLE AND COVER KIT FOR EXTRA SMALL (24-144 FIBERS), SMALL (72-288 FIBERS) AND MEDIUM (72-432 FIBERS) CABINETS	FMS-FD3EG-LKIT-A
48" x 60" HANDHOLE AND COVER KIT FOR LARGE (72-864 FIBERS) CABINETS	FMS-FD3J-KIT-A



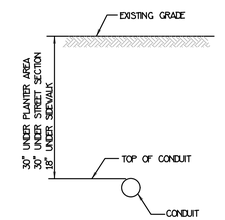


Gel Seals	Upper -Small Ports- # Ports	Upper -Small Ports- Cable Outside Diameter Min. - Max.	Lower -Large Ports- # Ports	Lower -Large Ports- Cable Outside Diameter Min. - Max.
Small 3-way	2	8 - 20 mm 0.32 - 0.79 inch	1	25 - 35 mm 1.0 - 1.38 inches
Small 4-way	2	8 - 22 mm 0.32 - 0.87 inch	2	10 - 28 mm 0.39 - 1.1 inches
Large 4-way	2	18 - 25 mm 0.7 - 1.0 inch	2	25 - 40 mm 1.0 - 1.6 inches



NOTES:
1. SEE STANDARD SPECIFICATIONS ADDENDUM SECTION 13-4 FOR ADDITIONAL REQUIREMENTS. MILL AND FILL SHALL BE EXTENDED IF TRENCH.
2. FOR MINOR COLLECTOR OR LOCAL ROADWAYS REFERENCE CITY STANDARD E90.

EXISTING ROADWAY CONSTRUCTION



DIRECTIONAL DRILL

DETAIL – EXISTING STREET CONSTRUCTION

CAD FILE: G:\ADSR\ACAD\civil\GHD Services Pty Ltd\12656216 - Sacramento Last Mile\Project Files\01 WIP\Civil\CAD\Sheets\Tier 1\T3 - Marina Vista (SMVA)\12656216-GHD-01-03-UTL-D-13501.dwg

REVISIONS NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 3		

BENCH MARK ELEV. _____
DESCRIPTION _____

FIELD BOOK X
SCALE
HORIZ. _____
VERT. _____

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: E. VELASQUEZ DATE FEBRUARY 2026
DESIGN BY: N. REAMES R.C.E. N/A DATE FEBRUARY 2026
CHECKED BY: K. FLYNN R.C.E. C73137 DATE FEBRUARY 2026

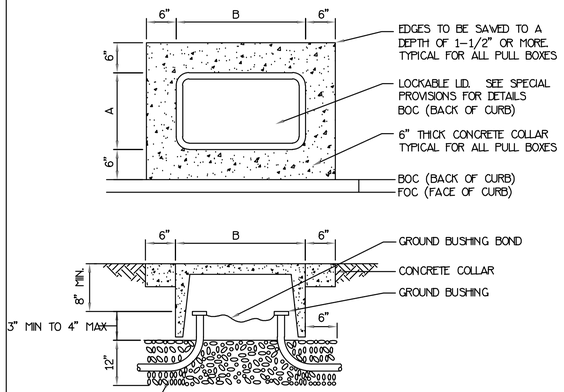
IMPROVEMENT PLANS FOR LAST MILE CONNECTIVITY
MARINA VISTA
DETAILS (1 OF 2)

GHD Inc.
2600 Capitol Ave Suite 100
Sacramento California 95816 USA
T 916 372 6606

REGISTERED PROFESSIONAL ENGINEER KERRY AILEEN FLYNN No. C73137 Exp. 12/31/26 CIVIL STATE OF CALIFORNIA

12656216

SHEET 6 OF 7

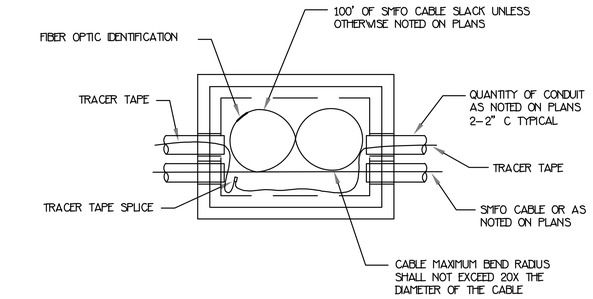


CONCRETE PULL BOX

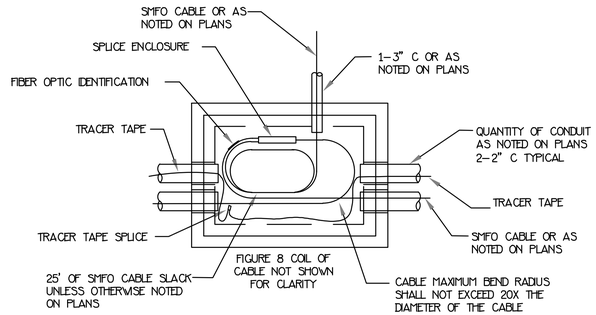
PULL BOX, ADDITONAL DESIGNATIONS OR DESCRIPTIONS

(C) – COMMUNICATIONS PULL BOX
(E) – PULL BOX WITH EXTENSION
(T) – TRAFFIC RATED PULL BOX
(TR)– TAMPER–RESISTANT PULL BOX

DETAIL – TRAFFIC SIGNAL PULL BOX

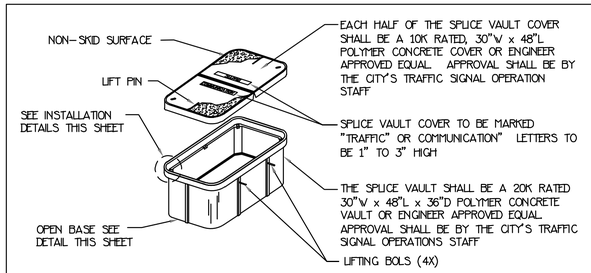


N48 VAULT WITH NO SPLICE
NO SCALE

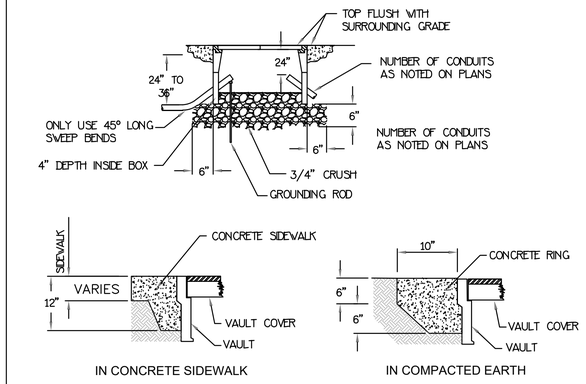


N48 VAULT WITH SPLICE
NO SCALE

DETAIL – FIBER OPTIC CABLE INSTALLATION DETAILS (N48 VAULT)



N48 SPLICE VAULT – 3–DIMENSIONAL VIEW
NO SCALE



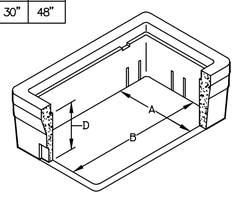
N48 SPLICE VAULT INSTALLATION
NO SCALE

N48 SPLICE VAULT – 3–DIMENSIONAL VIEW

1. UPON ACCEPTANCE OF THE WORK, ALL CONDUITS SHALL BE SEALED WITH COMPATIBLE SEALANT MATERIAL.
2. ALL GROUND CONNECTIONS SHALL BE COATED WITH OXIDATION PROHIBITING COMPOUND.
3. ALL CONDUITS SHALL BE CAULKED OR GROUTED AFTER CONDUITS ARE INSTALLED.
4. VAULT SHALL BE INSTALLED ON A MINIMUM OF SIX (6) INCHES OF 3/4" CRUSHED ROCK. SEE DETAIL THIS SHEET. CONDUITS SHALL EXTEND ABOVE THE ROCK AND HAVE A MINIMUM OF TWENTY–FOUR–INCHES (24") OF CLEARANCE BELOW THE COVER.
5. VAULTS SHALL NOT BE WITHIN THE BOUNDARIES OF NEW OR EXISTING WHEELCHAIR RAMPS.
6. WHEN SPLICE VAULT IS INSTALLED IN SIDEWALK AREA AS NOTED ON THE PLANS, THE DEPTH OF THE SPLICE VAULT SHALL BE ADJUSTED SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE SIDEWALK.
7. ALL COVERS AND VAULTS SHALL BE INTERCHANGEABLE WITH CALIFORNIA STANDARD MALE AND FEMALE GAUGES. WHEN INTERCHANGED WITH A STANDARD MAIL OR FEMAIL GAGE, THE TOP SURFACES SHALL BE FLUSH WITHIN 1/8" OF AN INCH. TOP OUTSIDE EDGE OF ALL CONCRETE COVERS AND SPLICE VAULTS SHALL HAVE A 1/4" MINIMUM RADIUS.

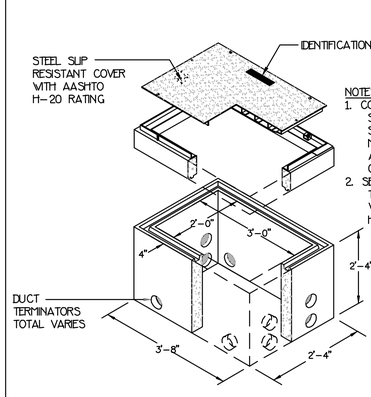
DETAIL – FIBER OPTIC CABLE INSTALLATION DETAILS

PULL BOX INFO										
MODEL	CITY PULL–BOX NO.	SUPPORTED WEIGTH (LBs)			EXTENTION DEPTH	BODY SIZE (NOM.)			COVER SIZE (NOM.)	
		COVER	BODY	EXTENTION		A	B	D		
N09		20	90	87	12"	20"	15"	12", 24", 36", 48", 60"	10"	15"
N16		32	112	113	12"	16"	25"		16"	25"
N30	5	44	138	116	12"	18"	27"		14"	23"
N36		76	172	189	12"	17"	30"		17"	30"
N40	6	196	172	189	12"	22"	35"		24"	36"
N48		396	376	288	10"	30"	48"		30"	48"

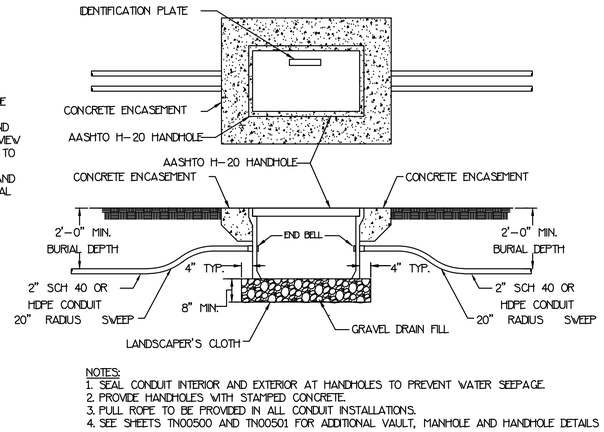


COVER:
1. STYLE R–SERIES, FLUSH, BOLT DOWN LOCKING
2. MATERIAL: COMPOSITE WITH UV INHIBITOR
3. SURFACE: SKID RESISTANT & MARKED.
4. COEFFICIENT OF FRICTION: >0.6 ASTM 1028
5. COEFFICIENT OF PERFORMANCE: ASTM C 857, WUC3.6 BODY:
1. MATERIAL: REINFORCED CONCRETE WITH COMPOSITE CAP
2. WALL TYPE: STRAIGHT
3. MOUSEHOLES: 0–2
4. COEFFICIENT OF PERFORMANCE: ASTM C 857, WUC3.6 EXTENSION:
1. MATERIAL: REINFORCED CONCRETE LOAD RATING:
1. LIGHT DUTY, PEDESTRIAN / GREENBELT

DETAIL – HANDHOLD SIZES (PEDESTRIAN RATED)

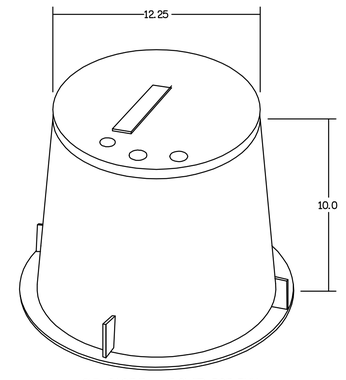


H–20 RATED HANDHOLE



NOTES:
1. SEAL CONDUIT INTERIOR AND EXTERIOR AT HANDHOLES TO PREVENT WATER SEEPAGE.
2. PROVIDE HANDHOLES WITH STAMPED CONCRETE.
3. PULL ROPE TO BE PROVIDED IN ALL CONDUIT INSTALLATIONS.
4. SEE SHEETS TN00500 AND TN00501 FOR ADDITIONAL VAULT, MANHOLE AND HANDHOLE DETAILS

DETAIL – H–20 RATED HANDHOLD (TRAFFIC RATED)



OLD CASTLE – FLOWER POT PULL BOX PART NUMBER 910

DETAIL – FLOWER POT

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 3		

BENCH MARK ELEV. _____
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CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

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12656216

SHEET 7 — OF — 7

CAD FILE: C:\ADSK\ACCDocs\GHD Services Pty Ltd\12656216 – Sacramento Last Mile\Project Files\01 WIP\CAD\CSD\Sheets\Tier 1\3 – Marina Vista (SMRA)\12656216–GHD–01–03–UTL–D–1502.dwg

CONTRACT #:	**PRC004286**	PROJECT:	**A07001804**
CONTRACT NAME:	**Sacramento Last Mile-Package 1**	NOT-TO-EXCEED AMOUNT:	**$ 3,215,347.44**
AGREEMENT TERM:	**120 Working Days**	SOLICITATION:	**B26151111014**
AUTHORIZED RENEWALS:	**none**	LBE (Y/N):	**N**
DEPARTMENT/DIVISION:	**Public Works/Engineering Services**	COUNCIL FILE ID:	**2026-00975**

AGREEMENT
(Construction Contract Over $25,000)

THIS AGREEMENT, dated for identification **June 9** , 20**26**, is made and entered into between the CITY OF SACRAMENTO, a municipal corporation ("City"), and **HP Communications, Inc., 13341 Temescal Canyon Rd, Corona, CA 92883** ("Contractor").

The City and Contractor hereby mutually agree as follows:

1. CONTRACT DOCUMENTS

The Contract Documents, sometimes also referred to as the "Contract," consist of the following items, which are hereby incorporated by reference as if set forth in full in this Agreement:

Notice to Contractors
Proposal Form submitted by the Contractor
Instructions to Bidders
Subcontractor and Local Business Enterprise Participation Form
Drug-Free Workplace Policy and Affidavit
Construction and Demolition (C&D) Debris Recycling Requirements
Workers' Compensation Insurance Certification
Federal or State funding requirements (if applicable)
Local Business Enterprise (LBE) Requirements
Requirements of the Non-Discrimination in Employee Benefits Code
Ban-The-Box Requirements
CWTA Requirements (if applicable)
Addenda, if any
This Agreement
Standard Specifications
Special Provisions
Plans and Technical Specifications
The drawings and other data and all developments thereof prepared by City pursuant to the Contract
Project Progress Payment Application
Any modifications of any of the foregoing made or approved by City, including but not limited to duly authorized change orders

Unless specifically noted otherwise, references to the "Standard Specifications" shall mean and refer to the Standard Specifications for Public Construction of the City of Sacramento approved by the Sacramento City Council on November 10, 2020 (Resolution No. 2020-0354), and any subsequent amendments thereto approved by the Sacramento City Council or the

and any subsequent amendments thereto approved by the Sacramento City Council or the Sacramento City Manager. Work called for in any one Contract Document and not mentioned in another is to be performed and executed as if mentioned in all Contract Documents. The table of contents, titles and headings contained in the Contract Documents are provided solely to facilitate reference to various provisions of the Contract Documents and in no way affect or limit the interpretation of the provisions to which they refer.

2. DEFINITIONS

Unless otherwise specifically provided herein, all words and phrases defined in the Standard Specifications shall have the same meaning and intent in this Agreement.

3. AGREEMENT CONTROLS

In the event of a conflict between any of the terms and conditions set forth in this Agreement and the terms and conditions set forth in other Contract Documents, the terms and conditions set forth in this Agreement shall prevail, except that the provisions of any duly authorized change order shall prevail over any conflicting provisions of this Agreement.

4. SCOPE OF CONTRACT

Contractor agrees to furnish all tools, equipment, apparatus, facilities, labor, material and transportation necessary to perform and complete in a good and workmanlike manner to the satisfaction of City, all the Work called for in the Contract Documents entitled:

Sacramento Last Mile Project Package 1
(PN:**A07001804**)

Including the Work called for in the following alternative bid items described in the Proposal Form:
N/A
Contractor agrees to perform such Work in the manner designated in and in strict conformity with the Contract Documents.

5. CONTRACT AMOUNT AND PAYMENTS

City agrees to pay and Contractor agrees to accept, as complete payment for the above Work, in accordance with the schedule and procedures set forth in the Contract Documents and subject to deductions, withholdings and additions as specified in the Contract Documents, a total sum that shall not exceed $ **3,215,347.44** , as set forth in Contractor's Proposal Form. In addition, subject to deductions, withholdings and additions as specified in the Contract Documents, payment for individual items of the Work shall be computed as follows:

A. For items of the Work for which a lump sum price is specified in Contractor's Proposal Form, Contractor shall be paid the lump sum price(s) specified in Contractor's Proposal Form; and

B. For items of the Work for which a unit price is specified in Contractor's Proposal Form, Contractor shall be paid the sum computed at such unit price, or computed at a different price if such different price is determined by City in accordance with the Standard Specifications, based on the actual amount of each such item performed and/or furnished and incorporated in the Work; provided that in no event shall the total sum for a unit price item exceed the total bid amount set forth for such item in the Contractor's Proposal Form, unless authorized by Change Order.

6. PROGRESS PAYMENTS

Subject to the terms and conditions of the Contract, City shall cause payments to be made upon demand of Contractor as follows:

A. On or about the first of the month, the Engineer, as defined in section 1-25 of the Standard Specifications ("Engineer"), shall present to the Contractor a statement, which may be in the form of a Project Progress Payment Application, showing the amount of labor and materials incorporated in the Work through the twentieth (20) calendar day of the preceding month. After both Contractor and Engineer approve and execute the statement in writing, and the City's labor compliance officer provides written approval, the City shall issue a certificate for payment of ninety-five (95) percent of the amount in the statement it shall find to be due, subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations.

B. Contractor's written approval and execution of the statement shall contain a signed certification under penalty of perjury under the Laws of the State of California that all items, units, prices, and quantities listed in the monthly estimate are correct, and that all Work has been performed, and materials supplied in full accordance with the conditions of applicable laws, rules, and regulations, and the Contract Documents.

C. No inaccuracy or error in said monthly statements or estimates shall operate to release Contractor from damages arising from such Work or from enforcement of each and every provision of the Contract Documents, and City shall have the right subsequently to correct any error made in any statement, certificate, or estimate for payment.

D. Contractor shall not be paid for any defective or improper Work.

E. The remaining five (5) percent of the value of the Work performed under the Contract, if unencumbered and subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations, shall be released not later than sixty (60) days after completion and final acceptance of the Work by City. Acceptance by Contractor of the final payment shall constitute a waiver of all claims against the City arising under the Contract Documents, except for disputed claims in stated amounts that the Contractor specifically reserves in writing, but only to the extent that the Contractor has complied with all procedures and requirements applicable to the presentation and

processing of such claim(s) under the Contract Documents. Contractor shall be entitled to substitute securities for retention or to direct that payments of retention be made into escrow, as provided in Public Contract Code Section 22300, upon execution of the City's Escrow Agreement for Security Deposits in Lieu of Retention.

F. The parties agree that, for purposes of the timely progress payment requirements specified in Public Contract Code Section 20104.50, the date that the City receives a statement jointly approved by the Contractor and the Engineer as provided above shall be deemed to constitute the date that City receives an undisputed and properly submitted payment request from the Contractor. Progress payments not made within 30 days after this date may be subject to payment of interest as provided in Public Contract Code Section 20104.50.

G. This Contract is subject to compliance monitoring and enforcement by the California Department of Industrial Relations, as specified in California Labor Code section 1771.4.

7. PUBLIC WORKS REQUIREMENTS

A. Payment of Prevailing Wages: Contractor and any subcontractor(s) performing any Public Work shall comply with the provisions of Sacramento City Code section 3.60.180 and applicable provisions of the California Labor Code, which require, among other things, that Contractor and all subcontractors pay not less than the prevailing rate of wages, as determined by the Director of the California Department of Industrial Relations ("DIR") in accordance with California Labor Code section 1773. Contractor and every subcontractor shall maintain payroll records and submit certified payrolls and other labor compliance documentation electronically when and as required by CITY. In addition, Labor Code Section 1771.4 requires the Contractor and any subcontractor performing any Public Work to furnish electronic payroll records directly to the Labor Commissioner. Contractor shall include these requirements in every subcontract.

This Agreement is subject to compliance monitoring and enforcement by the DIR, as specified in California Labor Code section 1771.4. The Contractor and any subcontractor will be subject to withholding and penalties for violation of prevailing wage requirements in accordance with applicable law, including Labor Code Sections 1726, 1741, 1771.5, and 1775, and City Code Section 3.60.180. Questions regarding the City's Labor Compliance Program should be directed to the City Representative.

B. DIR Registration: California Labor Code Section 1725.5 requires the Contractor and all subcontractors performing Public Works services to be currently registered with the DIR, as specified in California Labor Code Section 1725.5. California Labor Code Section 1771.1 provides that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal (subject to the requirements of Section 4104 of the California Public Contract Code), or engage in the performance of any contract for

Public Work, unless currently registered and qualified to perform Public Work in accordance with California Labor Code Section 1725.5.

Further information can be found on DIR's website at http://www.dir.ca.gov/Public-Works/Contractors.html. The above summary is provided solely for informational purposes and does not in any way affect the Contractor's and subcontractors' obligation to comply in all respects with all other applicable laws and regulations. The Contractor shall disseminate these provisions to all subcontractors.

Before the performance of work by Contractor or any subcontractor(s) under this Contract, Contractor shall furnish Contractor's and any subcontractors' current DIR registration number(s). The Contractor's current DIR registration number and the current DIR registration number of all subcontractors will be listed on the Subcontractor and LBE Participation Verification Form, incorporated herein.

C. Workers' Compensation Certification. In accordance with California Labor Code Section 1861, by signing this Contract, Contractor acknowledges and represents that Contractor is aware of the provisions of section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and that Contractor will comply with the provisions of the Labor Code before commencing performance under this Contract.

D. Apprentices. If this Contract is for the performance of any Public Work, and the amount of the Contract is $30,000 or more, the Contractor and any subcontractors performing any Public Work under this Contract must comply with and be subject to enforcement under, the provisions of Sacramento City Code Section 3.60.190, Section 1777.5 et seq. of the California Labor Code, and implementing regulations set forth in Title 8 of the California Code of Regulations, governing the employment of apprentices. The Contractor and any subcontractors performing Public Work will be subject to penalties for apprenticeship violations in accordance with Labor Code Section 1777.7.

E. Working Hours. If this Contract is for the performance of any Public Work, Contractor and any subcontractors performing any Public Work under this Contract must comply with and be subject to enforcement under, the provisions of Sacramento City Code Section 3.60.180 and California Labor Code Section 1810 et seq., governing the working hours of employees performing Public Work.

F. Failure to Comply with Labor Compliance. If all applicable labor compliance requirements are not met, the City will have the right to withhold or reject a payment request and/or invoice, in whole or in part, without in any way relieving Contractor or its subcontractors of any obligations under this Contract.

G. Subcontractors. The Contractor shall include these provisions A through F in every subcontract or sub-agreement for any subcontractors performing work under this Contract.

8. PERFORMANCE AND PAYMENT BONDS

Contractor must provide a Performance Bond and a Payment Bond to the City, each for a sum equal to one-hundred percent (100%) of the Contract amount. Each Bond shall be executed by a surety insurer admitted and duly authorized to transact business in the State of California. If the amount of this Contract is increased, Contractor shall increase the amount of the Performance and/or Payment bond if and to the extent required by the City.

9. RETENTION OF SUMS CHARGED AGAINST CONTRACTOR

When, under the provisions of this Contract or any applicable Laws or Regulations, City is authorized or required to withhold, deduct or charge any sum of money against Contractor, City may deduct and retain the amount of such charge from the amount of the next succeeding progress estimate(s), or from any other moneys due or that may become due Contractor from City. If, on completion or termination of the Contract, sums due Contractor are insufficient to pay City's charges, City shall have the right to recover the balance from Contractor or its Sureties.

10. COMMENCEMENT AND PROSECUTION OF WORK

Contractor shall commence the Work not later than fifteen (15) working days after the date of the written Notice to Proceed from City to Contractor and shall diligently prosecute the Work to final completion. The phase "commence the Work" means to engage in a continuous program on-site including, but not limited to, site clearance, grading, dredging, land filling and the fabrications, erection, or installation of the Work. The Notice to Proceed shall be issued within fifteen (15) calendar days following execution of the Agreement by the City and the filing by Contractor of the required Bonds and proof of insurance, provided that the Engineer may delay issuance of the Notice to Proceed if the Engineer determines in the Engineer's sole discretion that conditions on the site of the Work are unsuitable for commencement of the Work. After the Notice to Proceed is issued, the continuous prosecution of Work by Contractor shall be subject only to Excusable Delays as defined in this Agreement.

11. TIME OF COMPLETION

The entire Work shall be brought to completion in the manner provided for in the Contract Documents on or before **120 Working** days from the date of the Notice to Proceed (hereinafter called the "Completion Date") unless extensions of time are granted in accordance with the Contract Documents.

Failure to complete the entire Work by the Completion Date and in the manner provided for in the Contract Documents shall subject Contractor to liquidated damages as provided in this Agreement. Time is and shall be of the essence in the performance of the Contract and the Work.

12. PAYMENTS DO NOT IMPLY ACCEPTANCE OF WORK

The payment of any progress payment, or the acceptance thereof by Contractor, shall not constitute acceptance of the Work or any portion thereof and shall in no way reduce the liability of Contractor to replace unsatisfactory work or material, whether or not the unsatisfactory character of such work or material was apparent or detected at the time such payment was made.

13. ACCEPTANCE NOT RELEASE

Contractor shall correct immediately any defective or imperfect work or materials that may be discovered before final acceptance of the entire Work, whether or not such defect or imperfection was previously noticed or identified by the City. The inspection of the Work, or any part thereof, shall not relieve Contractor of any of its obligations to perform satisfactory work as herein specified.

Failure or neglect on the part of City or any of its officers, employees or authorized agents to discover, identify, condemn or reject defective or imperfect work or materials shall not be construed to imply an acceptance of such work or materials, if such defect or imperfection becomes evident at any time prior to final acceptance of the entire Work, nor shall such failure or neglect be construed as barring City from enforcing Contractor's warranty(ies) or otherwise recovering damages or such a sum of money as may be required to repair or rebuild the defective or imperfect work or materials whenever City may discover the same, subject only to any statutes of limitation that may apply to any such claim.

14. CITY'S RIGHT TO TAKE POSSESSION OF THE WORK IN WHOLE OR IN PART

The City shall have the right at any time to enter upon the Work and perform work not covered by this Contract, or to occupy and use a portion of the Work, prior to the date of the final acceptance of the Work as a whole, without in any way relieving Contractor of any obligations under this Contract.

15. NO WAIVER OF REMEDIES

Neither the inspection by City, its officers, employees or agents, nor any certificate or other approval for the payment of money, nor any payment for, nor acceptance of the whole or any part of the Work by City, nor any extensions of time, nor any position taken by City, its officers, employees or its agents shall operate as a waiver of any provision of the Contract Documents nor of any power herein reserved to City or any right to damages herein provided, nor shall any waiver of any breach of this Agreement be held to be a waiver of any other or subsequent breach. All remedies provided in the Contract Documents shall be taken and construed as cumulative; in addition to each and every other remedy herein provided, the City shall have any and all equitable and legal remedies that it would in any case have.

16. WARRANTY

Except as otherwise expressly provided in the Contract Documents, and excepting only items of routine maintenance, ordinary wear and tear and unusual abuse or neglect by City, Contractor warrants and guarantees all Work executed and all supplies, materials and devices of whatsoever nature incorporated in or attached to the Work, or otherwise provided as a part of the Work pursuant to the Contract, to be absolutely free of all defects of workmanship and materials for a period of one year after final acceptance of the entire Work by the City. Contractor shall repair or replace all work or material, together with any other work or material that may be displaced or damaged in so doing, that may prove defective in workmanship or material within this one year warranty period without expense or charge of any nature whatsoever to City.

In the event that Contractor shall fail to comply with the conditions of the foregoing warranty within ten (10) days after being notified of the defect in writing, City shall have the right, but shall not be obligated, to repair, or obtain the repair of, the defect and Contractor shall pay to City on demand all costs and expense of such repair. Notwithstanding anything herein to the contrary, in the event that any defect in workmanship or material covered by the foregoing warranty results in a condition that constitutes an immediate hazard to public health or safety, or any property interest, or any person, City shall have the right to immediately repair, or cause to be repaired, such defect, and Contractor shall pay to City on demand all costs and expense of such repair. The foregoing statement relating to hazards to health, safety or property shall be deemed to include both temporary and permanent repairs that may be required as determined in the sole discretion and judgment of City.

In addition to the above, the Contractor shall make a written assignment of all manufacturer's and other product warranties to the City, prior to completion and final acceptance of the Work by City.

The Contractor's Performance Bond shall secure the performance of the Contractor's obligations under this Section 16, and the Contractor and its Surety shall be jointly and severally liable for these obligations.

17. LIQUIDATED DAMAGES IF WORK NOT COMPLETED ON TIME

A. The actual fact of the occurrence of damages and the actual amount of the damages that City would suffer if the entire Work, and/or any specified portion thereof, were not completed within the time(s) specified herein are dependent upon many circumstances and conditions that could prevail in various combinations, and for this reason, it is impracticable and extremely difficult to fix the actual damages. Damages that City would suffer in the event of such delay include: loss of the use of the project; expenses of prolonged assignment to the project of an architectural and/or engineering staff; prolonged costs of administration, inspection, and supervision;

increased operational expenses and/or impaired operation of other facilities dependent upon completion of the project; and the loss and inconvenience suffered by the public within the City of Sacramento by reason of the delay in the completion of the project or portion thereof. Accordingly, the parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the amount(s) set forth herein as liquidated damages reflect the parties' best efforts at the time of entering into the Contract to estimate the damages that may be incurred by City and the public due to the Contractor's delay in completion of the Work and/or any specified portion thereof, and shall be presumed to be the amount of damages sustained by the failure of Contractor to complete the entire Work and/or any specified portion thereof within the time(s) specified herein.

B. Contractor shall pay liquidated damages to City for failure to complete the entire Work by the Completion Date (as extended in accordance with the Contract Documents, if applicable) in the amount of **$ 5,200.00** for each calendar day after the Completion Date (as extended in accordance with the Contract Documents, if applicable), continuing to the time at which the entire Work is completed. Such amount is the actual cash value agreed upon by the City and Contractor as the loss to City and the public resulting from Contractor's default.

The parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the foregoing provisions provide for the imposition of liquidated damages from the Completion Date (as extended in accordance with the Contract Documents, if applicable) until the date of completion of the entire Work as determined by the Engineer in accordance with Section 8-4 of the Standard Specifications, whether or not the Work or any portion thereof is claimed or determined to be substantially complete prior to such date of completion.

C. In the event Contractor shall become liable for liquidated damages, City, in addition to all other remedies provided by law, shall have the right to withhold any and all payments that otherwise would be or become due Contractor until the liability of Contractor under this section is finally determined. City shall have the right to use and apply such payments, in whole or in part, to reimburse City for all liquidated damages due or to become due to City. Any remaining balance of such payments shall be paid to Contractor only after discharge in full of all liability incurred by Contractor under this section or otherwise under any provision of the Contract Documents or any applicable Law or Regulation. If the sum so retained by City is not sufficient to discharge all such liabilities of Contractor, Contractor shall continue to remain liable to City until all such liabilities are satisfied in full. No failure by City to withhold any payment as specified above shall in any manner be construed to constitute a release of any such liabilities nor a waiver of the City's right to withhold payment for such liabilities.

18. INDEMNITY AND HOLD HARMLESS

A. Contractor shall defend, hold harmless and indemnify the City, its officers, employees, and agents, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, whether arising on or off the site of the Work, including, but not limited to, any fees and/or costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform the Work by the Contractor, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder, or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, damage or expense to the extent arising from (i) the sole negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or independent contractors who are directly responsible to City, or (ii) the active negligence of City.

B. The existence or acceptance by City of any of the insurance policies or coverages described in this Agreement shall not affect or limit any of City's rights under this Section 18, nor shall the limits of such insurance limit the liability of Contractor hereunder. The provisions of this Section 18 shall survive any expiration or termination of the Contract.

19. CONTRACTOR SHALL ASSUME RISKS

Until the completion and final acceptance by City of all Work under this Contract, the Work shall be under Contractor's responsible care and charge, and Contractor, at no cost to City, shall rebuild, repair, restore and make good all injuries, damages, re-erections, and repairs occasioned or rendered necessary by accidental causes of any nature, to all or any portions of the Work.

20. GENERAL LIABILITY OF CONTRACTOR

Except as otherwise herein expressly stipulated, Contractor shall perform all the Work and furnish all the labor, materials, tools, equipment, apparatus, facilities, transportation, power and light, and appliances, necessary or proper for performing and completing the Work herein required in the manner and within the time herein specified. The mention of any specific duty or liability of Contractor shall not be construed as a limitation or restriction of any general liability or duty of Contractor, and any reference to any specific duty or liability shall be construed to be solely for the purpose of explanation.

21. INSURANCE

During the entire term of the Contract, Contractor shall maintain the insurance coverage described in this Section 21.

Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified for the Work performed by Contractor under this Contract. No additional compensation will be provided for Contractor's insurance premiums. Any available insurance proceeds in excess of the specified minimum limits and coverages shall be available to the City.

If the Contractor maintains broader coverage and/or higher limits than the minimums shown below, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

A. Minimum Scope & Limits of Insurance Coverage

(1) Commercial General Liability Insurance is required providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage, and personal injury, arising out of activities performed by or on behalf of Contractor and its subcontractors, products and completed operations of Contractor and its subcontractors, and premises owned, leased, or used by Contractor and its subcontractors, with limits of not less than two million dollars ($2,000,000) per occurrence. The policy shall provide contractual liability and products and completed operations coverage for the term of the policy. If a general aggregate limit applies, either the general aggregate limit shall apply separately (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of: activities performed by or on behalf of Contractor and subcontractors; products and completed operations of Contractor and subcontractors; and premises owned, leased, or used by Contractor and subcontractors.

(2) Automobile Liability Minimum Scope and Limits of Insurance Coverage. (*Check the applicable provision*)

_X_ Automobile Liability Insurance is required providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars ($1,000,000) per occurrence. The policy shall provide coverage

for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.
The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

___ No automobile liability insurance is required, and by signing this Contract, Contractor certifies as follows:

"Contractor certifies that a motor vehicle will not be used in the performance of any work or services under this agreement. If, however, Contractor does transport items under this Contract, or this Contract is amended to require any employees of Contractor to use a vehicle to perform services under the Contract, Contractor understands that it must maintain and provide evidence of Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars ($1,000,000*)* per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor."

(3) Excess Insurance: The Contractor may use Umbrella or Excess Policies to meet the required liability limits. This form of insurance will be acceptable provided that any umbrella or excess policies provide all of the insurance coverages required and meet the other requirements for the primary policies as set forth in this Agreement. Umbrella and/or Excess policies shall be provided on a true "following form" or broader coverage basis, with coverage at least as broad as provided in the underlying primary policy.

Umbrella or excess policies shall contain, or be endorsed to provide that the City, its officials, employees, and volunteers shall be covered as additional insureds, as well as a provision that it will apply on a primary basis for the benefit of the City. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers will be in excess of Contractor's umbrella or excess coverage and will not contribute to it. No insurance or self-insurance maintained by the City that applies to a loss covered herein, whether Primary or Excess, and which also applies to a loss covered hereunder, shall be called upon to contribute to a loss until the Contractor's Primary and Excess liability policies are exhausted.

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(4) Workers' Compensation Minimum Scope and Limits of Insurance Coverage. (*Check all applicable provisions*)

_X_ Workers' Compensation Insurance is required with statutory limits and Employers' Liability Insurance with limits of not less than one million dollars ($1,000,000). The Workers' Compensation policy shall include a waiver of subrogation in favor of the City.

___ No work or services will be performed on or at CITY facilities or CITY Property, therefore a Workers' Compensation waiver of subrogation in favor of the CITY is not required.

___ No Workers' Compensation insurance is required, and by signing this Contract, Contractor certifies as follows:

"Contractor certifies that its business has no employees, and that it does not employ anyone, and is therefore exempt from the legal requirements to provide Workers' Compensation insurance. If, however, Contractor hires any employee during the term of this Contract, Contractor understands that Workers' Compensation with statutory limits and Employer's Liability Insurance with a limit of not less than one million dollars ($1,000,000) is required. The Workers' Compensation policy will include a waiver of subrogation in favor of the City."

B. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

(1) Contractor's insurance coverage, including excess insurance, shall be primary and non-contributory insurance as respects City, its officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers will be in excess of Contractor's insurance and will not contribute with it.

(2) Any failure to comply with reporting provisions of the policies will not affect coverage provided to City, its officials, employees, or volunteers.

(3) Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(4) City will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

C. Waiver of Subrogation.

Contractor hereby grants to City a waiver of any right to subrogation which any insurer may acquire against the City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from an insurer.

D. Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:VI. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section 21 must be declared to and approved by the City in writing prior to execution of this Contract.

E. Verification of Coverage

(1) Contractor shall furnish City with certificates and required endorsements evidencing the insurance required. Copies of policies shall be delivered to the City on demand. Certificates of insurance must be signed by an authorized representative of the insurance carrier. Copies of policies shall be delivered to the City Representative on demand.

(2) Contractor shall send all insurance certificates and endorsements, including policy renewals, during the term of this Contract directly to:

City of Sacramento
c/o Exigis LLC
PO Box 947
Murrieta, CA 92564

(3) Certificate Holder must be listed as:

City of Sacramento
c/o Exigis LLC
PO Box 947
Murrieta, CA 92564

(4) The City may withdraw its offer of contract or cancel this Contract if the certificates of insurance and endorsements required have not been provided prior to execution of this Contract. The City may withhold payments to Contractor or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

F. Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in this Section 21.

22. FAILURE TO MAINTAIN BONDS OR INSURANCE

If, at any time during the performance of this Contract, Contractor fails to maintain any item of the bonds and/or insurance required under the Contract in full force and effect, Contractor shall immediately suspend all work under the Contract and notify City in writing of such failure. After such notice is provided, or if City discovers such failure and notifies Contractor, the City thereafter may withhold all Contract payments due or that become due until notice is received by City that such bonds and/or insurance have been restored in full force and effect and that the premiums therefor have been paid for a period satisfactory to the Division of Risk Management. Contractor shall not resume work until notified by City to do so, and the City shall have no responsibility or liability for any costs incurred by Contractor as a result of such suspension of Work.

In addition to the foregoing, any failure to maintain any item of the required bonds and/or insurance at any time during the performance of this Contract will be sufficient cause for termination of the Contract by City.

The Contractor shall be solely responsible for, and shall defend, indemnify and hold harmless the City, its officers, employees and agents against and from, any and all damages, claims, losses, actions, costs or other expenses of any kind incurred by any party as a direct or indirect result of any suspension of Work or termination of the Contract under the provisions of this Section 22.

23. EXCUSABLE DELAYS

For the purpose of these Contract Documents, the term "Excusable Delay" shall mean, and is limited to, delay caused directly by: acts of God; acts of a public enemy; fires; inclement weather as determined by the Engineer; riots; insurrections; epidemics; quarantine restrictions; strikes; lockouts; sitdowns; acts of a governmental agency; priorities or privileges established for the manufacture, assemble, or allotment of materials necessary in the Work by order, decree or otherwise of the United States or by any department, bureau, commission, committee, agent, or administrator of any legally constituted public authority; changes in the Work ordered by City insofar as they necessarily require additional time in which to complete the Work; the prevention of Contractor from commencing or prosecuting the Work because of the acts of others, excepting Contractor's subcontractors or suppliers; or the prevention of Contractor from commencing or prosecuting the Work because of a Citywide failure of public utility service.

The term "Excusable Delay" shall specifically not include: (i) any delay that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of Contractor; (ii) any delay in the prosecution of any part of the Work that does not constitute a Controlling

Operation, whether or not such delay is unavoidable; (iii) any reasonable delay resulting from time required by City for review of any Contractor submittals and for the making of surveys, measurements and inspection; and, (iv) any delay arising from an interruption in the prosecution of the Work on account of reasonable interference by other Contractors employed by City that does not necessarily prevent the completion of the entire Work within the time specified. Excusable Delays, if any, shall operate only to extend the Completion Date (not in excess of the period of such delay as determined by City) and shall not under any circumstances increase the amount City is required to pay Contractor except as otherwise provided in these Contract Documents.

24. CONTRACTOR TO SERVE NOTICE OF DELAYS

Whenever Contractor foresees any delay in the prosecution of the Work, and in any event as soon as possible (not to exceed a period of ten (10) calendar days) after the initial occurrence of any delay that Contractor regards as or may later claim to be an Excusable Delay, the Contractor shall notify the Engineer in writing of such delay and its cause, in order that the Engineer: (i) may take immediate steps to prevent if possible the occurrence or continuance of the delay; or (ii) if this cannot be done, may determine whether the delay is to be considered excusable, how long it continues, and to what extent the prosecution and completion of the Work are delayed thereby. Said written notice shall constitute an application for an extension of time only if the notice requests such an extension and sets forth the Contractor's estimate of the additional time required together with a full description of the cause of the delay relied upon.

After the completion of any part or whole of the Work, the Engineer, in estimating the amount due Contractor, will assume that any and all delays that may have occurred in its prosecution and completion were not Excusable Delays, except for such delays for which the Contractor has provided timely written notice as required herein, and that the Engineer has found to be excusable. Contractor shall not be entitled to claim Excusable Delay for any delay for which the Contractor failed to provide such timely written notice.

25. EXTENSION OF TIME

If the Contractor complies with Section 24, above, and the Engineer finds a delay claimed by the Contractor to be an Excusable Delay, the Contractor shall be allowed an extension of time to complete the Work that is proportional to the period of Excusable Delay determined by the Engineer, subject to the approval by City of a change order granting such time extension. During a duly authorized extension for an Excusable Delay, City shall not charge liquidated damages against the Contractor for such delay.

If the City extends the time to complete the Work as provided herein, such extension shall in no way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such extension of time relieve or release the sureties of the Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such extension of time. The

granting of any extension of time as provided herein shall in no way operate as a waiver on the part of City of its rights under this Contract, excepting only extension of the Completion Date for such period of Excusable Delay as may be determined by the Engineer and approved by a duly authorized change order.

26. NO PAYMENT FOR DELAYS

No damages or compensation of any kind shall be paid to Contractor or any subcontractor because of delays in the progress of the Work whether or not such delays qualify for extension of time under this Agreement; except that this provision shall not preclude the recovery of damages for a delay caused by the City that is unreasonable under the circumstances and that is not within the contemplation of the parties, provided that the Contractor timely submits all such written notice(s) and fully complies with such other procedures as may be specified in the Contract Documents or any Laws or Regulations for Contractor to claim damages for such delay.

27. CHANGES IN THE WORK

Changes in the Work authorized or directed in accordance with the Contract Documents and extensions of time of completion made necessary by reason thereof shall not in any way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such changes in the Work relieve or release the Sureties on Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such change in Work and to any extension of time made by reason thereof.

28. TERMINATION AFTER COMPLETION DATE

In addition to any other rights City may have, if any services or work required under the Contract (including but not limited to punch list items) are not completed as of the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), City may terminate the Contract at any time after the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), by providing a written notice to Contractor specifying the date of termination. Such notice also may specify conditions or requirements that Contractor must meet to avoid termination of the Contract on such date. If Contractor fails to fulfill all such conditions and requirements by such termination date, or, if no such conditions or requirements are specified, Contractor shall cease rendering services and performing work on such termination date, and shall not be entitled to receive any compensation for services rendered or work performed after such termination date. In the event of such termination, Contractor shall remain liable to City for liquidated damages incurred for any period of time prior to the termination date.

In addition to any other charges, withholdings or deductions authorized under the Contract or any Laws or Regulations, if City terminates the Contract pursuant to this section, City may withhold and deduct from any payment and/or retention funds otherwise due Contractor any sum necessary to pay the City's cost of completing or correcting, or contracting for the

completion or correction of, any services or work under the Contract that are not completed to the satisfaction of the City or that otherwise are deficient or require correction as of such termination date, including but not limited to incomplete punch list items. Such costs shall include all of the City's direct and indirect costs incurred to complete or correct such services or work, including the City's administrative and overhead costs. If the amount of payment(s) and/or retention funds otherwise due the Contractor are insufficient to pay such costs, City shall have the right to recover the balance of such costs from the Contractor and/or its Surety(ies).

29. TERMINATION FOR CONVENIENCE

Upon written notice to the Contractor, the City may at any time, without cause and without prejudice to any other right or remedy of the City, elect to terminate the Contract for the convenience of City. In such case, the Contractor shall be paid (without duplication of any items, and after deduction and/or withholding of any amounts authorized to be deducted or withheld by the Contract Documents or any Laws or Regulations):

A. For Work executed in accordance with the Contract Documents prior to the effective date of termination and determined to be acceptable by the Engineer, including fair and reasonable sums for overhead and profit on such Work;

B. For reasonable claims, costs, losses, and damages incurred in settlement of terminated contracts with subcontractors, suppliers, and others; and

C. For reasonable expenses directly attributable to termination.

Contractor shall not be paid for any loss of anticipated profits or revenue for any Work not performed prior to termination, nor for any economic loss arising out of or resulting from such termination, except for the payments listed in this section. Contractor's warranty under Section 16 of this Agreement shall apply, and Contractor shall remain responsible for all obligations related to such warranty, with respect to all portions of the Work performed prior to the effective date of the termination for convenience pursuant to this section. The City shall be entitled to have any or all remaining Work performed by other contractors or by any other means at any time after the effective date of a termination for convenience pursuant to this section.

30. TERMINATION FOR BREACH OF CONTRACT

If Contractor abandons the Work under this Contract, or if the Contract or any portion of the Contract is sublet or assigned without the consent of the City, or if the Engineer determines in the Engineer's sole discretion that the conditions of the Contract in respect to the rate of progress of the Work are not being fulfilled or any part thereof is unnecessarily delayed, or if Contractor violates or breaches, or fails to execute in good faith, any of the terms or

conditions of the Contract, or if Contractor refuses or fails to supply enough properly skilled labor or materials or refuses or fails to make prompt payment to subcontractors for material or labor, or if Contractor disregards any Laws or Regulations or proper instruction or orders of the Engineer, then, notwithstanding any provision to the contrary herein, the City may give Contractor and its Sureties written notification to immediately correct the situation or the Contract shall be terminated.

In the event that such notice is given, and, in the event such situation is not corrected, or arrangements for correction satisfactory to the City are not made, within ten (10) calendar days from the date of such notice or within such other period of time as may be specified by the City in the notice, the Contract shall upon the expiration of said period cease and terminate. In the event of any such termination, City may take over the Work and prosecute the Work to completion, or otherwise, and the Contractor and its Sureties shall be liable to City for any cost occasioned City thereby, as hereinafter set forth.

In the event City completes the Work, or causes the Work to be completed, no payment of any kind shall be made to Contractor until the Work is complete. The cost of completing the Work, including but not limited to, extra costs of project administration and management incurred by City, both direct or indirect, shall be deducted from any sum then due, or that becomes due, to Contractor from City. If sums due to Contractor from City are less than the cost of completing the Work, Contractor and its Sureties shall pay City a sum equal to this difference on demand. In the event City completes the Work, and there is a sum remaining due to Contractor after City deducts the costs of completing the Work, then City shall pay such sum to Contractor. The Contractor and Contractor's Sureties shall be jointly and severally liable for all obligations imposed on Contractor hereunder.

No act by City before the Work is finally accepted, including, but not limited to, exercise of other rights under the Contract, actions at law or in equity, extensions of time, payments, assessments of liquidated damages, occupation or acceptance of any part of the Work, waiver of any prior breach of the Contract or failure to take action pursuant to this section upon the happening of any prior default or breach of Contractor, shall be construed to be a waiver or estoppel of the City's right to act pursuant to this Section upon any subsequent event, occurrence or failure by Contractor to fulfill the terms and conditions of the Contract. The rights of City to terminate the Contract pursuant to this Section and pursuant to Sections 28 and 29 are cumulative and are in addition to all other rights of City pursuant to the Contract and at law or in equity.

31. CONTRACTOR BANKRUPT

If Contractor should commence any bankruptcy proceeding, or if Contractor is adjudged a bankrupt, or if Contractor makes any assignment for the benefit of creditors, or if a receiver is appointed on account of Contractor's insolvency, then the City may, without prejudice to any other right or remedy, terminate the Contract and complete the work by giving notice as provided in Section 30 above.

32. SURETIES' OBLIGATIONS UPON TERMINATION

If the City terminates the Contract pursuant to Section 30 or Section 31 above:

A. The Surety under Contractor's performance bond shall be fully responsible for all of the Contractor's remaining obligations of performance under the Contract as if the Surety were a party to the Contract, including without limitation Contractor's obligations, as provided in the Contract Documents, to complete and provide a one-year warranty of the entire Work, pay liquidated damages and indemnify, defend and hold harmless City, up to the full amount of the performance bond.

B. The Surety under Contractor's payment bond shall be fully responsible for the performance of all of the Contractor's remaining payment obligations for work, services, equipment or materials performed or provided in connection with the Work or any portion thereof, up to the full amount of the payment bond.

33. ACCOUNTING RECORDS OF CONTRACTOR

During performance of the Contract and for a period of three (3) years after completing the entire Work, Contractor shall maintain all accounting and financial records related to the Contract and performance of the Work in accordance with generally accepted accounting practices, and shall keep and make such records available for inspection and audit by representatives of the City upon reasonable written notice.

34. REPRESENTATIVES OF THE PARTIES.

A. City Engineer.

(1) The Engineer for this Contract is:

Adam Randolph, arandolph@cityofsacramento.org

(2) All Contractor questions and correspondence pertaining to this Contract must be addressed to the Engineer. In the event the City hires a third-party consultant to assist with construction management, the Engineer may direct Contractor to copy such consultant on questions and correspondence, but such a request does not constitute a delegation of authority to the third-party consultant to serve as the Engineer (i.e., any alterations, deviations, additions to, or deletions from the Work or any of the Contract Documents, must be authorized by the Engineer, not a third-party consultant, pursuant to a properly executed change order).

B. Contractor Representative.

(1) The Contractor Representative for this Contract is:

Jose Ledesma, jledesma@cityofsacramento.org

(2) All City questions pertaining to the Contract shall be referred to the Contractor Representative. All correspondence to Contractor shall be addressed to the Contractor Representative.

C. Notice. Whenever the Contract Documents require that notice be provided to the other party, notice will be deemed to have been validly given: (i) if delivered in person to the individual intended to receive such notice; (ii) four (4) days after being sent by registered or certified mail, postage prepaid to the address indicated in the Contract; or (iii) if transmitted by email, by the time stated on the intended recipient's email.

35. USE TAX REQUIREMENTS

During the performance of this Agreement, Contractor, for itself, its assignees and successors in interest, agrees as follows:

A. Use Tax Direct Payment Permit: For all leases and purchases of materials, equipment, supplies, or other tangible personal property used to perform the Agreement and shipped from outside California, the Contractor and any subcontractors leasing or purchasing such materials, equipment, supplies or other tangible personal property shall obtain a Use Tax Direct Payment Permit from the California State Board of Equalization ("SBE") in accordance with the applicable SBE criteria and requirements.

B. Sellers Permit: For any construction contract and any construction subcontract in the amount of $5,000,000 or more, Contractor and the subcontractor(s) shall obtain sellers permits from the SBE and shall register the jobsite as the place of business for the purpose of allocating local sales and use tax to the City. Contractor and its subcontractors shall remit the self-accrued use tax to the SBE, and shall provide a copy of each remittance to the City.

C. The above provisions shall apply in all instances unless prohibited by the funding source for the Agreement.

36. NON-DISCRIMINATION IN EMPLOYEE BENEFITS

This Agreement may be subject to the requirements of Sacramento City Code Chapter 3.54, Non-Discrimination in Employee Benefits by City Contractors. The Contract Documents include a summary of the requirements of Sacramento City Code Chapter 3.54, entitled "Requirements of the Non-Discrimination in Employee Benefits Code." By signing this Agreement, Contractor acknowledges and represents that Contractor has read and understands these requirements and agrees to fully comply with all applicable requirements of Sacramento City Code Chapter 3.54. If requested by City, Contractor agrees to promptly provide such documents and information as may be required by City to verify Contractor's compliance. Any violation by Contractor of Sacramento City Code

Chapter 3.54 constitutes a material breach of this Agreement, for which the City may terminate the Agreement and pursue all available legal and equitable remedies.

37. CONSIDERING CRIMINAL CONVICTION INFORMATION IN THE EMPLOYMENT APPLICATION PROCESS

This Agreement may be subject to the requirements of Sacramento City Code Chapter 3.62, Procedures for Considering Criminal Conviction Information in the Employment Application Process. The Contract Documents include a summary of the requirements of Sacramento City Code Chapter 3.62, entitled "Ban-The-Box Requirements." By signing this Agreement, Contractor acknowledges and represents that Contractor has read and understands these requirements and agrees to fully comply with all applicable requirements of Sacramento City Code Chapter 3.62. If requested by City, Contractor agrees to promptly provide such documents and information as may be required by City to verify Contractor's compliance. Any violation by Contractor of Sacramento City Code Chapter 3.62 constitutes a material breach of this Agreement, for which the City may terminate the Agreement and pursue all available legal and equitable remedies. Contractor agrees to require its subcontractors to fully comply with all applicable requirements of Sacramento City Code Chapter 3.62, and include these requirements in all subcontracts covered by Sacramento City Code Chapter 3.62.

38. DEBARMENT CERTIFICATION

A. Pursuant to 2 CFR, Part 200, and applicable Executive Orders, the City is restricted in its ability to contract with certain parties that are debarred, suspended, or otherwise excluded or ineligible for participating in Federal assistance programs or activities. By signing this Agreement, CONTRACTOR warrants and certifies under penalty of perjury under the laws of the State of California that Contractor, including any owner, partner, director, officer, or principal of the CONTRACTOR, or any person in a position with management responsibility or responsibility for the administration of federal funds:

(1) Is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department/agency;

(2) Has not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public transaction or contract (federal, state, or local); violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, receiving stolen property, or other criminal felony;

(3) Is not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state, or local) with commission of any of the offenses enumerated in paragraph (b) above; or

(4) Has not, within a three-year period preceding this certification, had one or more public contracts (federal, state, or local) or transactions terminated for cause or default.

(5) Has not been notified, within a three-year period preceding this certification, been notified of any delinquent Federal taxes in an amount that exceeds $3,500 for which the liability remains unsatisfied. Federal taxes are considered delinquent if the tax liability has been finally determined and the taxpayer is delinquent in making payment, as defined in Section 52.209-5 of the Federal Acquisition Regulations.

B. Contractor further warrants and certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department/agency. Any exceptions to the warranties and certifications in this Section must be disclosed to the City.

C. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining Contractor's responsibility. Disclosures must indicate to whom exceptions apply, the initiating agency, and dates of action.

D. City will review the Federal Government's System for Award Management Exclusions maintained by the General Services Administration for eligibility, prior to the execution of this Agreement. The Contractor shall provide immediate written notice to the City if, at any time prior to execution, the Contractor learns this certification is erroneous or has become erroneous by reason of changed circumstances. If it is later determined that the Contractor's warranties and certification in this Section were erroneous, the City may terminate this Agreement for default.

39. COMMUNITY WORKFORCE TRAINING AGREEMENT *(Check below if the engineer's estimate of the total construction cost of the project or the actual cumulative bid amounts submitted by Contractor exceed $1,000,000.*)

__X_ The work to be completed under this Agreement is subject to the City's Community Workforce Training Agreement ("CWTA") and CWTA Program. A copy of the CWTA and summary of its requirements are attached hereto as Exhibit A.

Prior to executing this Agreement, Contractor has executed Addendum A to the CWTA. All subcontractors (listed or hired after the time of bid or award) must also execute Addendum A to the CWTA prior to performing any Work.

Contractor must include the provisions of this section, as well as a copy of Exhibit A, in every subcontract for Work covered by the CWTA.

Failure to sign and submit Addendum A shall be grounds for subcontractor substitution and/or for the City to withhold payment for the Work performed in the absence of the necessary Addendum A. Failure to satisfy the requirements of the CWTA and demonstrate a good faith effort to meet any Local Hire and Priority Apprentice Goals (if applicable), may result in a determination that the Contractor does not meet the City's minimum qualifications to bid on future projects for the City of Sacramento.

IN WITNESS WHEREOF, the parties hereto have signed this Agreement on the date set for opposite their names.

CONTRACTOR

Under penalty of perjury, I certify that the taxpayer identification number and all other information provided here are correct.

DATE May 1, 2026

BY Ahmad Olomi
Digitally signed by Ahmad Olomi
DN: cn=Ahmad Olomi, o=HP Communications, Inc., ou, email=ahmad.olomi@hpcomminc.com, c=US
Date: 2026.05.01 14:14:11 -07'00'

Ahmad Olomi
Print Name

Executive VP
Title

BY _____

_____
Print Name

_____
Title

1000015920
DIR Registration #

33-0810391
Federal ID#

441-7517-2
State ID#

1028798
City of Sacramento Business Operation Tax Certificate No. (City will not award contract until Certificate Number is obtained)

Type of Business Entity *(check one)*:

_____ Individual/Sole Proprietor
_____ Partnership
__X__ Corporation
_____ Limited Liability Company
_____Other (*please specify:*_____)

CITY OF SACRAMENTO
a municipal corporation

DATE 05/11/2026

BY Will be signed via eCaps
For: Maraskeshia Smith, City Manager

Original Approved As To Form:

Michael Fry (May 11, 2026 10:40:28 PDT)
City Attorney

Attest:

N/A
City Clerk

CITYOF SACRAMENTO
PAYMENT BOND

Department of Public Works
Page 1 of 1

Bond No.: 4491708
Premium: Included w/ performance bond

WHEREAS, the City of Sacramento, in the State of California, hereinafter called City, has conditionally awarded to: **HP Communications, Inc., 13341 Temescal Canyon Rd, Corona, CA 92883** hereinafter called **Contractor,** a contract for construction of:

Sacramento Last Mile Project Package 1
(PN: A07001804)

Which contract is by reference incorporated herein and made a part hereof, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract and pursuant to Chapter 5 of Title 3 of Part 6 of Division 4 of the California Civil Code (commencing with Civil Code Section 9550), Contractor is required to furnish a good and sufficient payment bond to secure payment of the claims to which reference is made in Civil Code Section 9554.

NOW, THEREFORE, we the Contractor and (*here insert full name and address of Surety*):
Markel Insurance Company 4521 Highwoods Parkway, Glen Allen, VA 23060,
a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, and unto all persons or entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions in the sum of **THREE MILLION TWO HUNDRED AND FIFTEEN THOUSAND THREE HUNDRED FORTY SEVEN DOLLARS FOURTY FOUR CENTS ($3,215,347.44),** on the condition that if Contractor shall fail to pay for any materials or equipment furnished or used in performance of the Contract, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board or the Employment Development Department from the wages of employees of the Contractor and all subcontractors with respect to such work or labor, then the Surety shall pay the same in an amount not exceeding the sum specified above. If suit is brought upon this bond, Surety shall pay, in addition to the above sum, all costs, expenses and fees, including attorney's fees, reasonably incurred by any party in successfully enforcing the obligation secured hereby, all to be taxed as costs and included in any judgment rendered. Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect, and shall bind Contractor, Surety, their heirs, executors, administrators, successors and assigns, jointly and severally.

It is hereby stipulated and agreed that this bond shall inure to the benefit of all persons, companies, corporations, political subdivisions, State agencies and other entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions, so as to give a right of action to them or their assigns in any suit brought upon this bond. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety. SIGNED AND SEALED on May 1, 20 26.

HP Communications, Inc.
(Contractor) (Seal)
By [signature]
Title FINANCIAL CONTROLLER

ORIGINAL APPROVED AS TO FORM:
[signature]
Michael Fry (May 11, 2026 10:40:28 PDT)
City Attorney

Markel Insurance Company
(Surety) (Seal)
By: [signature]
Title: Leona Evangelista, Attorney-in-Fact
Agent name and Address: 404 Camino Del Rio S., Ste 410
San Diego, CA 92108
Agent Phone #: (619) 233-8000
Surety Phone #: (866) 732-0099
California License # 0E10054

MARKEL INSURANCE COMPANY CORPORATE SEAL ILLINOIS

Effective 7-1-12

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

On MAY 01 2026 before me, Rebekah Eads, Notary Public
(insert name and title of the officer)

personally appeared Leona Evangelista,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

REBEKAH EADS
Notary Public - California
San Diego County
Commission # 2466403
My Comm. Expires Nov 9, 2027

POA# 510664

JOINT LIMITED POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That SureTec Insurance Company, a Corporation duly organized and existing under the laws of the State of Texas and having its principal office in the County of Harris, Texas and Markel Insurance Company (the "Company"), a corporation duly organized and existing under the laws of the state of Illinois, and having its principal administrative office in Glen Allen, Virginia, does by these presents make, constitute and appoint:

Elisabeth Georgeson, Lauran M. Graham, Ray Canto, Richard Hallett, Leona Evangelista, Rebekah Eads, Marissa Robinson

Their true and lawful agent(s) and attorney(s)-in-fact, each in their separate capacity if more than one is named above, to make, execute, seal and deliver for and on their own behalf, individually as a surety or jointly, as co-sureties, and as their act and deed any and all bonds and other undertaking in suretyship provided, however, that the penal sum of any one such instrument executed hereunder shall not exceed the sum of:

In Unlimited Amounts

This Power of Attorney is granted and is signed and sealed under and by the authority of the following Resolutions adopted by the Board of Directors of SureTec Insurance Company and Markel Insurance Company:

"RESOLVED, That the President, any Senior Vice President, Vice President, Assistant Vice President, Secretary, Assistant Secretary, Treasurer or Assistant Treasurer and each of them hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer or attorney, of the company, qualifying the attorney or attorneys named in the given power of attorney, to execute in behalf of, and acknowledge as the act and deed of the SureTec Insurance Company and Markel Insurance Company, as the case may be, all bond undertakings and contracts of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, Markel Insurance Company and SureTec Insurance Company have caused their official seal to be hereunto affixed and these presents to be signed by their duly authorized officers on the 21st day of August , 2024 .

SureTec Insurance Company

By: _____
Michael C. Kelmig, President

Markel Insurance Company

By: _____
Lindey Jennings, Vice President

State of Texas
County of Harris:

On this 21st day of August , 2024 A. D., before me, a Notary Public of the State of Texas, in and for the County of Harris, duly commissioned and qualified, came THE ABOVE OFFICERS OF THE COMPANIES, to me personally known to be the individuals and officers described in, who executed the preceding instrument, and they acknowledged the execution of same, and being by me duly sworn, disposed and said that they are the officers of the said companies aforesaid, and that the seals affixed to the proceeding instrument are the Corporate Seals of said Companies, and the said Corporate Seals and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said companies, and that Resolutions adopted by the Board of Directors of said Companies referred to in the preceding instrument is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed my Official Seal at the County of Harris, the day and year first above written.

By: _____
Chelsea Turner, Notary Public
My commission expires 7/6/2028

We, the undersigned Officers of SureTec Insurance Company and Markel Insurance Company, do hereby certify that the original POWER OF ATTORNEY of which the foregoing is a full, true and correct copy is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, we have hereunto set our hands, and affixed the Seals of said Companies, on the 1st day of May , 2026 .

SureTec Insurance Company

By: _____
M. Brent Beaty, Assistant Secretary

Markel Insurance Company

By: _____
Andrew Marquis, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity. 510664
For verification of the authority of this Power you may call (713)812-0800 on any business day between 8:30 AM and 5:00 PM CST.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of RIVERSIDE)

On 05/01/2026 before me, Stephanie M. Alvarez, Notary Public
(insert name and title of the officer)

personally appeared Bree D. Mendoza,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

STEPHANIE M. ALVAREZ
Notary Public - California
Riverside County
Commission # 2445261
My Comm. Expires Apr 25, 2027

Signature _____ **(Seal)**

CITY OF SACRAMENTO
PERFORMANCE BOND

Department of Public Works
Page 1 of 1

Bond No.: 4491708

Premium: $40,192.00 is for the contract price and subject to adjustment based on final contract price

WHEREAS, the City of Sacramento, State of California, hereinafter called City, has conditionally awarded to **HP Communications, Inc., 13341 Temescal Canyon Rd, Corona, CA 92883** as principal, hereinafter called **Contractor,** a contract for construction of:

Sacramento Last Mile Project Package 1
(PN: A07001804)

which contract is by reference incorporated herein and made a part hereof as if the Surety named below were a party to the contract, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract, Contractor is required to furnish a bond for the faithful performance of the Contract.

NOW, THEREFORE, we the Contractor and *(here insert full name and address of Surety)*:
Markel Insurance Company 4521 Highwoods Parkway, Glen Allen, VA 23060,
a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, as obligee, in the sum of: **THREE MILLION TWO HUNDRED AND FIFTEEN THOUSAND THREE HUNDRED FORTY SEVEN DOLLARS FOURTY FOUR CENTS ($3,215,347.44),** or the payment of which sum well and truly to be made, we the Contractor and Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally. The condition of this obligation is such that, if the Contractor, Contractor's heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and fully perform all covenants, conditions and agreements required to be kept and performed by Contractor in the Contract and any changes, additions or alterations made thereto, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meanings, and shall indemnify and save harmless the City, its officers, employees and agents, as therein provided, then the Surety's obligations under the Contract and this bond shall be null and void; otherwise they shall be and remain in full force and effect. This obligation shall remain in full force and effect through the end of the Contract warranty period, which will expire one year after the completion of work date specified in the Notice of Completion filed for the above-named project.

As part of the obligations secured hereby and in addition to the sum specified above, there shall be included all costs, expenses and fees, including attorney's fees, reasonably incurred by City in successfully enforcing such obligations, all to be taxed as costs and included in any judgment rendered.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety. SIGNED AND SEALED on May 1, 2026.

HP Communications, Inc.
(Contractor) (Seal)
By _____
Title FINANCIAL CONTROLLER

ORIGINAL APPROVED AS TO FORM:
Michael Fry (May 11, 2026 10:40:28 PDT)
City Attorney

Markel Insurance Company
(Surety) (Seal)
By _____
Title Leona Evangelista, Attorney-in-Fact
Agent Name and Address 404 Camino Del Rio S., Ste 410
San Diego, CA 92108
Agent Phone # (619) 233-8000
Surety Phone # (866) 732-0099
California License # 0F10054

MARKEL INSURANCE COMPANY CORPORATE SEAL ILLINOIS

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

On MAY 01 2026 before me, Rebekah Eads, Notary Public
(insert name and title of the officer)

personally appeared Leona Evangelista,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

REBEKAH EADS
Notary Public - California
San Diego County
Commission # 2466403
My Comm. Expires Nov 9, 2027

POA# 510664

JOINT LIMITED POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That SureTec Insurance Company, a Corporation duly organized and existing under the laws of the State of Texas and having its principal office in the County of Harris, Texas and Markel Insurance Company (the "Company"), a corporation duly organized and existing under the laws of the state of Illinois, and having its principal administrative office in Glen Allen, Virginia, does by these presents make, constitute and appoint:

Elisabeth Georgeson, Lauran M. Graham, Ray Canto, Richard Hallett, Leona Evangelista, Rebekah Eads, Marissa Robinson

Their true and lawful agent(s) and attorney(s)-in-fact, each in their separate capacity if more than one is named above, to make, execute, seal and deliver for and on their own behalf, individually as a surety or jointly, as co-sureties, and as their act and deed any and all bonds and other undertaking in suretyship provided, however, that the penal sum of any one such instrument executed hereunder shall not exceed the sum of:

In Unlimited Amounts

This Power of Attorney is granted and is signed and sealed under and by the authority of the following Resolutions adopted by the Board of Directors of SureTec Insurance Company and Markel Insurance Company:

"RESOLVED, That the President, any Senior Vice President, Vice President, Assistant Vice President, Secretary, Assistant Secretary, Treasurer or Assistant Treasurer and each of them hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer or attorney, of the company, qualifying the attorney or attorneys named in the given power of attorney, to execute in behalf of, and acknowledge as the act and deed of the SureTec Insurance Company and Markel Insurance Company, as the case may be, all bond undertakings and contracts of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, Markel Insurance Company and SureTec Insurance Company have caused their official seal to be hereunto affixed and these presents to be signed by their duly authorized officers on the 21st day of August , 2024 .

SureTec Insurance Company

By: _____
Michael C. Kelmig, President

Markel Insurance Company

By: _____
Lindey Jennings, Vice President

State of Texas
County of Harris:

On this 21st day of August , 2024 A. D., before me, a Notary Public of the State of Texas, in and for the County of Harris, duly commissioned and qualified, came THE ABOVE OFFICERS OF THE COMPANIES, to me personally known to be the individuals and officers described in, who executed the preceding instrument, and they acknowledged the execution of same, and being by me duly sworn, disposed and said that they are the officers of the said companies aforesaid, and that the seals affixed to the proceeding instrument are the Corporate Seals of said Companies, and the said Corporate Seals and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said companies, and that Resolutions adopted by the Board of Directors of said Companies referred to in the preceding instrument is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed my Official Seal at the County of Harris, the day and year first above written.

By: _____
Chelsea Turner, Notary Public
My commission expires 7/6/2028

We, the undersigned Officers of SureTec Insurance Company and Markel Insurance Company, do hereby certify that the original POWER OF ATTORNEY of which the foregoing is a full, true and correct copy is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, we have hereunto set our hands, and affixed the Seals of said Companies, on the 1st day of May , 2026 .

SureTec Insurance Company

By: _____
M. Brent Beaty, Assistant Secretary

Markel Insurance Company

By: _____
Andrew Marquis, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity. 510664
For verification of the authority of this Power you may call (713)812-0800 on any business day between 8:30 AM and 5:00 PM CST.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of RIVERSIDE)

On 05/01/2026 before me, Stephanie M. Alvarez, Notary Public
(insert name and title of the officer)

personally appeared Bree D. Mendoza,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

STEPHANIE M. ALVAREZ
Notary Public - California
Riverside County
Commission # 2445261
My Comm. Expires Apr 25, 2027

WITNESS my hand and official seal.

Signature _____ **(Seal)**

SITE NAVIGATION

Business Operations Tax

- **Looking for a Business**
- Business Improvement Area
- Cannabis Business Tax
- Different Types of Businesses
- Renew Your Business Operations Tax Account

Search By: Account Number

Enter value to search 1028798

Search Business

BUSINESS OPERATION TAX INFORMATION

Business Name	Business Description	Close Date	Action
HP COMMUNICATIONS, INC.	Contractors - Construction		Business Det

Account Number	1028798
Business Name	HP COMMUNICATIONS, INC.
Business Description	Contractors - Construction
Business Start Date	6/21/1998
Close Date	
Current Expire Date	12/31/2026
Current License Status	Active
Location Street Number	8810
Location Direction	
Location Street Name	ELDER CREEK
Location Street Type	RD
Location Unit	
Location City	SACRAMENTO
Location State	CA
Location Zip code	95828 - 1805
Mail Street Number	13341
Mail Street Direction	
Mail Street name	TEMESCAL CANYON
Mail Unit	
Mail City	CORONA
Mail State	CA
Mail Zip code	92883 - 4980
Primary Phone number	(951) 572-1200
Principal Owner First name	NICHOLAS
Principal Owner Last Name	GOLDMANN
Mail Street Type	RD

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Direct link

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Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See ***Specific Instructions*** on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

HP Communications, Inc.

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☐ C corporation ☑ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

5 Address (number, street, and apt. or suite no.). See instructions.

13341 Temescal Canyon Rd

6 City, state, and ZIP code

Corona, CA 92883

Requester's name and address (optional)

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–		–				

or

Employer identification number

3	3	–	0	8	1	0	3	9	1

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person** Amanda H **Date** January 7, 2026

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

TAXABLE YEAR

CALIFORNIA FORM

2026 Withholding Exemption Certificate 590

The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.

Withholding Agent Information

Name

CITY OF SACRAMENTO

Payee Information

Name

HP Communications, Inc.

☐ SSN or ITIN ☑ FEIN ☐ CA Corp no. ☐ CA SOS file no.

33-0810391

Address (apt./ste., room)

13341 Temescal Canyon Rd

City (If you have a foreign address, see instructions.)

Corona

State: CA

ZIP code: 92883

Exemption Reason

Check only one box.

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

☐ **Individuals — Certification of Residency:**
I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☑ **Corporations:**
The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☐ **Partnerships or Limited Liability Companies (LLCs):**
The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

☐ **Tax-Exempt Entities:**
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 _____ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

☐ **Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:**
The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

☐ **California Trusts:**
At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

☐ **Estates — Certification of Residency of Deceased Person:**
I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

☐ **Nonmilitary Spouse of a Military Servicemember:**
I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

Our privacy notice can be found in annual tax booklets or online. Go to **ftb.ca.gov/privacy** to learn about our privacy policy statement, or go to **ftb.ca.gov/forms** and search for **1131** to locate FTB 1131 EN-SP, Franchise Tax Board Privacy Notice on Collection. To request this notice by mail, call 800.338.0505 and enter form code **948** when instructed.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title: Amanda Hukkanen, Corporate Operations Administrator

Telephone: (951) 572-1200

Payee's signature ▶ Amanda

Date: 05/04/2026

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/21/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Marsh & McLennan Agency LLC
Marsh & McLennan Ins. Agency LLC
PO Box 85638
San Diego CA 92186
License#: 0H18131

CONTACT NAME: Gloria Bell
PHONE (A/C, No, Ext): 858-242-5779 **FAX (A/C, No):** 858-452-7530
E-MAIL ADDRESS: Gloria.Bell@MarshMMA.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Greenwich Insurance Company	22322
INSURER B : XL Specialty Insurance Company	37885
INSURER C : Atlantic Specialty Insurance Company	27154
INSURER D : QBE Specialty Insurance Company	11515
INSURER E : Starr Indemnity & Liability Company	38318
INSURER F :	

INSURED
HP Communications, Inc.
13341 Temescal Canyon Road
Corona, CA 92883

COVERAGES **CERTIFICATE NUMBER:** 1091756354 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** [ ] CLAIMS-MADE [X] OCCUR X BI/PD Ded:10,000 GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [X] PRO-JECT [ ] LOC OTHER:	Y		CGS745990905	7/15/2025	7/15/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$ 2,000,000 $ 300,000 $ 10,000 $ 2,000,000 $ 4,000,000 $ 4,000,000 $
A	**AUTOMOBILE LIABILITY** X ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY X $10k Ded. [ ]			CAS742915802	7/15/2025	7/15/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$ 2,000,000 $ $ See Attached for $ Hired Auto $ Physical damage
D E	[ ] **UMBRELLA LIAB** [X] OCCUR X **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [X] RETENTION $ 10,000			140002846 1001261322251	7/15/2025 7/15/2025	7/15/2026 7/15/2026	EACH OCCURRENCE AGGREGATE See page 3 for	$ 20,000,000 $ 20,000,000 $ additional info
B	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N: N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	Y	CWG745990805	7/15/2025	7/15/2026	X PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	Deductible: N/A $ 1,000,000 $ 1,000,000 $ 1,000,000
C	Contractors Equipment Floater - ACV			7100336610012	7/15/2025	7/15/2026	Scheduled: $7,134,389 Rented: $200,000 Item Deductible: $2,500	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Sacramento Last Mile Project. (PN: A07001804)
The City of Sacramento, its officials, agents, employees & volunteers are additional insureds per the attached.

CERTIFICATE HOLDER

The City of Sacramento
915 I Street, 4th Floor
Sacramento CA 95814

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Gloria J Bell

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ADDITIONAL REMARKS SCHEDULE

AGENCY Marsh & McLennan Agency LLC	NAMED INSURED HP Communications Inc.
POLICY NUMBER	
CARRIER / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability

ADDITIONAL COVERAGE

Professional Liability
Carrier: Berkley Assurance Company
Policy #: PCADB50284760725
Term: 7/15/25 - 7/15/26
$5,000,000 Each Claim Limit / $5,000,000 Aggregate
$25,000 Deductible Each Claim

Pollution Coverage
Carrier: Berkley Assurance Company
Policy #: PCADB50284760725
Term: 7/15/25 - 7/15/26
$10,000,000 Each Claim Limit / $10,000,000 Aggregate
$50,000 Deductible Each Claim

Crime Coverage
Carrier: Travelers Cas & Surety Co of America
Policy #: 105983294
Term: 7/15/25 - 7/15/26
Employee Theft of Client Property: $1,000,000; $10,000 Retention
Fiduciary Limit: $1,000,000; $0 Retention

Installation Floater / Property Coverage
Carrier: Atlantic Specialty Insurance Company
Policy #: 7100336610012
Term: 7/15/25 - 7/15/26
Actual Cash Value
$2,000,000 Limit w/ $2,500 Deductible
Business Personal Property Coverage: $556,600 Limit w/ $1,000 Deductible
Business Interruption / Extra Expense Coverage: $500,000 Limit

Cyber Liability
Carrier: Travelers Excess and Surplus Lines Company
Policy #: CYB10807182401
Term: 7/15/25 - 7/15/26
Aggregate Limit: $1,000,000
Retention: $25,000

Auto
Hired Auto Physical Damage (Comp. & Collision): $100,000 Limit
Comp. Deductible: $2,500; Collision Deductible: $2,500
Hired / Borrowed Auto Liability: $1,000,000 Limit
Non-Owned Auto Liability: $1,000,000 Limit

Employment Practices Liability Insurance
Carrier: Swiss Re Corporate Solutions America
Policy #: PMP100048900
Term: 7/15/25 - 7/15/26
$1,000,000 Limit
$100,000 Deductible
Claims Made Policy
Prior and Pending Date: 7/25/2017

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AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

AGENCY Marsh & McLennan Agency LLC	NAMED INSURED HP Communications Inc.
POLICY NUMBER	
CARRIER / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability

ADDITIONAL COVERAGE

Excess Liability
Carrier: Texas Insurance Company / MS Transverse Specialty Insurance Company
Policy number: JTR26EIAN-04874-01
Term: 1/20/26 – 7/15/26
Limits: $5M x $10M

Excess Liability
Carrier: Gotham Insurance Company
Policy Number: EX202600007450
Term: 1/20/26 – 7/15/26
Limits: $5M x $15M

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WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY **WC 00 03 13**
(Ed. 04-84)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization to whom you become obligated to waive your rights of recovery against, under any contract or agreement you enter into prior to the occurrence of loss.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

INSURED: HP Communications, Inc.

POLICY#: CGS745990905 POLICY PERIOD: 07/15/2025 TO: 07/15/2026

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Where required by written contract	
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or

2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

All other terms and conditions of this policy remain unchanged.

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INSURED: HP Communications, Inc.

POLICY#: CGS745990905 POLICY PERIOD: 07/15/2025 TO: 07/15/2026

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	**Location And Description Of Completed Operations**
Where required by written contract	
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

All other terms and conditions of this policy remain unchanged.

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City of SACRAMENTO
Department of Public Works

GUARANTEE

We hereby guarantee the Sacramento Last Mile Project Package 1 (PN: A07001804) for the City of Sacramento for one (1) year in accordance with the guarantee required in the specifications. We agree to repair or replace any or all such work, together with all or any other work which may be displaced in so doing, that may be proven defective in workmanship or material within the one-year period from the date of acceptance without any expense whatsoever to the City, ordinary wear and tear and unusual abuse or neglect excepted.

In the event of our failure to comply with the above-mentioned conditions within five (5) days time after being notified in writing, we collectively or separately, do hereby authorize the City to proceed to have the defects repaired and made good at our expense and will pay the costs and damages, including but not limited to any related attorney fees and City staff and administrative expenses, therefor immediately upon demand.

Dated: May 1, 2026

Signed:

Ahmad Olomi
Printed Name

HP Communications, Inc.
Company

13341 Temescal Canyon Rd
Address

Corona, CA 92883

(Rev. 5-6-91)

Addendum A

COMMUNITY WORKFORCE AND TRAINING AGREEMENT
CITY OF SACRAMENTO

AGREEMENT TO BE BOUND

The undersigned, as a Contractor or Subcontractor, including construction material trucking company/entity, (CONTRACTOR) on the City of Sacramento Project, (hereinafter PROJECT), for and in consideration of the award to it of a contract to perform work on said PROJECT, and in further consideration of the mutual promises made in this Community Workforce and Training Agreement (hereinafter AGREEMENT), a copy of which was received and is acknowledged, hereby:

(1) Accepts and agrees to be bound by the terms and conditions of the AGREEMENT for this Project, together with any and all amendments and supplements now existing or which are later made thereto.

(2) The CONTRACTOR agrees to be bound by the legally established local trust agreements designated in the applicable Master Agreement as described in Article XI of this AGREEMENT.

(3) The CONTRACTOR authorizes the parties to such local trust agreements to appoint trustees and successor trustees to administer the trust funds and hereby ratifies and accepts the trustees so appointed as if made by the CONTRACTOR.

(4) Certifies that it has no commitments or agreements which would preclude its full and complete compliance with the terms and conditions of said AGREEMENT.

(5) Agrees to secure from any CONTRACTOR(S) (as defined in said AGREEMENT) which is or becomes a subcontractor (of any tier) to it, a duly executed Agreement to be Bound in form identical to this document.

(6) This Agreement to be Bound constitutes a subscription agreement to the extent of its terms. However, the undersigned agrees to execute a separate Subscription Agreement(s) or contributing employer agreement for Trust Funds when such Trust Fund(s) requires such document(s).

Date: May 1, 2026

HP Communications, Inc.
Name of Contractor

Ahmad Olomi
(Name of Contractor Representative)

Ahmad Olomi / Executive VP
(Authorized Officer & Title)

752762
CSLB # or Motor Carrier Permit

Addendum A

COMMUNITY WORKFORCE AND TRAINING AGREEMENT
CITY OF SACRAMENTO

AGREEMENT TO BE BOUND

The undersigned, as a Contractor or Subcontractor, including construction material trucking company/entity, (CONTRACTOR) on the City of Sacramento Project, (hereinafter PROJECT), for and in consideration of the award to it of a contract to perform work on said PROJECT, and in further consideration of the mutual promises made in this Community Workforce and Training Agreement (hereinafter AGREEMENT), a copy of which was received and is acknowledged, hereby:

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(6) This Agreement to be Bound constitutes a subscription agreement to the extent of its terms. However, the undersigned agrees to execute a separate Subscription Agreement(s) or contributing employer agreement for Trust Funds when such Trust Fund(s) requires such document(s).

Date: 05/11/26

Telcon Services, LLC.
Name of Contractor

Ronald A Ivie
(Name of Contractor Representative)

Ronald A Ivie & President
(Authorized Officer & Title)

1142883
CSLB # or Motor Carrier Permit

CONTRACTORS STATE LICENSE BOARD

Contractor's License Detail for License # 752762

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

- CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click here for a definition of disclosable actions.
- Only construction related civil judgments reported to CSLB are disclosed (B&P 7071.17).
- Arbitrations are not listed unless the contractor fails to comply with the terms.
- Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 3/18/2026 9:38:57 AM

Business Information

HP COMMUNICATIONS INC
13341 TEMESCAL CANYON RD
CORONA, CA 92883
Business Phone Number:(951) 572-1207

Entity Corporation
Issue Date 08/07/1998
Expire Date **08/31/2026**

License Status

This license is current and active.

All information below should be reviewed.

Classifications

- C-7 - LOW VOLTAGE SYSTEMS
- A - GENERAL ENGINEERING
- C10 - ELECTRICAL
- C31 - CONSTRUCTION ZONE TRAFFIC CONTROL

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with HANOVER INSURANCE COMPANY (THE) .
Bond Number: 1040942
Bond Amount: $25,000
Effective Date: 01/01/2023
Contractor's Bond History

Bond of Qualifying Individual

- The qualifying individual NICHOLAS LEWIS GOLDMANN certified that he/she owns 10 percent or more of the voting stock/membership interest of this company; therefore, the Bond of Qualifying Individual is not required.
  Effective Date: 09/10/2025
  BQI's Bond History
- This license filed Bond of Qualifying Individual number **1109614** for AHMAD KARIM OLOMI in the amount of **$25,000** with HANOVER INSURANCE COMPANY (THE) .
  Effective Date: 04/27/2024
  BQI's Bond History

Workers' Compensation

This license has workers compensation insurance with the XL SPECIALTY INSURANCE COMPANY
Policy Number:CWG745990805
Effective Date: 07/15/2025
Expire Date: 07/15/2026
Workers' Compensation History

Workers' compensation classification code(s):
6325 - Conduit Construction/Underground Wiring
8742 - Salespersons-Outside
8810 - Clerical Office Employees

For a description of the workers' compensation classification code(s) listed for this licensee, contact the licensee's insurance carrier. Contact information for the licensee's insurer is available by clicking the insurer link above. Classification codes are also available on the Workers' Compensation Insurance Rating Bureau's classification search page.

The board does not verify or investigate the accuracy of classification codes displayed.

Other

- Personnel listed on this license (current or disassociated) are listed on other licenses.

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1000015920 - HP Communications, Inc.

Customer Account Lookup

PWCR

1000015920

Contractor Status

DIR Approved

CSLB

Business Phone

9515721200

Ext

Registration Start Date

2023-07-01

Legal Entity Name

HP Communications, Inc.

Doing Business As (DBA)

HP COMMUNICATIONS, INC.

Business Structure

Corporation - S corp

President

Nicholas Goldmann

Email

jamie.sims@hpcomminc.com

Registration End Date

2026-06-30

Crafts

Laborer and Related Classifications | Telecommunications Technician

Address

Mailing Address

13341 TEMESCAL CANYON RD

Mailing Address - City

CORONA

Mailing Address - State

CA

Mailing Address - Zip

92883

Mailing Address - Country

USA

Physical Address

13341 TEMESCAL CANYON RD

Physical Address - City

CORONA

Physical Address - State

CA

Physical Address - Zip

92883

Physical Address - Country

Related Lists

Registration Dates 10

Terms & Conditions

Privacy Policy

Disclaimer

Nondiscrimination Notice

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SAM.GOV®

HP COMMUNICATIONS, INC.

Unique Entity ID	CAGE / NCAGE	Purpose of Registration
EU41ZYLNZWP5	**1YKP2**	**All Awards**
Registration Status	Expiration Date	
Active Registration	**Mar 26, 2027**	
Physical Address	Mailing Address	
13341 Temescal Canyon RD **Corona, California 92883-4980** **United States**	**13341 Temescal Canyon RD** **Corona, California 92883-4980** **United States**	

Business Information

Doing Business as	Division Name	Division Number
HP COMMUNICATIONS INC	**(blank)**	**(blank)**
Congressional District	State / Country of Incorporation	URL
California 41	**California / United States**	**www.hpcomminc.com**

Registration Dates

Activation Date	Submission Date	Initial Registration Date
Mar 30, 2026	**Mar 26, 2026**	**May 21, 2002**

Entity Dates

Entity Start Date	Fiscal Year End Close Date
Jun 9, 1998	**Dec 31**

Immediate Owner

CAGE	Legal Business Name
(blank)	**(blank)**

Highest Level Owner

CAGE	Legal Business Name
(blank)	**(blank)**

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

Exclusion Summary

Active Exclusions Records?

N

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure	Entity Type	Organization Factors
Corporate Entity (Not Tax Exempt)	**Business or Organization**	**(blank)**
Profit Structure		
For Profit Organization		

Socio-Economic Types

Check the registrant's Reps & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

Financial Information

Accepts Credit Card Payments	Debt Subject To Offset
No	**No**

EFT Indicator	CAGE Code
0000	**1YKP2**

Points of Contact

Electronic Business

NICHOLAS GOLDMANN

13341 Temescal Canyon RD.
Corona, California 92883
United States

NICHOLAS GOLDMANN

13341 Temescal Canyon RD.
Corona, California 92883
United States

Government Business

NICHOLAS L GOLDMANN

13341 Temescal Canyon RD.
Corona, California 92883
United States

NICHOLAS L GOLDMANN

13341 Temescal Canyon RD.
Corona, California 92883
United States

Past Performance

JAY BAUMLER

18200 Von Karman Suite 100
Irvine, California 92612
United States

JAY BAUMLER

18200 Von Karman Suite 100
Irvine, California 92612
United States

Service Classifications

NAICS Codes

Primary	NAICS Codes	NAICS Title
Yes	**237130**	**Power And Communication Line And Related Structures Construction**

Disaster Response

This entity does not appear in the disaster response registry.

SPECIAL PROVISIONS

NOTICE TO BIDDERS

PROPOSAL AND CONTRACT

FOR

Sacramento Last Mile Project Package 1

CITY PROJECT NO: A07001804

Bid # B26151111014

For use with City of Sacramento Standard Specifications for Public Construction Dated November 2020, State of California Standard Specifications 2022, State of California Prevailing Wage Rates (Higher Rate Prevails) and Labor Surcharge and Equipment Rental Rates.

Project Manager:

Adam Randolph, Senior Engineer
arandolph@cityofsacramento.org

Bids to be received before:

2:00 P.M., Wednesday, March 11, 2026
1st Floor, New City Hall (Security Desk)
915 I Street, Sacramento, CA 95814

Pre-Bid Meeting:
February 17, 2026 at 1:00PM
Microsoft Teams Meeting
https://teams.microsoft.com/meet/28076999240786?p=tgkjcc3EamCIPpa7Up

Engineer's Construction Estimate: **$2,500,000** Construction Time: 120 Working Days

CITY OF SACRAMENTO

DEPARTMENT OF PUBLIC WORKS

CITY CONTRACT NO.: A07001804

NOTICE TO BIDDERS

Sealed proposals and bids for the work entitled:

Sacramento Last Mile Project Package 1

will be received by the City Clerk of the City of Sacramento at the Office of the Clerk, 915 I Street (New City Hall), 1st Floor (Security Desk), up to the hour of 2:00 P.M., March 11, 2026 and will be publicly opened and read at 2:30 P.M., Via ZOOM.

The Contractor shall possess a license or a combination of classes required by the categories and type of work included in this contract at the time this contract is awarded.

Bids are required for the entire work described herein. This contract is subject to the State contract nondiscrimination and compliance requirements pursuant to the Government Code Section 12990.

All such proposals received and any work performed thereunder must comply with the requirements of Title 3 of the Sacramento City Code.

Bid protests must be filed and maintained in accordance with the provisions of Sections 3.60.460 through 3.60.560 of the Sacramento City Code. Bid protests that do not comply with Sections 3.60.460 through 3.60.560 of the Sacramento City Code shall be invalid and shall not be considered. A bid protest fee of $750.00 is required at the time of filing to be considered valid in accordance with City of Sacramento Resolution No. 2003-231 dated April 29, 2003. As used herein, the term "bid protest" includes any bid protest that (1) claims that one or more bidders on this contract should be disqualified or rejected for any reason, or (2) contests a City staff recommendation to award this contract to a particular bidder, or (3) contests a City staff recommendation to disqualify or reject one or more bidders on this contract. A copy of Sections 3.60.460 through 3.60.560 of the Sacramento City Code may be obtained from the Project Manager, or from the City Clerk, located at 915 I Street, 1st Floor, Sacramento, CA 95814.

Bid Opening Information

Bids are to be received by 2:00PM at New City Hall, 915 I Street on the first floor Security Desk.

Bids will be opened virtually at 2:30 via a web meeting.

Join from a PC, Mac, iPad, iPhone or Android device:
Please click this URL to join. https://cityofsacramento-org.zoom.us/j/93077455918
Description: This is a reoccurring meeting for the City of Sacramento Bid Opening. Bids received on or before the due date and time scheduled for this date will be read. You may share this appointment/link with any interested parties. Please mute your micrphones/phones for the duration of the bid opening/reading. There will be a short period at the end of the call to ask for a repeat of any information.

Or One tap mobile:

+16699006833,,93077455918# US (San Jose)
+12532158782,,93077455918# US (Tacoma)

Or join by phone:
Dial(for higher quality, dial a number based on your current location):
US: +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799 or +1 929 205 6099 or +1 301 715 8592 or +1 312 626 6799
Webinar ID: 930 7745 5918
International numbers available: https://cityofsacramento-org.zoom.us/u/acfxKNwPM

Planet Bids

Bids must be submitted on printed forms supplied in the Contract Documents. Bids must be enclosed in an envelope marked:

SEALED BID
FOR
SACRAMENTO LAST MILE PROJECT PACKAGE ONE
(PN: A07001804)

Technical questions should be posted to Planet Bids a minimum of seven calendar days before bid closing.

The successful bidder shall furnish a payment bond and a performance bond for 100% of the contract amount.

TABLE OF CONTENTS

Invitation to Bid

Applicable Local Status Area's

Bid Proposal Form

Bid Proposal Guarantee

Subcontractor and Local Business Enterprise Participation Form

Drug Free Work Place

Minimum Qualifications Questionnaire

Non-Discrimination in Employee Benefits Ordinance

Certification Title VI Language

Agreement

Performance Bond

Payment Bond

Worker's Compensation Certification

Construction & Demolition Debris Recycling Requirements

Guarantee

Special Provisions

Labor Compliance Requirements

CWTA Requirements

BID PROPOSAL FORMS

PLEASE REMOVE AND COMPLETE THE FOLLOWING DOCUMENTS AND SUBMIT AS THE BID PROPOSAL PACKAGE

BID PROPOSAL CHECKLIST

Included: Please (√)

☑ Bid Proposal Form

☑ Subcontractor Form

☑ Bid Proposal Guarantee

☑ Drug Free Work Place Certification

☑ Minimum Qualifications Questionnaire

☑ Non-Discrimination in Employee Benefits Ordinance

☑ Certification Schedule of Values for Lump Sum Items*

☑ Title VI

***Bidder Generated Document**
Provide a Schedule of Values (cost break-down) for each lump sum electrical item(s). The Schedule of Values (cost break-down) shall be provided by 4:00 p.m. on the 4th (fourth) working day after the bid opening. If the lump sum item cost break-down is not submitted within the specified time, the bid will be deemed as non-responsive. The cost break-down shall be submitted to the Contracts Manager, Jose R. Ledesma via e-mail at jledesma@cityofsacramento.org.

TO THE HONORABLE CITY COUNCIL
SACRAMENTO, CALIFORNIA:

In compliance with the Contract Documents, the undersigned hereby proposes to furnish all required labor, materials, supervision, transportation, equipment, services, taxes, and incidentals required for:

City of Sacramento Last Mile Project Package 1
(PN: A07001804)

in the City and County of Sacramento, California.

The Work is to be done in strict conformity with the Contract Documents now on file in the Office of the City Clerk, for the following sum:

Item No.	Item	Estimated Quantity	Unit	Final Pay	Unit Price	Total
BASE BID ITEMS						
1.1	NORTHPOINTE DUCT BANK INSTALLATION	1	LS		$ 1,840,717.84	$ 1,840,717.84
1.2	NORTHPOINTE INSTALLATION OF UNDERGROUND SPACES	1	LS		$ 319,265.91	$ 319,265.91
1.3	NORTHPOINTE INSTALLATION OF FIBER OPTIC CABLING	1	LS		$ 211,042.03	$ 211,042.03
1.4	NORTHPOINTE FIBER OPTIC SPLICING	1	LS		$ 27,255.50	$ 27,255.50
1.5	NORTHPOINTE SIBER OPTIC TERMINATIONS	1	LS		$ 35,608.11	$ 35,608.11
1.6	NORTHPOINTE DISTRIBUTION ENCLOSRURE	1	LS		$ 22,158.07	$ 22,158.07
2.1	MARINA VISTA DUCT BANK INSTALLATION	1	LS		$ 517,981.22	$ 517,981.22
2.2	MARINA VISTA INSTALLATION OF UNDERGROUND SPACES	1	LS		$ 68,471.60	$ 68,471.60
2.3	MARINA VISTA INSTALLATION OF FIBER OPTIC CABLING	1	LS		$ 48,655.63	$ 48,655.63
2.4	MARINA VISTA FIBER OPTIC SPLICING	1	LS		$ 38,993.60	$ 38,993.60

2.5	MARINA VISTA SIBER OPTIC TERMINATIONS	1	LS	$ 78,704.26	$ 78,704.26
2.6	MARINA VISTA DISTRIBUTION ENCLOSRURE	1	LS	$ 6,493.67	$ 6,493.67

BASIS OF BID **Base Bid Total** $ 3,215,347.44

ADDITIVE BID ITEMS

3.1	PARAGARY 28TH ST BETWEEN O ST AND J ST	1	LS	$	$
3.2	PARAGARY 29TH ST BETWEEN CAPITOL AVE AND K ST	1	LS	$	$

Additive Bid Total $

CONTRACTOR NAME: HP Communications, Inc. TOTAL $3,215,347.44

It is understood that this Bid Proposal is based upon completion of the Work within a period of **ONE HUNDRED TWENTY (120) WORKING DAYS,** commencing on the date set forth in the written Notice to Proceed issued by the City to the Contractor. The Contractor is hereby notified and reminded that per City Contract requirements, the City will issue a Notice to Proceed within 15 calendar days of execution of contract by City. Contact working days will start immediately on the date of the Notice to Proceed. Attached is a sample of a Notice to Proceed.

Work under these Special Provisions shall be performed by qualified personnel experienced in work described herein. The Contractor shall possess current and active licenses issued by the California Contractors State License Board for Class A – General Engineering Contractor at the time of the bid submittal and throughout the construction period OR combination of Contractor and/or its subcontractor shall possess a license or a combination of classes of licenses required by the categories and type of work included in this contract at the time of the bid submittal and throughout the construction period. Any cited violations or pending violation investigations by the California Contractors State Licensing Board within three years prior to the date of the bid submittal shall be fully disclosed in the bid.

Class A License Number: 752762
Name and Address of Licensee: HP Communications, Inc., 13341 Temescal Canyon Rd, Corona, CA 92883
Issue Date: N/A
Expiration Date: 08/31/2026
License Status: Active

Class C7 License Number: 752762
Name and Address of Licensee: HP Communications, Inc., 13341 Temescal Canyon Rd, Corona, CA 92883

Issue Date: N/A
Expiration Date: 08/31/2026
License Status: Active

Class C10 License Number: 752762
Name and Address of Licensee: HP Communications, Inc., 13341 Temescal Canyon Rd, Corona, CA 92883
Issue Date: N/A
Expiration Date: 08/31/2026
License Status: Active

Provide a Schedule of Values (cost break-down) for each lump sum item(s). The Schedule of Values (cost break-down) shall be provided by 4:00 p.m. on the fourth working day after the bid opening. If the lump sum item cost break-down is not submitted within the specified time, the bid will be deemed as non-responsive. The cost break-down shall be submitted to Jose Ledesma, the Contracts Manager, at 915 I Street, Suite 2000, Sacramento, CA 95814 or by email at JLedesma@cityofsacramento.org.

DETERMINATION OF LOW BIDDER
The determination of the low bidder will be based on the **base bid without additives**. The City reserves the right to select which additives, if any, to include in the contract award in addition to the base bid work.

In determining the amount bid by each bidder, the City may disregard mathematical errors in addition, subtraction, multiplication, and division that appear obvious on the face of the Proposal. When such a mathematical error appears on the face of the Proposal, the City shall have the right to correct such error and to compute the total amount bid by said bidder on the basis of the corrected figure or figures.

The City Council may reject any and all bids and waive any informalities or minor irregularities in the bids.

When an item price is required to be set forth in the Proposal, and the total for the item set forth separately does not agree with a figure which is derived by multiplying the item price times the Engineer's estimate of the quantity of work to be performed for said item, the item price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the policy of the bidding procedure. The total paid for each such item of work shall be based upon the item price and not the total price. Should the Proposal contain only total price for the item and the item price is omitted, the City shall determine the item price by dividing the total price for the item by the Engineer's estimate of the estimated quantities of work to be performed as items of work.

If the Proposal contains neither the item price nor the total price for the item, then it shall be deemed incomplete, and the Proposal shall be disregarded.

The undersigned has examined the location of the proposed Work, the local conditions at the place where the Work is to be done, is familiar with the Contract Documents and is familiar and expressly agrees to the liquidated damages provision of the Contract Documents.

The undersigned has checked carefully all of the foregoing figures and understands that the City of Sacramento will not be responsible for any errors or omissions on the part of the undersigned in making up this Bid Proposal.

Enclosed is a Bid Proposal Guarantee, as required, consisting of a bidder's bond or other acceptable security for not less than ten percent (10%) of the amount Bid Proposal.

The undersigned agrees that all addenda received and acknowledged herein shall become a part of and be included in this Bid Proposal. This Bid Proposal includes the following addenda:

Add. #	1	DATE	02/17/2026
Add. #	2	DATE	02/17/2026
Add. #	3	DATE	03/02/2026
Add. #	4	DATE	03/06/2026

NOTE: State whether your company is a corporation, a co-partnership, private individual, or individuals doing business under a firm name.

Corporation

If the Bidder is a corporation, the Bid Proposal must be executed in the name of the corporation and must be signed by a duly authorized officer of the corporation.

If the Bidder is a partnership, the Bid Proposal must be executed in the name of the partnership and one of the partners must subscribe their signature thereto as the authorized representative of the partnership.

AMOUNT OF BID PROPOSAL GUARANTEE ENCLOSED:

($ 321,534.74) not less than ten percent (10%) of amount Bid Proposal

	CERTIFIED CHECK
	CASHIER'S CHECK
X	BID BOND
	MONEY ORDER
	OTHER SECURITY

CONTRACTOR:

By _____ (Signature)

Ahmad Olomi
(Print or Type)

Title Executive Vice President
Address 13341 Temescal Canyon Rd
Corona, CA 92883
Telephone No. (951) 572-1200

Fax No. (951) 572-1201

email address SacTeam@hpcomminc.com

Date March 9, 2026

FOR CITY USE ONLY

Bid Bond Security
☐ Properly Signed ☐ *Improperly Signed*
☐ *Not Included* ☐ Not Required

Type of Deposit
☒ Bid Bond ☐ Cashier/Certified Check
☐ Other_____ Initial:_____

Contractor's License No. 752762 Type C-7, A, C10, C31

Expiration Date 08/31/2026

Tax I.D. Nos.- Fed. 33-0810391 State California

City of Sacramento Business Operation Tax Certificate No. 1028798

(City will not award contract if Certificate Number is missing.)

SACRAMENTO

BID PROPOSAL GUARANTEE

PRINCIPAL (Contractor legal name and business address)	Type of Organization ("X" one)
HP Communications, Inc. 13341 Temescal Canyon Rd., Corona, CA 92883	☐ Individual ☐ Partnership ☒ Corporation ☐ Limited Liability Co. ☐ Other: _____ State of Organization formation: California
SURETY (Name and business address,)	(agent name and phone number)
Markel Insurance Company 4521 Highwoods Parkway Glen Allen, VA 23060	C3 Risk & Insurance Services (619) 233-8000
a corporation duly organized under the laws of the State of Illinois and duly licensed to issue this bond as authorized by the State of California. California License No. 3601-2	

OBLIGATION: We, the Principal and the Surety, bind ourselves, our heirs, executors, administrators and successors, jointly and severally, to the City of Sacramento ("City") as Obligee for the penal sum of ten percent (10%) of the total amount of the Principal's bid proposal submitted to the City for the project described below, to guarantee that Principal will accept the City's award of the project contract.

THE CONDITION OF THIS OBLIGATION IS -
That if the Principal has submitted a bid proposal to the City by the bid proposal due date as set forth in the invitation to bid, which date may be extended by City, for the project described as follows:

Project Name: Sacramento Last Mile Project Package 1
Project Number: A07001804
Bid Transaction Number: _____

AND if the City awards the contract for the project to the Principal within the time and manner required under the invitation to bid, and the Principal (i) enters into a written contract, in the prescribed form, in accordance with the bid proposal, (ii) files two bonds with the City to guarantee faithful performance and payment for labor and materials, and (iii) files the required insurance policies with the City, all as required by the invitation to bid or by law, then the obligation shall be null and void; otherwise it shall be and remain in full force and effect. The Surety agrees that this obligation is not impaired by any extensions of the time for the award of the contract Principal may grant to City, and any notice to Surety of such time extension is waived. In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the court, which sums shall be additional to the principal amount of this bond.

IN WITNESS WHEREOF, Surety has executed this Bid Proposal Guarantee on the day set forth in the attached notary acknowledgment. Attach Surety power of attorney form to verify signator's authority.

Principal/Contractor: HP Communications, Inc.

By: _____
Name:

Title: Ahmad Olomi, Executive VP

Surety: Markel Insurance Company

By: _____
Name:

Title: Leona Evangelista, Attorney-in-Fact

(Seal)

Revised: 2020

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

On MAR 09 2026 before me, Rebekah Eads, Notary Public
(insert name and title of the officer)

personally appeared Leona Evangelista,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

REBEKAH EADS
Notary Public - California
San Diego County
Commission # 2466403
My Comm. Expires Nov 9, 2027

POA# 510664

JOINT LIMITED POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That SureTec Insurance Company, a Corporation duly organized and existing under the laws of the State of Texas and having its principal office in the County of Harris, Texas and Markel Insurance Company (the "Company"), a corporation duly organized and existing under the laws of the state of Illinois, and having its principal administrative office in Glen Allen, Virginia, does by these presents make, constitute and appoint:

Elisabeth Georgeson, Lauran M. Graham, Ray Canto, Richard Hallett, Leona Evangelista, Rebekah Eads, Marissa Robinson

Their true and lawful agent(s) and attorney(s)-in-fact, each in their separate capacity if more than one is named above, to make, execute, seal and deliver for and on their own behalf, individually as a surety or jointly, as co-sureties, and as their act and deed any and all bonds and other undertaking in suretyship provided, however, that the penal sum of any one such instrument executed hereunder shall not exceed the sum of:

In Unlimited Amounts

This Power of Attorney is granted and is signed and sealed under and by the authority of the following Resolutions adopted by the Board of Directors of SureTec Insurance Company and Markel Insurance Company:

"RESOLVED, That the President, any Senior Vice President, Vice President, Assistant Vice President, Secretary, Assistant Secretary, Treasurer or Assistant Treasurer and each of them hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer or attorney, of the company, qualifying the attorney or attorneys named in the given power of attorney, to execute in behalf of, and acknowledge as the act and deed of the SureTec Insurance Company and Markel Insurance Company, as the case may be, all bond undertakings and contracts of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, Markel Insurance Company and SureTec Insurance Company have caused their official seal to be hereunto affixed and these presents to be signed by their duly authorized officers on the 21st day of August , 2024 .

SureTec Insurance Company

By: _____
Michael C. Kelsig, President

Markel Insurance Company

By: _____
Lindey Jennings, Vice President

State of Texas
County of Harris:

On this 21st day of August , 2024 A. D., before me, a Notary Public of the State of Texas, in and for the County of Harris, duly commissioned and qualified, came THE ABOVE OFFICERS OF THE COMPANIES, to me personally known to be the individuals and officers described in, who executed the preceding instrument, and they acknowledged the execution of same, and being by me duly sworn, disposed and said that they are the officers of the said companies aforesaid, and that the seals affixed to the proceeding instrument are the Corporate Seals of said Companies, and the said Corporate Seals and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said companies, and that Resolutions adopted by the Board of Directors of said Companies referred to in the preceding instrument is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed my Official Seal at the County of Harris, the day and year first above written.

By: _____
Chelsea Turner, Notary Public
My commission expires 7/6/2028

We, the undersigned Officers of SureTec Insurance Company and Markel Insurance Company do hereby certify that the original POWER OF ATTORNEY of which the foregoing is a full, true and correct copy is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, we have hereunto set our hands, and affixed the Seals of said Companies, on the 9th day of March 2026

SureTec Insurance Company

By: _____
M. Brent Beaty, Assistant Secretary

Markel Insurance Company

By: _____
Andrew Marquis, Assistant Secretary

Any Instrument Issued in excess of the penalty stated above is totally void and without any validity. 510664
For verification of the authority of this Power you may call (713)812-0800 on any business day between 8:30 AM and 5:00 PM CST.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of RIVERSIDE)

On 03/09/2026 before me, Stephanie M. Alvarez, Notary Public
(insert name and title of the officer)

personally appeared Ahmad Olomi,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

STEPHANIE M. ALVAREZ
Notary Public - California
Riverside County
Commission # 2445261
My Comm. Expires Apr 25, 2027

HP Communications, Inc.

"United We Stand"

January 9, 2024

To Whom It May Concern,

HP Communications, Inc. provides every new hire a document detailing the company's drug and alcohol policy.

Sincerely,

Ahmad Olomi
Executive Vice President
HP Communications, Inc.

13341 Temescal Canyon Rd., Corona, CA 92883 • Tel. (951) 572-1200 • Fax. (951) 572-1201



HP COMMUNICATIONS, INC.

UNITED WE STAND



Alcohol and Drug Policy

Due to the inherently dangerous nature of our work, it is very important that employees of HP Communications, Inc., be completely sober while working. *Alcohol* and *Drug* abuse will not be tolerated on the job.

Any employee found *using, possessing,* or *being under the influence* of *Alcohol* or illegal *Drugs* during company's work hours, in company vehicles, on company property, or on company's customers' property will be disciplined. This discipline will likely include termination.

I understand that if I am found using, possessing, or being under the influence of *Alcohol* or *Illegal Drugs* during company work hours, in company vehicles, on company property, or on company's customers' property, I will be disciplined. I understand that this discipline will likely include termination.

Any employee who is involved in an accident or injury does hereby agree to consent to a drug and alcohol test.

I understand that if I am involved in an accident or injury, I must consent to a Drug and Alcohol test. I understand that failure to immediately comply with a request for testing will result in my immediate termination.

Signature _____

Printed Name _____ **Date** _____

HP Communications, Inc.

13341 Temescal Canyon Rd. • Corona, CA 92883 • Phone (909) 471-1919 • Fax (909) 266-8080

City of SACRAMENTO

Subcontractor and Local Business Enterprise Participation Form
For Public Projects over $100,000 (use only base bid amount to estimate dollar value)
THIS FORM MUST BE SUBMITTED WITH THE SEALED BID PROPOSAL

To be eligible for award of this contract, the bidder shall list the business entities used to attain the 5% LBE requirement. Additionally, the bidder shall list all other subcontractors who perform work, render service, or provide materials in an amount in excess of one-half of 1 percent of the total bid amount. In the case of bids for the construction of streets and highways, including bridges, subcontractors whose subcontract value exceeds one-half of 1 percent of the total bid or ten thousand dollars ($10,000), whichever is greater, shall be listed. Estimated dollar values shall be provided for all work / services listed. The failure to attain the 5% LBE participation or the inclusion of false information or the omission of required information will render the bid non-responsive.

Prime Contractor Name	HP Communications, Inc.
Prime Contractor Address	8810 Elder Creek Rd Sacramento, CA 95828
(REQUIRED) Prime Contractor DIR Registration #	1000015920

Date	03/11/2026
Bid Amount	3,215,347.44
Is Prime LBE?	[X] Yes [ ] No

		Subcontractor DIR Registration # (subject to verification)	LBE?	Type of Work, Services, or Supplies to be provided to complete contract	Estimated Dollar Value of Work, Services or Supplies to be Performed of Provided
Business Name	Telcon Services, LLC	2000016520	[X] Yes [ ] No	UG Construction, FOC placement, splicing	$ 1,607,672.60
License Number	1142883				
Address	3401 S Old Wick Ave				
City, State, Zip	Eagle, ID 83616				
Contact Person	Ron Ivie				
Phone	(208) 867-4645				
Business Name		**Subcontractor DIR Registration # (subject to verification)**	**LBE?**	**Type of Work, Services, or Supplies to be provided to complete contract**	**Estimated Dollar Value of Work, Services or Supplies to be Performed of Provided**
License Number			[ ] Yes [ ] No		$
Address					
City, State, Zip					
Contact Person					
Phone					
Business Name		**Subcontractor DIR Registration # (subject to verification)**	**LBE?**	**Type of Work, Services, or Supplies to be provided to complete contract**	**Estimated Dollar Value of Work, Services or Supplies to be Performed of Provided**
License Number			[ ] Yes [ ] No		$
Address					
City, State, Zip					
Contact Person					
Phone					

COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY

I hereby certify that each subcontractor listed on this Subcontractor and LBE Participation Form has been notified that it has been listed and has consented in writing to its name being submitted for this contract. The Prime Contractor also certifies that it will notify each subcontractor listed on this Form in writing if the contract award is made to the Prime Contractor, and will make all documentation relevant to the subcontractor and LBE participation available to City of Sacramento upon request. The Prime Contractor further certifies that all of the information contained in this Form is true and correct and acknowledges that the City will rely on the accuracy of this information in awarding the contract.

PRINCIPAL OF FIRM:

Signature	Title	Date
	Executive VP	3/06/2026

Form Revised 3/9/15

MINIMUM QUALIFICATIONS QUESTIONNAIRE

Sacramento City Code Section 3.60.020 authorizes the Sacramento City Council to adopt standard minimum qualifications for bidders on competitively bid public works construction projects, and requires, among other provisions, that a bidder meet such minimum qualifications at the time of bid opening in order to bid. On July 31, 2007, the City Council adopted Resolution No. 2007-574 establishing these standard minimum qualifications. Pursuant to City Code section 3.60.020, a bidder failing to meet these minimum qualifications at the time of bid opening shall not be considered a responsible bidder for purposes of bidding on the subject project.

All bidders must demonstrate compliance with the minimum qualifications established by Resolution No. 2007-574 by completing all of the questions contained in this questionnaire. Bidder responses shall be limited to those operating business units, offices, branches and/or subsidiary divisions of the bidder that will be involved with the performance of any project work if awarded the contract. If a bidder answers "yes" to any single question, fails to submit a fully completed questionnaire, or submits false information, this will result in a determination that the minimum qualifications are not met, and the bidder shall not be considered a qualified bidder for purposes of bidding on this contract. If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must separately meet these minimum qualifications for the Joint Venture to be considered a qualified bidder.

The City of Sacramento ("City") shall make its determination on the basis of the submitted questionnaire, as well as any relevant information that is obtained from others or as a result of investigation by the City. While it is the intent of this questionnaire to assist the City in determining whether bidders possess the minimum qualifications necessary to submit bids on the City's competitively bid public works construction contracts, the fact that a bidder submits a questionnaire demonstrating that it meets these minimum qualifications shall not in any way limit or affect the City's ability to: (1) review other information contained in the bid submitted by the bidder, and additional relevant information, and determine whether the contractor is a responsive and/or responsible bidder; or (2) establish pre-qualification requirements for a specific contract or contracts.

By submitting this questionnaire, the bidder consents to the disclosure of its questionnaire answers: (i) to third parties for purposes of verification and investigation; (ii) in connection with any protest, challenge or appeal of any action taken by the City; and (iii) as required by any law or regulation, including without limitation the California Public Records Act (Calif. Gov't Code sections 6250 et seq.). Each questionnaire must be signed under penalty of perjury in the manner designated at the end of the form, by an individual who has the legal authority to bind the bidder submitting the questionnaire. If any information provided by a bidder becomes inaccurate, the bidder shall immediately notify the City and provide updated accurate information in writing, under penalty of perjury.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

QUESTIONNAIRE

NOTICE: **For firms that maintain other operating business units, offices, branches and/or subsidiary divisions that will not be involved with the performance of any project work if the firm is awarded the contract, references hereafter to "your firm" shall mean only those operating business units, offices, branches and/or subsidiary divisions that will be involved with the performance of any project work.**

All of the following questions regarding "your firm" refer to the firm (corporation, partnership or sole proprietor) submitting this questionnaire, as well as any firm(s) with which any of your firm's owners, officers, or partners are or have been associated as an owner, officer, partner or similar position within the last five years
The firm submitting this questionnaire shall not be considered a responsible bidder if the answer to any of these questions is "yes", or if the firm submits a questionnaire that is not fully completed or contains false information.

1. **Classification & Expiration Date(s) of California** Contractor's License Number(s) held by firm:

   C-7, A, C10, C31; 08/31/2026

2. Has a contractor's license held by your firm and/or any owner, officer or partner of your firm been revoked at anytime in the last five years?

   ■ Yes ■ No

3. Within the last five years, has a surety firm completed a contract on your firm's behalf, or paid for completion of a contract to which your firm was a party, because your firm was considered to be in default or was terminated for cause by the project owner?

   ■ Yes ■ No

4. At the time of submitting this minimum qualifications questionnaire, is your firm ineligible to bid on or be awarded a public works contract, or perform as a subcontractor on a public works contract, pursuant to either California Labor Code section 1777.1 (prevailing wage violations) or Labor Code section 1777.7 (apprenticeship violations)?

   ■ Yes ■ No

5. At any time during the last five years, has your firm, or any of its owners, officers or partners been convicted of a crime involving the awarding of a contract for a government construction project, or the bidding or performance of a government contract?

   ■ Yes ■ No

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

6. Answer either subsection A or B, as applicable:

A. Your firm has completed three or more government construction contracts in Sacramento County within the last five years: Within those five years, has your firm been assessed liquidated damages on three or more government construction contracts in Sacramento County for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging the assessment of liquidated damages on a government contract within the last five years, you need not include that contract in responding to this question.

■ Yes ■ No ■ Not applicable

OR

B. Your firm has not completed at least three government construction contracts in Sacramento County within the last five years: Within the last three years, has your firm been assessed liquidated damages on three or more government construction contracts for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging an assessment of liquidated damages on a government contract within the last three years, you need not include that contract in responding to this question.

■ Yes ■ No ■ Not applicable

7. In the last three years has your firm been debarred from bidding on, or completing, any government agency or public works construction contract for any reason?

NOTE: If there is a pending administrative or court action challenging a debarment, you need not include that debarment in responding to this question.

■ Yes ■ No

8. Has CAL OSHA assessed a total of three or more penalties against your firm for any "serious" or "willful" violation occurring on construction projects performed in Sacramento County at any time within the last three years?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

■ Yes ■ No

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

9. Answer either subsection A or B, as preferred:

A. In the last three years has your firm had a three year average Workers' Compensation experience modification rate exceeding 1.1?

■ Yes ■ No

OR

B. In the last three years has your firm had a three-year average incident rate for total lost workday cases exceeding 10?

NOTE: Incident rates represent the number of lost workday cases per 100 full-time workers and is to be calculated as: (N/EH) x 200,000, where

N	**= number of lost workday cases (as defined by the U.S. Dept. of Labor, Bureau of Labor Statistics)**
EH	**= total hours worked by all employees during the calendar year**
200,000	**= base for 100 equivalent full-time working (working 40 hours per week, 50 weeks per year)**

■ Yes ■ No

10. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed penalties three or more times, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was a contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

■ Yes ■ No

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

11. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed a single penalty of $100,000 or more, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was the contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

■ Yes ■ No

12. In the past three years, have civil penalties been assessed against your firm pursuant to California Labor Code 1777.7 for violation of California public works apprenticeship requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

■ Yes ■ No

13. In the past three years, has a public agency in California withheld contract payments or assessed penalties against your firm for violation of public works prevailing wage requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a withholding or penalty assessment, you need not include that withholding or penalty assessment in responding to this question.

■ Yes ■ No

14. Has your firm been assessed penalties for violation of public works prevailing wage requirements in California, in an aggregate amount for the past three years of $50,000 or more?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

■ Yes ■ No

FOR CITY CLERK USE ONLY

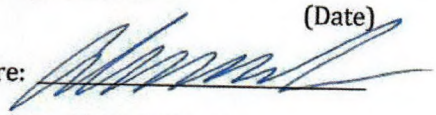
RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

VERIFICATION AND SIGNATURE

I, the undersigned, certify and declare that I have read all the foregoing answers to this Minimum Qualifications Questionnaire, and know their contents. The matters stated in these Questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed at Corona, CA (Location), on March 6, 2026 (Date).

Signature: 

Print name: Ahmad Olomi

Title: Executive Vice President

NOTE: If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must submit a separate Minimum Qualifications Questionnaire.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits By City Contractors Ordinance (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

APPLICATION

The provisions of the Ordinance apply to any contract or agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding $25,000.00. The Ordinance applies to that portion of a contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City contract is being performed. The provisions apply only to those employee(s) actually working on the City contract and only for the actual amount of time the employee(s) spend working on such contract.

The Ordinance does not apply: to subcontractors or subcontracts of any Contractor or contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to contracts for excavation or street construction; or to agreements for the use of City right-of-way where a contracting utility has the power of eminent domain.

DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use of occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a contracting utility has the power of eminent domain; or agreements governing the use of City property that constitute a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

"Contractor" means any person or persons, firm partnership or corporation, company , or combination thereof, that enters into a Contract with the City. "Contractor" does not include a public entity.

"Domestic Partner" means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

"Employee Benefits" means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees;. "Employee benefits" shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state.

CONTRACTOR'S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee's name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of contract.

EMPLOYER COMPLIANCE CERTIFICATE AND NOTICE REQUIREMENTS

(a) All contractors seeking a Contract subject to the Ordinance shall submit a completed Declaration of Compliance Form (attachment "A"), signed by an authorized representative, with each proposal, bid or application. The Declaration of Compliance shall be made a part of the executed contract, and will be made available for public inspection and copying during regular business hours.

(b) The Contractor shall give each existing employee working directing on a City contract, and (at the time of hire), each new employee, a copy of the notification provided as attachment "B."

(c) Contractor shall post, in a place visible to all employees, a copy of the notice provided as attachment "C."

DECLARATION OF COMPLIANCE
Equal Benefits Ordinance

HP Communications, Inc.
Name of Contractor

13341 Temescal Canyon Rd, Corona, CA 92883
Address

The above named contractor ("Contractor") hereby declares and agrees as follows:

1. I have read and understand the Non-Discrimination In Employee Benefits By City Contractors Ordinance ("Ordinance") provided to me by the City of Sacramento ("City") in connection with the City's request for proposals or other solicitations for the performance of services, or for the provision of commodities, under a City contract or agreement ("Contract").

2. As a condition of receiving the City Contract, I agree to fully comply with the requirements of the Ordinance, codified as Chapter 3. 54 of the Sacramento City Code.

3. If the face amount of this City Contract is less than $100,000.00 as a condition of receiving this Contract, I agree to notify the City in writing if the aggregate value of the City Contract referenced herein, after changes, modifications, or similar actions, equals or exceeds $100,000.00 in total value.

4. I understand, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance, are any of the following:

   a. Bereavement Leave
   b. Disability, life, and other types of insurance
   c. Family medical leave
   d. Health benefits
   e. Membership or membership discounts
   f. Moving expenses
   g. Pension and retirement benefits
   h. Vacation
   i. Travel benefits
   j. Any other benefit offered to employees

   I agree that should I offer any of the above listed employee benefits, that I will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

5. I understand that I will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:

   a. In the event that the actual cost of providing a benefit to a domestic partner or spouse, exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, I will not be required to provide the benefit, nor shall it be deemed discriminatory, if I require the employee to pay the monetary difference in order to provide the benefit to

the domestic partner or to the spouse.

b. In the event I am unable to provide a certain benefit, despite taking reasonable measures to do so, if I provide the employee with a cash equivalent, I will not be deemed to be discriminating in the application of that benefit.

c. If I provide employee benefits neither to employee's spouses nor to employee's domestic partners.

d. If I provide employee benefits to employees on a basis unrelated to marital or domestic partner status.

e. If I submit, to the Program Coordinator, written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies which are to be enacted before the first effective date after the first open enrollment process following the date the Contract is executed with the City.

I understand that any delay in the implementation of such policies may not exceed one (1) year from the date the Contract is executed with the City, and applies only to those employee benefits for which an open enrollment process is applicable.

f. Until administrative steps can be taken to incorporate, in the infrastructure, nondiscrimination in employee benefits

The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date the Contract is executed with the City.

g. Until the expiration of a current collective bargaining agreement(s) where, in fact, employee benefits are governed by a collective bargaining agreement(s).

h. I take all reasonable measures to end discrimination in employee benefits by either requesting the union(s) involved agree to reopen the agreement(s) in order for me to take whatever steps are necessary to end discrimination in employee benefits or by my ending discrimination in employee benefits without reopening the collective bargaining agreement(s).

i. In the event I cannot end discrimination in employee benefits despite taking all reasonable measures to do so, I provide a cash equivalent to eligible employees for whom employee benefits (as listed previously), are not available.

Unless otherwise authorized in writing by the City Manager, I understand this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or no longer than three (3) months from the date the Contract is executed with the City.

6. I understand that failure to comply with the provisions of Section 5. (a) through 4. (i), above, will subject me to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future contracts until all penalties and restitution have been paid in full; deemed ineligible for future contracts for up to two (2) years; the imposition of a penalty, payable to the City, in the sum of $50.00 for each employee,

for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.

7. I understand and do hereby agree to provide each current employee and, within ten (10) days of hire, each new employee, of their rights under the Ordinance. I further agree to maintain a copy of each such letter provided, in an appropriate file for possible inspection by an authorized representative of the City. I also agree to prominently display a poster informing each employee of these rights.

8. I understand that I have the right to request an exemption to the benefit provisions of the Ordinance when such a request is submitted to the Procurement Services Division, in writing with sufficient justification for resolution, prior to contract award.

   I further understand that the City may request a waiver or exemption to the provisions or requirements of the Ordinance, when only one contractor is available to enter into a contract or agreement to occupy and use City property on terms and conditions established by the City; when sole source conditions exist for goods, services, public project or improvements and related construction services; when there are no responsive bidders to the EBO requirements and the contract is for essential goods or services; when emergency conditions with public health and safety implications exist; or when the contract is for specialized legal services if in the best interest of the City.

9. In consideration of the foregoing, I shall defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the City's Equal Benefits Requirements or of the Ordinance by me.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

3/06/2026
Date

Ahmad Olomi
Print Name

Executive Vice President
Title

YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

On ..... (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for ..... (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits By City Contractors Ordinance (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific contract referenced above, but only for the period of time while those employees are actually working on this specific contract.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

You May . . .

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

  City of Sacramento
  Contract Services Unit
  915 I St, 2nd Floor
  Sacramento, CA 95814-2714

- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:

  - Reinstatement, injunctive relief, compensatory damages and punitive damages

  - Reasonable attorney's fees and costs

YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S
NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

If you feel you have been discriminated against by your employer . . .

You May . . .

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

  City of Sacramento
  Contract Services Unit
  915 I St, 2nd Floor
  Sacramento, CA 95814-2714

- Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

Discrimination and Retaliation Prohibited.

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

You May Also . . .

Submit a written complaint to the City of Sacramento, Contract Services Unit, at the same address, containing the details of the alleged violation.

TITLE VI

Title VI Language

APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

(1) ***Compliance with Regulations:***
The contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

(2) ***Nondiscrimination:***
The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

(3) ***Solicitations for Subcontracts, Including Procurements of Materials and Equipment:***
In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

(4) ***Information and Reports:***
The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the (Recipient) or the (Name of Appropriate Administration) to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the contractor shall so certify to the (Recipient), or the (Name of Appropriate Administration) as appropriate, and shall set forth what efforts it has made to obtain the information.

(5) ***Sanctions for Noncompliance:***
In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the (***Recipient***) shall impose such contract sanctions as it or the (***Name of Appropriate Administration***) may determine to be appropriate, including, but not limited to:

- **(a)** withholding of payments to the contractor under the contract until the contractor complies, and/or
- **(b)** cancellation, termination or suspension of the contract, in whole or in part.

(6) ***Incorporation of Provisions:***
The contractor shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the (***Recipient***) or the (***Name of Appropriate Administration***) may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the (***Recipient***) to enter into such litigation to protect the interests of the (***Recipient***), and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

TITLE VI

Title VI Language

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Construction and Demolition (C&D) Debris Recycling Requirements

As a condition of receiving this Contract, Contractor agrees to fully comply with the requirements specified herein for all demolition projects, as well as projects with a valuation of $250,000 or more:

1. **Definitions**. For purposes of this section, the following terms, words and phrases shall have the following meanings:

"Certified C&D sorting facility" means a facility that receives C&D debris and/or processes C&D debris into its component material types for reuse, recycling, and disposal of residuals and possesses a valid certificate as a C&D sorting facility from the Sacramento Regional County Solid Waste Authority.

"Construction and demolition debris" or "C&D debris" means used or commonly discarded materials resulting from construction, repair, remodel or demolition operations on any pavement, house, building, or other structure, or from landscaping that are not hazardous as defined in California Health and Safety Code section 25100 et seq. Such materials include, but are not limited to, concrete, asphalt, wood, metal, brick, dirt, sand, rock, gravel, plaster, glass, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, masonry, plastic pipe, trees, and other vegetative matter resulting from land clearing and landscaping.

"Divert" or "diversion" means to use materials for any purpose other than disposal in a landfill or transformation facility. Methods to divert materials include on-site reuse of the materials, delivery of materials from the project site to a certified C&D sorting facility or a recycling facility, or other methods as approved in regulations promulgated by the City Department of Utilities.

"Franchised waste hauler" means a person who possesses a valid commercial solid waste collection franchise issued by the Sacramento Regional County Solid Waste Authority.

"Mixed C&D debris" means loads that include commingled recyclable and non-recyclable C&D debris generated at a project site.

"Recyclable C&D debris" means C&D debris required to be diverted from landfills as specified in the Waste Management Plan and returned to the economic mainstream in the form of raw material for new, reused or reconstituted products that meet the quality standards necessary to be used in the marketplace.

"Recycling facility" means a facility or operation that receives, processes, and transfers source-separated recyclable materials.

"Source-separated C&D debris" means recyclable C&D debris that is separately sorted and containerized at the site of generation by individual material type and segregated from mixed C&D debris prior to collection and transporting.

"Waste log" means a record detailing the management of C&D debris generated by the covered project, including the date and weight/volume of material by type that was salvaged, reused, recycled or disposed.

2. **Waste Management Plan**. A completed WMP (see **Attachment 1**) must be submitted to and approved by the City prior to commencing any work on the project. The WMP must specify the types of C&D debris that will be generated from the project; the manner in which C&D debris will be managed and/or stored on the project site; the manner in which recyclable C&D debris generated from the project will be recycled or reuse; the person who will haul, collect or transport the recyclable C&D debris from the project site; and the certified C&D sorting facility or recycling facility where recyclable C&D debris will be delivered. The WMP must be approved by the City prior to commencing any work on the project.

3. Contractor shall be solely responsible for diverting the recyclable C&D materials specified on the WMP. Mixed C&D debris shall be delivered to a SWA-certified C&D sorting facility only. Only the permit holder, the person who generates the waste, a franchised waste hauler, or the City of Sacramento can transport or haul mixed C&D debris. Source-separated C&D debris may be delivered by any person to any recycling facility that accepts such materials. (See **Attachment 2** for list of C&D Debris Haulers and Facilities).

4. During the course of the project, Contractor shall maintain a waste log (see **Attachment 3**), and keep all weight tickets or weight receipts, for all C&D debris hauled away from the project. At a minimum, the waste log shall specify the C&D debris generated by the project; the manner in which C&D debris was recycled or re-used; and the facility where the C&D debris was delivered.

5. Within 30 days after submitting the project completion report, Contractor shall submit to the City a completed waste log, along with copies of supporting weight tickets. Contractor shall maintain and keep accurate and complete records of al bills, weight receipts or weight tickets that were issued for the collection, transport or disposal of C&D debris for a period of one-year after submittal of the waste log. The records shall be made available for inspection, examination and audit by the City during the one-year retention period to validate the information provided in the WMP and in the waste log. If the City determines noncompliance by the Contractor after an audit has been conducted, Contractor shall reimburse the City for all costs incurred in performing the audit.

6. Failure by Contractor to comply with any provisions specified herein will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; imposition of a penalty, payable to the City ($50-$250 for first offense, $251-$500 for second offense, and $501-$1500 for subsequent offenses); and/or submission of a performance security deposit fee when submitting a permit application to the City for a project within one year of imposition of the penalty.

For questions or to obtain more information about the Recycling Requirements for C&D debris, contact the City of Sacramento, Solid Waste Services Division, 2812 Meadowview Road, Building 1, Sacramento, CA 95832, or telephone (916) 808-4833, or email C&D@cityofsacramento.org

C&D Debris Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Form submitted by:	
	Please attach a business card, or put your name with a phone number and/or an email address.

This Waste Management Plan (WMP) must be submitted and approved before work can begin. Only one WMP is required for each public construction project. The administration fee and, if applicable, a security deposit must be submitted with this form to be approved. Administration fee is 0.04% of project bid amount (min $40, max $800); security deposit, if applicable, is 1% of bid amount (max $10,000). The accompanying Waste Log must be submitted within 30 days of the project completion report, or a penalty may be imposed.

A. Building Project Information:

Job Address: _____ Engineering Estimate: _____
Contractor: _____ Phone: _____
Address: _____ Email: _____

B. Briefly describe the project:

_____

_____

_____

_____

_____

C. Materials Required to be Recycled

50% of all debris must be recycled if generated during the course of your project. You can either **source-separate** them, which may be hauled by anyone, or mix them in one container and send the **mixed C&D debris** load to a **Certified Mixed C&D Sorting Facility**. Mixed C&D loads can only be hauled by a franchised hauler or self-hauled. Please see the Definitions section, on the next page, for more information.

50%
of all debris must be recycled

D. Material Management.

1. **How will C&D debris will be stored on the project site**: _____ Mixed C&D _____ Source-Separated
2. **Company to haul away debris**: _____
3. **Facilities to receive debris**: _____

C&D Debris Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

E. Definitions.

Please read and understand these terms. Call Solid Waste at (916) 808-4833 if these terms are not clear to you. More information is also available online at http://www.cityofsacramento.org/utilities/.

1. **Self-haul or self-hauling**: This is when the general contractor or a subcontractor *who is doing work on the project* hauls their own waste materials for recycling or disposal. Note that a *jobsite cleanup crew is not doing other work on the project and is not self-hauling*. Jobsite cleanup crews need to be franchised in order to haul mixed C&D debris away.
2. **Franchised hauler**: Check the Department of Utilities (DOU) website for a list of these haulers. Only these companies and the City of Sacramento can collect and haul mixed C&D debris generated within the City for a fee.
3. **Source separation**: This means keeping wood, metal, cardboard, or other recyclables in separate containers, and sending the materials to an authorized recycler. A list of authorized recyclers can be found on the DOU web site. Source-separated materials may be hauled by anyone.
4. **Mixed C&D debris**: This means putting all recyclable debris into one container. Mixed materials must be sent to a certified mixed C&D sorting facility. Mixed materials may be either self-hauled or hauled by a franchised hauler. If your job site is crowded, this option saves the most space.
5. **Certified Mixed C&D Sorting Facility**: See the DOU web site for a list. These facilities have been certified by the Sacramento Regional Solid Waste Authority (SWA) to extract recyclable materials from mixed C&D debris.

F. Terms and Conditions

- Your approved Waste Management Plan and Waste Log must be kept on the job site for the duration of the project.
- City of Sacramento Solid Waste Services staff may enter the jobsite to inspect waste collection areas.
- **ALL** Clean Wood Waste (unpainted, untreated lumber, plywood and OSB), Inert Materials (concrete, asphalt paving, brick, block, and dirt), Wooden Pallets, Scrap Metal, and Corrugated Cardboard must be recycled.
- Only SWA-Certified Mixed C&D Sorting Facilities may be used to recycle these materials if mixed with other materials.
- Only the City of Sacramento, SWA-Franchised Haulers, or self-haulers (as defined above) may collect and transport mixed C&D material from the jobsite.
- C&D Debris may not be burned or dumped illegally.
- Your Waste Log must be completed and submitted, with supporting weight tickets, within 30 days of submitting your project completion report. All waste hauling and disposal or recycling activity must be entered on the Waste Log, including information from any subcontractors who self-hauled their own debris off-site.
- You must keep all receipts or weight-tickets from your project for a period of one year from the submittal of your waste log.
- Failure to comply with these terms and conditions may result in a fine and payment of a security deposit on future projects.

C&D Debris Haulers & Facilities

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4833 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Certified Mixed C&D Facilities

Allied Waste / Elder Creek Transfer and Recovery	(916) 387-8425
Florin-Perkins Public Disposal	(916) 443-5120
L&D Landfill	(916) 737-8640
Waste Management / K&M Recycle America	(916) 452-0142

Franchised Haulers

ACES Waste Services, Inc.	(866) 488-8837	Elk Grove Waste Management, LLC	(916) 689-4052
Allied Waste Services	(916) 631-0600	Mini Drops, Inc.	(916) 686-8785
All Waste Systems, Inc.	(916) 456-1555	Norcal Waste Services of Sacramento	(916) 381-5300
Atlas Disposal Industries, LLC	(916) 455-2800	North West Recyclers	(916) 686-8575
California Waste Recovery Systems	(916) 441-1985	Waste Management of Sacramento	(916) 387-1400
Central Valley Waste Services, Inc.	(209) 369-8274	Waste Removal & Recycling	(916) 453-1400
City of Sacramento Solid Waste	(916) 808-4839	Western Strategic Materials, Inc.	(916) 388-1076

Recyclers*

Bell Marine	(916) 442-9089
C & C Paper Recycling	(916) 920-2673
EBI Aggregates	(916) 372-7580
International Paper	(916) 371-4634
Modern Waste Solutions	(916) 447-6800
PRIDE Industries, Inc.	(916) 640-1300
Recycling Industries, Inc.	(916) 452-3961
Sacramento Local Conservation Corps	(916) 386-8394
Smurfit-Stone Container Corporation	(916) 381-3340
Southside Art Center	(916) 387-8080
Spencer Building Maintenance, Inc.	(916) 922-1900

Recovery Stations & Landfills

Elder Creek Recovery & Transfer Station	(916) 387-8425
Kiefer Landfill	(916) 875-5555
L & D Landfill	(916) 383-9420
North Area Recovery Station	(916) 875-5555
Sacramento Recycling & Transfer Station	(916) 379-0500
Waste Management Recycle America	(916) 452-0142

More updated information can be found online at:
http://www.cityofsacramento.org/utilities/

* Please note that any facility may receive source-separated recyclable materials as long as it is authorized to do so by the State of California. This is not meant to be a complete list.

C&D Debris Waste Log

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Project address: _____

This waste log, and copies of supporting weight tickets, must be submitted to Solid Waste within 30 days of submitting the project completion report. The waste log and weight tickets must also be kept on file for one year after project completion.

Date	Hauler	Material	Destination	Amount

Hauler: Indicate the Franchisee, Self-Hauler, City of Sacramento, or other hauler who removed the material offsite.
Material: Indicate appropriate category: Scrap Metal, Inert Materials, Cardboard, Wooden Pallets, or Clean Wood Waste.
Destination: Indicate the facility that received the material for disposal or recycling
Amount: Indicate the weight. If weight is not known, put volume.

SPECIAL PROVISIONS

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(PN: A07001804)

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SPECIAL PROVISIONS
FOR
CITY OF SACRAMENTO LAST MILE PROJECT
(PN:A07001804)

1. GENERAL REQUIREMENTS

Work under these Special Provisions includes general engineering contractor and Telecommunications contractor tasks as defined by the California Business and Professional Code, the California Code of Regulations, and the California Contractors State License Board (CCSLB). The Contractor shall have a current and active Class A – General Engineering Contractor License issued by the CCSLB at the time of the bid submittal and throughout the construction period.

The Contractor, and/or subcontractors performing installation of supporting infrastructure, such as conduit, handholes, etc in support of Telecommunications shall also have a current and active Class C7 – Telecommunications Contractor License or a C10 – Electrical Contractor license issued by the CCSLB at the time of the bid submittal and throughout the construction period.

The Contractor, and/or subcontractors performing Telecommunications contractor tasks, such as installation of fiber optic cabling and termination/splicing of fiber optic cabling shall also have a current and active Class C7 – Telecommunications Contractor License issued by the CCSLB at the time of the bid submittal and throughout the construction period. The Contractor shall include the license numbers, names of licensees, and any cited violations and violation investigations by the CCSLB within three years prior to the date of the bid submittal in the bid proposal. Failure to include this information will cause the bid to be deemed non-responsive.

1.1 SCOPE OF WORK

The basis of design is the traditional fiber optic system for GPON.

Provide all materials and labor for the installation of a customer-owned outside plant Communication system. This section includes City Owned Outside Plant Communications cabling, termination, and administration equipment and installation requirements for the specified Outside Plant Structured Cabling System.

Furnish, install, and place into satisfactory and successful operation all materials, devices, and necessary appurtenances to provide a complete Outside Plant pathway system as hereinafter specified and/or shown on the Contract Documents. The Pathway system shall support an ANSI/TIA and ISO/IEC compliant communications Structured Cabling System (SCS).

The work shall include materials, equipment and apparatus not specifically mentioned herein or noted on the plans, but which are necessary to make a complete working ANSI/TIA and ISO/IEC compliant pathway system.

Work to be performed under these Special Provisions includes furnishing and installing all necessary equipment and material to install Last Mile infrastructure as indicated on the Plan sheets and these Special Provisions at the following location:

- Northpointe Neighborhood
- Del Paso Road
- Bell Avenue
- Marina Vista Neighborhood

Additive alternative

- Midtown- 28th Street between O St and J St

1.2 DEFINITIONS

A. Aggregate: Mineral materials such as sand or stone used in making concrete

B. Backfill: Earth material used specifically for filling and grading excavations back to a finished state. Backfill is placed on top of the bedding surrounding encased duct banks and direct-buried conduits.

C. Base: Earth material used specifically to level and grade an excavation's subgrade for the subsequent placement of encased duct banks, direct-buried conduit, maintenance holes and handholes. Base material is placed on top of the subgrade and beneath the bedding surrounding encased duct banks, conduits, maintenance holes or handholes.

D. Bedding: Earth material used specifically for filling excavations. Bedding is placed around encased duct bank, conduits, maintenance holes or handholes. Bedding is placed on top of the base and beneath the backfill.

E. Fill: The collective term for base, bedding, and backfill.

F. Handhole (HH): A structure similar to a small maintenance hole through which cable can be pulled, but not large enough for a person to fully enter to perform work.

G. Maintenance Hole or Manhole (MH): A vault located in the ground or earth as part of an underground conduit system and used to facilitate placing, connectorization, and maintenance of cables as well as the placing of associated equipment, in which it is expected that a person will enter to perform work.

H. Landscaping: Topsoil: Imported from off construction site.

1.3 SPECIFICATIONS

The work to be performed under this contract shall be in accordance with the Special Provisions contained herein. In these Special Provisions, reference is made to the City Standard Specifications of the City of Sacramento, adopted June 2020, referred to herein as "Standard Specifications". The contract shall be governed by Section 1 through 8 of the City Standard Specifications. The General Requirements of this contract shall be governed by these Special Provisions first, followed by Section 1 through Section 8 of the Standard Specifications. Other standards or specifications specified in these Special Provisions govern only the applicable technical specifications unless otherwise specified in these Special Provisions.

In case of conflict in the technical provisions or requirements, the following order of precedence shall govern:

A. Special Provisions
B. Plans
C. City Standard Specifications
D. State Standard Specifications dated 2025

1.4 COMPLETION TIME

The time limit for the completion of all work is **ONE HUNDRED TWENTY (120)** working days, commencing on the date set forth in the written Notice to Proceed issued by the City to the Contractor. The Contractor shall pay a sum in the amount of FIVE THOUSAND TWO HUNDRED DOLLARS ($5,200) as liquidated damages, and not as a penalty, for each calendar day delay after the expiration of working days.

The Engineer will furnish the Contractor a weekly statement showing the number of working days charged to the contract for the preceding week and the number of working days charged to date. The Contractor will be allowed fifteen (15) calendar days in which to file a written protest setting forth in what respect the Contractor disagrees with the working day statement, otherwise the working day statement of the Engineer shall be deemed to have been accepted by the Contractor as correct.

1.5 PRE-BID INTERPRETATION OF CONTRACT DOCUMENTS

No oral representations or interpretation will be made to any bidder as to the meaning of the contract documents. Requests for interpretation shall be made in writing and delivered to the City at least seven (7) days before the time announced for opening the proposals. Interpretation, where necessary, will be made by the City in the form of an addendum to the contract documents and, when issued, will be sent as promptly as is practicable to all parties to whom the bid documents have been issued. All such addenda shall become part of the contract. Requests for information regarding this procedure or other similar information, shall be made through PlanetBids.

It shall also be the bidder's responsibility to call to the attention of the Engineer any missing pages or drawings in the contract documents including the addenda. These items shall be brought to the attention of the Engineer at least one (1) week prior to the bid opening date.

1.6 ADDITIVE BID SCHEDULES

The bid contains an Additive Bid Schedule. All bid schedules must be bid. The City may award only the items of work listed on the Base Bid Schedule or may choose to award some or all of the Additive Bid Schedule in addition to the Base Bid Schedule. The basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the **Base Bid Schedule WITHOUT Additive Bid Schedules**.

1.7 PROVIDING BONDS AND SURETY

The Contractor shall provide signed agreement and surety bonds within ten (10) calendar days after receipt of notice to award by the City and prior to award by the City Council. The Contractor shall be reimbursed for all surety bond costs should the City Council not award a contract.

1.8 NO TRUCK HAUL ROUTE ON 28TH STREET SOUTH OF E STREET

The Contractor and its subcontractors must not use 28th Street south of E Street as part of any haul route to and from the Bell Marine Co., Inc./ Harbor Sand and Gravel located at 200 28th Street. Acceptable routes to and from the facility are as follows:

To enter facility:

North on 30th Street
West on E Street
North on 28th Street

To exit facility:

South on 28th Street
East on C Street
South on 29th Street

The Contractor shall be assessed an administrative penalty of $500 for each Contractor or subcontractor dump truck that uses 28th Street South of E Street to enter or exit the Bell Marine Co., Inc/Harbor Sand and Gravel.

1.9 CERTIFICATE OF COMPLIANCE

The Contractor shall provide the Engineer with a manufacturer's "Certificate of Compliance" at the Engineer's request within two weeks. The Certificate of Compliance

shall clearly show that the material, equipment and/or work is in compliance with the tests and specifications set forth in these contract documents.

1.10 GOLD SHOVEL STANDARD PROGRAM

On July 20, 2018, the City of Sacramento became the first municipality in California to become a Gold Shovel Certified Community. As such, the City of Sacramento is highly encouraging its contractors bidding on City projects to become Gold Shovel Certified. The Gold Shovel Standard Certification was developed to ensure that hired contractors adhere to the safest excavation standards. To learn more about the Gold Shovel Standard certification process, please visit the following website: www.goldshovelstandard.org.

1.11 FINAL PAY QUANTITY

Final pay quantity is designated on the sealed bid proposal sheet with a "(F)". Final pay quantity shall conform to Section 9-1.015 "Final Pay Items" of the State Standard Specifications, except that the final pay quantity designation shall be made on the bid proposal rather than the Plans.

1.12 COMMUNITY WORKFORCE TRAINING REQUIREMENTS

This project is subject to the requirements of the City's Local Hire and Community Workforce Training Program and the City's Community Workforce Training Agreement (CWTA), attached to this solicitation as Exhibit D. A summary of the CWTA requirements is also provided in Exhibit D. By submitting a bid, the Contractor acknowledges that it has read and understands all the requirements, terms, and conditions of the complete CWTA attached, and has included all costs associated with compliance with the CWTA in its bid. The CWTA is applicable if the total bid amount submitted by the Contractor or contractors awarded construction contracts exceeds one million dollars ($1,000,000).

If the CWTA applies, the Contractor must execute Addendum A to the CWTA ("Agreement to be Bound") and provide an executed original to the City before a Notice to Proceed will be issued. Contractor must also include the provisions of this section in every subcontract for Work covered by the CWTA. No subcontractor for Work covered by the CWTA may perform Work prior to executing Addendum A and providing the executed original to the City. By submitting a bid, Contractor represents that if the bid amount exceeds $1,000,000, Contractor represents that it will execute the Agreement to be Bound if selected.

1.13 EQUIPMENT TO BE SUPPLIED

All equipment, material and supplies called for in the Special Provisions shall be new and currently manufactured items, unless otherwise specified. All equipment shall be complete and in operation to the satisfaction of the Engineer at the time of acceptance of the work.

All incidental parts which are not shown on the Plans or specified herein and which are necessary to complete the project shall be furnished and installed as though such parts were shown on the Plans or specified herein.

All equipment, materials, or supplies to be considered as approved equal must be submitted to the City contact listed in Section 1.5, PREBID INTERPRETATION OF CONTRACT DOCUMENTS, for approval no less than ten (10) calendar days prior to the bid opening date. If the City finds said equipment, materials, or supplies to be acceptable, an addendum will be issued notifying all bidders by the close of business on Friday before the bid opening date. If there is no addendum accepting an approved equal, bidders shall submit bids based on the original specified equipment, materials, or supplies.

1.14 HANDLING AND REMOVAL OF HAZARDOUS OR CONTAMINATED MATERIALS

In the event hazardous or contaminated materials are encountered at the site for which separate handling or removal provisions have not been made in these Special Provisions, the Contractor shall stop work on that item, contact the Engineer and schedule his operations to work elsewhere on the site if possible. The City will be responsible for handling and removal of hazardous material or may request that the Contractor shall be available, through contract change order, to provide additional services as needed for the completion of the work. Additional services may consist of retaining a subcontractor who possesses a California license for hazardous substance removal and remedial actions.

Hazardous or contaminated materials may only be removed and disposed of from the project site in accordance with the following provisions:

1. All work is to be completed in accordance with the following regulations and requirements:

    a. Chapter 6.5, Division 20, California Health and Safety Code.

    b. California Administration Code, Title 22, relating to Handling, Storage, and Treatment of Hazardous Materials. 29 Code of Federal Regulation 1910.120 relating to Hazardous Waste Operation Safety Training.

    c. City of Sacramento Building Code and the current edition of the Uniform Building Code.

2. Coordination shall be made with the County of Sacramento Environmental Management Department, Hazardous Materials Division, and the necessary applications shall be filed.

3. All hazardous materials shall be disposed of at an approved disposal site and shall only be hauled by a current California registered hazardous waste hauler using correct manifesting procedures and vehicles displaying a current Certificate of Compliance. The Contractor shall identify by name and address the site where toxic substances shall be disposed of. NO payment for removal and disposal services shall be made without a valid certificate from the approved disposal site that the material was delivered.

None of the aforementioned provisions shall be construed to relieve the Contractor from the Contractor's responsibility for the health and safety of all persons (including employees) and from the protection of property during the performance of the work. This requirement shall be applied continuously and not be limited to normal working hours.

1.15 COORDINATION

The Contractor shall coordinate his activities in a manner that will provide the least interference with the City's operations, other contractors and utility companies working in the area, and agencies exercising jurisdiction over the project area or portions thereof.

1. At a minimum the Contractor shall coordinate his operations with the following:

- Underground Service Alert
  Contractor shall contact Underground Service Alert (USA) at 1-800-227-2600, a minimum of three (3) working days prior to any excavation.

- City Solid Waste
  Contractor shall ensure that planned work does not impair trash pickup. Contractor shall notify the Superintendent of Collection or Refuse Collection General Supervisor, at (916) 808-4952, a minimum of at least 7 calendar days prior to beginning work.

The Contractor shall be responsible for removing any garden refuse piles conflicting with work, which are inadvertently placed in the street between the time of City pickup and the Contractor's work. The cost for removing garden refuse piles shall be included in the unit prices bid for the various items of the proposal.

The cost of coordination shall be included in the unit prices bid for the various items of the proposal and no additional compensation will be allowed therefor.

1.16 PROJECT SCHEDULING

The Contractor shall submit to the Engineer a practicable progress schedule and a schedule of values at the pre-construction meeting and within 5 days of the Engineer's written request at any other time. The Contractor shall furnish the schedules on the form of his choice. The progress schedule shall show the order in which the Contractor proposes to carry out the work, the dates on which he will start the features of the work and the

contemplated dates for completion of the work. The schedule of values is submitted for use in determining progress payments. The progress schedules submitted shall be consistent in all respects with the time and order of work requirements of the contract.

The Contractor shall submit, review and update a project schedule in accordance with Section 7-2 of the Standard Specifications. Subsequent to the time that submittal of a progress schedule and a schedule of values is required in accordance with these specifications, no progress payments will be made prior to the submittal of an acceptable project schedule.

1.17 PROTECTION OF EXISTING IMPROVEMENTS

The location, alignment, and depth of existing underground utilities as shown on the Plans are taken from public records and no responsibility is assumed for their accuracy.

The Contractor's attention is directed to the provisions of Chapter 3.1 "PROTECTION OF PUBLIC UTILITIES IN PUBLIC CONTRACTS" of the California Government Code concerning protecting existing overhead and underground utilities. In particular, Section 4216 and Section 4217.

Existing improvements, utilities and adjacent property shall be protected from damage resulting from the Contractor's operations. All trees, shrubbery, grass, fences, mailboxes, walls and other improvements including existing pavements, sidewalks, street improvements, sprinkler systems and underground utilities and other improvements not to be removed under this contract shall be protected from damage by the Contractor throughout the construction period.

All painted or other disfiguring markings on the pavement, sidewalk or gutters shall be removed by the Contractor before acceptance of the work.

The Contractor will insure that utility services to customers in the project are maintained.

The Contractor is responsible for the protection of and for damage to existing overhead and underground utility lines and services encountered during the course of construction. The Contractor shall notify the respective utility owner prior to any interruption of service.

The Contractor is expected to "pothole" existing underground utilities a minimum of ten (10) working days in advance at any location where an existing utility may be in conflict with the proposed work.

The cost of relocating existing overhead or underground utilities not specified on Plans to be relocated, but which the Contractor elects to relocate or cut and reconnect for his/her own convenience, shall be borne by the Contractor.

No compensation will be paid to the Contractor for the maintenance and protection of existing utilities and facilities. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

1.18 TRAFFIC HANDLING, PUBLIC SAFETY AND CONVENIENCE

The contractor's attention is directed to Sections 6 and 7 of the Standard Specifications.

All traffic control plans shall comply with City of Sacramento "Criteria and Guidance to Accommodate Active Transportation in Work Zones Standard."

The contractor shall submit to the Engineer for review and approval a plan showing traffic control measures for vehicles, pedestrians and bicycles affected by the construction work. For emergency purposes, the person responsible in charge of the work must be reachable by phone 24 hours a day during the progress of the work. A 24-hour phone number shall be indicated on the permit application.

The contractor shall adhere to guidelines as stated in Section 12.20.030 of Title 12 of the Sacramento City Code pertaining to Traffic Control Plan – Requirements, and shall conform to the current edition of the California MUTCD. Particular attention is directed to Chapter 6D – Pedestrian and Worker Safety and Chapter 6F – Temporary Traffic Control Zone Devices, Section 6F.68 – Detectable Edging for Pedestrians.

Spillage resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor at his expense.

Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners.

Roadway excavation and the construction of embankments shall be conducted in such a manner as to provide a relatively smooth and even surface satisfactory for use by public traffic at all times. Skid resistance steel plates or other approved methods shall be used to cover all open excavations in the roadways and sidewalks at all times during construction.

The plans shall be developed with the following requirements:

1. Working hours on arterial and major collector roads shall be between 8:30 AM and 4:00 PM Monday through Friday, unless otherwise approved by the Engineer.

2. All lanes of traffic on arterial and major collector roads, in each direction, must be open to traffic from 7:00 A.M. to 8:30 A.M. and from 4:00 P.M. to 6:00 P.M. and during periods when work is not in progress, unless otherwise specified by the Engineer.

3. Working hours on local residential roads shall be between 7:30 AM and 5:00 PM Monday through Friday, unless otherwise approved by the Engineer.

4. A maximum of one (1) lane shall be closed to traffic in any direction when work is in progress. Flaggers shall be provided.

5. The Contractor shall submit a Traffic Control Plan to the Engineer in accordance with Section 6 of the Standard Specifications and City of Sacramento "Criteria and Guidance to Accommodate Active Transportation in Work Zones Standard.".

6. All lanes shall be open during weekends, holidays, and when work is not in progress.

7. The Contractor shall furnish, install temporary stripes and maintain temporary construction warning signs, lighting, flaggers, barricades, striping and other devices necessary to safeguard the general public and the work, and to provide for the safe and proper routing of all vehicular and of pedestrian traffic within and through the limits of the projects during the construction. The requirement shall apply continuously and shall not be limited to normal working hours.

8. The Contractor shall maintain existing electrical, traffic and public safety in accordance with Section 34 of the Standard Specifications and these Special Provisions.

9. Residential and Commercial driveways may only be closed after giving property owners 72 hours of notice in advance of the closure. Driveways may only be closed during normal work periods and while the contractor is actively pursuing work which requires the driveway to be closed, except when forms are in place, or while concrete is being cured.

10. Commercial driveways shall remain open at all times, unless otherwise specified by the City Inspector. The Contractor shall schedule the commercial driveways to be poured in two phases unless more than one driveway is available to the property. The Contractor shall coordinate the driveway closure with property owners' 5 calendar days in advance.

11. All work within public streets and/or roadway right-of-way shall be done in an expeditious manner so as to cause as little inconvenience to the traveling public as possible. Skid-resistant steel plates or other approved methods shall be used to cover all open excavations in the roadway during non-working hours.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in public safety and convenience shall be considered as included in the prices paid for various contract items of work and no additional compensation will be allowed.

1.19 PUBLIC NOTIFICATION

The Contractor shall notify residents and businesses within the project limits in writing five (5) working days in advance of beginning work. The notice shall be approved by the Engineer and shall describe the work to be performed, the anticipated duration of construction and the name and telephone number of the Contractor's representative that can be reached 24 hours a day, 7 days a week.

The Contractor shall be responsible for issuing a second notice to property owners five (5) working days in advance of commencing any work on private property. The Contractor shall include in the public notification flyers/postcards detailed procedures explaining precautions the homeowner can take to help prevent plugged utility service fixture problems. The Contractor shall submit to the Engineer for review and approval public notification flyers/postcards before they are issued to the public.

Full compensation for this item shall be included in the prices paid for various contract items of work and no additional compensation will be allowed.

1.20 REMOVAL OF ON-STREET PARKING

In Metered Parking Areas:

Seventy-two (72) hours prior to construction, the Contractor shall place signs adjacent to every third parking stall stating, "NO PARKING - (specific times and dates) - Tow Away" or "NO PARKING - (specific times and dates) - This Block". Contractor shall also contact the City Parking Division prior to placing barricades.

Signs shall be placed before 1:00 PM on the day selected to allow sufficient time for City inspection.

The Contractor shall request the City Parking Division to cover each parking meter, prior to construction, with a "NO PARKING" sign and the signs previously placed adjacent to every third stall shall be mounted on a barricade and moved into the parking stall at the Contractors expense.

If the Contractor needs less than the entire block, every stall removed shall be barricaded in conjunction with the covering of parking meters.

Where parking removal is necessary, at metered parking stalls, the Contractor shall coordinate with the City Parking Division three (3) days in advance and shall be responsible for the payment of parking removal fees (City Code Section 10.40). It is recommended that the Contractor consult with the City Parking Division (email: metercsr@cityofsacramento.org phone: 916-808-5015) prior to submission of his bid to obtain an estimate of the fees for this project. Note: Typical fees are available on the city website at the following link: Meter & Space Reservation Fees

In Non-Metered Parking Areas:

Seventy-two (72) hours prior to construction (except Monday work, barricades shall be placed on the prior Thursday), the Contractor shall place signed Type II barricades stating "NO PARKING - (specific times and dates) - Tow Away" or "NO PARKING - (specific times and dates) - This Block", at 50 to 60 foot intervals in the work area. The Contractor shall notify the City Parking Division (916-808-5015) prior to placing barricades. No fee is required in Non-metered zones.

"NO PARKING" signs shall be approved by the Engineer prior to their use. "NO PARKING" signs and barricades shall be supplied by the Contractor. The Contractor shall notify the Engineer immediately after the "NO PARKING" signs are in place.

Barricades shall be placed before 1:00 PM on the day selected to allow sufficient time for City inspection.

Failure to comply with this section will prevent the City from towing vehicles parked within the proposed work area until the provisions of this section have been met and will require rescheduling of planned work. Additionally, “NO PARKING” signs and barricades shall not be removed prior to removal/towing of vehicles in violation of posted “NO PARKING” signs.

Payment shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and payment of all fees required to perform all work, as specified in these Special Provisions and as directed by the Engineer and shall be considered as included in the prices paid for the various contract items of work. No additional compensation will be allowed therefore.

1.21 EQUIPMENT LIST AND SUBMITTALS

Equipment list and drawings shall be in accordance with Section 34-3 of the Standard Specifications and these Special Provisions.

Unless otherwise permitted in writing by the Engineer, the Contractor shall, within twenty (20) days following notification of award of the contract submit to the Engineer for approval a listing of equipment and material which he/she proposes to furnish and install. The list shall be complete as to name of manufacturer, size and catalog number of unit, and shall be supplemented by other data, including detailed scale drawings and wiring drawings. A minimum of five (5) copies of the above data shall be submitted to the Engineer for review and approval.

The Contractor shall submit to the Engineer a statement from each vendor supplying equipment, including but not limited to, handholes/vaults, conduit (schedule 40 PVC or HDPE), splice enclosures and fiber optic cabling and all other Telecommunications

equipment indicating that the orders for the materials required for this contract have been received and accepted by said vendor. The confirmed date of delivery to the contractor shall be indicated on the statement.

All substitutions are subject to the approval of the Engineer.

Product Data Submittals: Provide submittal information for review before materials are delivered to the job site. Provide product data submittals for all products at the same time.

- Submit a letter stating that the materials will be provided as specified, and specifically listing any items that will not be provided as specified. The letter shall also state that the Contractor has reviewed the specified items and agrees that they are applicable to this project in all respects.

- For those items noted as allowing "or equal," and which are not being provided as specifically named, submit standard manufacturer's cut sheets or other descriptive information, along with a written description detailing the reason for the substitution.

- Provide standard manufacturer's cut sheets and the operating and maintenance (O&M) instructions at the time of submittal review for each device in the system, regardless of whether it is submitted as specified or as an approved equal. These instructions shall detail how to install and service the equipment and shall include information necessary for rough-in and preparation of the building facilities to receive the materials.

- Communications Outside Plant Shop Drawings.
    - Provide Outside Plant Design in accordance with
        - ANSI/TIA-758, Customer-Owned Outside Plant Communications Infrastructure Standard
        - RUS Bull 1751F-6, Trench design
    - For underground system design. Provide shop drawings that show the physical and logical connections from the perspective of an entire site, such as actual building locations, exterior pathways and campus backbone cabling on plan view drawings, major system nodes, and related connections on the logical system drawings in accordance with TIA-606. Drawings shall include wiring and schematic diagrams for fiber optic and copper cabling and splices, copper conductor gauge and pair count, fiber pair count and type, pathway duct and innerduct arrangement, associated construction materials, and any details required to demonstrate that cable system has been coordinated and will properly support the switching and transmission system identified in specification and drawings. Provide Registered Communications Distribution Designer (RCDD) approved drawings of the Communications outside plant. Update existing Communication Outside Plant drawings to include information modified,

deleted or added as a result of this installation in accordance with TIA-606. The Communications outside plant (OSP) shop drawings shall be included in the operation and maintenance manuals.

Quality Assurance/Control Submittals: Provide submittal information for review as follows:

- Submit a copy of the delivery receipt for each concrete delivery. Include date, strength ordered, and location used.

Closeout Submittals: Provide submittal information for review as follows:

- O&M Manual for Communications - At the completion of the project, submit O&M information from product data submittals (above), updated to reflect any changes during the course of construction, to the Designer in the Communications-specific O&M Manual for Communications binder labeled with the project name and description.
- Records - Maintain at the job site a minimum of one set of Record Drawings, Specification, and Addenda. Record Drawings shall consist of redline markups of drawings, specifications and spreadsheets, including maintenance hole/handhole butterfly drawings.
    - Document changes to the system from that originally shown on the Contract Documents and clearly identify system component labels and identifiers on Record Drawings.
    - Keep Record Drawings at the job site and make available to the Owner and Designer at any time.
    - Keep Record Drawings current throughout the course of construction. (“Current” is defined as not more than one week behind actual construction).
    - Show identifiers for major infrastructure components on Record Drawings.

Standard Products: Provide materials and equipment that are standard products of manufacturers regularly engaged in the production of such products which are of equal material, design and workmanship and shall be the manufacturer's latest standard design that has been in satisfactory commercial or industrial use for at least 2 years prior to bid opening. The 2-year period shall include applications of equipment and materials under similar circumstances and of similar size. The product shall have been on sale on the commercial market through advertisements, manufacturers' catalogs, or brochures during the 2-year period. Products supplied shall be specifically designed and manufactured for use with outside plant Communications systems. Where two or more items of the same class of equipment are required, these items shall be products of a single manufacturer; however, the component parts of the item need not be the products of the same manufacturer unless stated in this section.

Alternative Qualifications: Products having less than a 2-year field service record will be acceptable if a certified record of satisfactory field operation for not less than 6000 hours, exclusive of the manufacturers' factory or laboratory tests, is provided.

Material and Equipment Manufacturing Date: Products manufactured more than 3 years prior to date of delivery to site shall not be used, unless specified otherwise.

Regulatory Requirements: In each of the publications referred to herein, consider the advisory provisions to be mandatory, as though the word, "shall" had been substituted for "should" wherever it appears. Interpret references in these publications to the "authority having jurisdiction," or words of similar meaning, to mean the Contracting Officer. Equipment, materials, installation, and workmanship shall be in accordance with the mandatory and advisory provisions of NFPA 70 unless more stringent requirements are specified or indicated.

Independent Testing Organization Certificate: In lieu of the label or listing, submit a certificate from an independent testing organization, competent to perform testing, and approved by the Contracting Officer. The certificate shall state that the item has been tested in accordance with the specified organization's test methods and that the item complies with the specified organization's reference standard.

Record Documentation: Provide the activity responsible for Communications system maintenance and administration with a single complete and accurate set of record documentation for the entire Communications system with respect to this project. Provide drawings to include documentation on cables and termination hardware in accordance with TIA-606. Drawings shall include schedules to show information for cutovers and cable plant management, patch panel layouts, cross-connect information and connecting terminal layout as a minimum. The drawings shall be provided in hard copy format and in electronic media using AutoCAD or Windows based computer cable management software. A licensed copy of the cable management software including documentation shall be provided. Cables.

- A record of installed cable shall be provided in accordance with TIA-606. The cable records shall include only the required data fields, include the required data fields for each cable and complete end-to-end circuit report for each complete circuit from the assigned outlet to the entry facility in accordance with TIA-606. Include manufacture date of cable with submittal.

- Termination Hardware: Provide a record of installed patch panels, cross connect points, splices in accordance with TIA-606. Documentation at a minimum shall include documentation on cables and termination hardware in accordance with ANSI/TIA-606. Drawings must include schedules to show information for cutovers and cable plant management, cross-connect, splices. Drawings must be provided on electronic media using AutoCAD and/or Microsoft Excel. Provide the following drawing documentation as a minimum: a. Cables - A record of installed cable must be provided in accordance with ANSI/TIA-606. The fiber optic cable records shall include cable ID, type of cable, strand count, and Include manufacture date of cable in accordance with ANSI/TIA-606.

- Spare Parts: Provide a complete list of parts and supplies, with current unit prices and source of supply, and a list of spare parts recommended for stocking. Spare parts shall be provided no later than the start of field testing.

Warranty: The equipment items shall be supported by service organizations which are reasonably convenient to the installation of the equipment in order to provide satisfactory service to the equipment on a regular and emergency basis during the warranty period of the contract.

Contractor Warranty: Provide a Contractor-endorsed two-year service warranty against defects in materials and workmanship. Provide labor attributable to the fulfillment of this warranty at no cost to the Owner. The Contractor Warranty period shall commence upon client's acceptance of the work.

1.22 PROOF OF COMPLIANCE WITH CONTRACT

In order that the Engineer may determine whether the Contractor has complied with the requirements of the contract documents not readily determinable through inspection and tests of plant, equipment, work, or materials, the Contractor shall at any time when requested, at the Contractor's expense, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his compliance with such requirements.

1.23 BACKFILLING OF VOIDS

All voids resulting from the removal of trees, pipes, maintenance holes, ditch boxes, or other buried structures or objects shown on the Plans or called in these Special Provisions to be removed, shall be backfilled per the provisions of Section 26 (Trench Backfill) of the Standard Specifications. In the event job excavated native material is unsuitable for backfill as determined by the Engineer, the Contractor shall furnish the required suitable backfill material.

The cost to backfill voids as specified in the Special Provisions shall be included in the price bid for the respective items to remove trees, pipe, maintenance holes, ditch boxes, or other buried structures or objects, and no additional compensation shall be allowed.

1.24 PAVEMENT CUTTING AND RESTORATION

Pavement cutting and restoration shall conform to the provisions of Section 13-4 of the Standard Specifications and these Special Provisions.

No pavement cutting shall precede pavement excavation by more than seven (7) calendar days unless approved by the Engineer. Prior to excavation in paved areas, pavement will be broken within the limits of expected excavation so as to prevent lifting of the pavement during excavation. Prior to restoration, the pavement shall be sawed or scored with an

abrasive type pavement cutter (maximum blade width 1/4"). The proper tools and equipment shall be used so that the pavement will be cut to a neat and straight line six inches (6") beyond the limits of actual excavation.

Where pavement cutting takes place more than five (5) calendar days before trench excavation, the Contractor shall fill the pavement cuts with asphaltic patching mix and maintain a smooth riding surface until trenching begins.

Where the limits of excavation are located within twelve (12") of the edge of existing pavement or lip of the curb and/or gutter, the existing pavement within this twelve inches (12") shall also be removed.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals and for all work involved in this item shall be considered as included in the unit price bid for roadway excavation and removing and replacing asphaltic concrete pavement.

1.25 PROTECTION OF TREES

During construction the Contractor shall protect existing trees. All work near the trees shall be coordinated by the Contractor with the City Arborist, Duane Goosen, phone number 808-4996. The Contractor shall comply with direction as given by the City Arborist and the following City requirements regarding tree protection:

No storage of materials or parking of vehicles may occur within the drip lines of the trees, except on paved streets.

If, during construction, tree roots two inches (2") in diameter or greater are encountered, work shall stop immediately and the City Arborist shall be contacted for a root inspection, and root*s* shall not be cut without arborist approval. Roots approved by the arborist to be pruned during the course of project construction shall be cleanly cut. If extensive root pruning is proposed an arborist inspection will determine if tree removal is necessary.

If construction activities will affect any of the limbs of the trees, a certified arborist (certified by International Society of Arboriculture, Western Chapter) shall be consulted prior to the cutting or removal of any limb. Limbs approved by the arborist to be pruned during the course of project construction shall be cleanly cut.

The Contractor shall be responsible for damages to trees. Trees damaged by the Contractor during construction activities shall be assessed by the City Arborist using the International Society of Arborists (ISA) appraisal guide or UFS standard diameter and area indexing. The Contractor's responsibility for damaged trees will be determined by the Arborist.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in this section shall be considered as included in the prices paid for various contract items of work and no additional compensation will be allowed.

1.26 TREE TRIMMING

Trees identified by the Engineer to be trimmed shall be trimmed in accordance with the following specifications and as directed by the Engineer or project Arborist in conjunction with the City Arborist:

General Conditions - This work is to be performed by a Tree Service Contractor, licensed and bonded to do business in the City of Sacramento. The work to be done will consist not only of this trimming and removal of branches and limbs but also disposal of material trimmed from these trees. Disposal of material will not be allowed at the City Dump.

Contractor shall be aware of and shall comply with all ordinances governing and related to tree trimming work. Contractor shall furnish all labor, materials and equipment as required in performing the work described herein in strict accordance with these specifications and subject to the terms and conditions of this contract.

Description of Work - The work shall be done primarily from truck mounted aerial platforms except where trees are inaccessible to trucks. All hand and power tools in the performance of this work shall be subject to inspection and approval of the Manager of the Urban Forest Services division or his designated representative who shall serve as the inspector for the City.

In general, the standard tree trimming equipment shall be used and shall be maintained in a satisfactory condition at all times. All tools shall be clean, sharp, in proper working order and shall be checked for safety before each job.

Inspection/Permit - The Contractor shall notify the Engineer prior to 8:00 a.m. on each day Contractor will be trimming trees.

The Contractor shall notify, 3 working days prior to tree trimming, the City Arborist, Duane Goosen, (916) 808-4996 and obtain, for this project, a permit for tree trimming within the City.

Special Conditions - All licenses, insurance, etc., necessary to assume the legal responsibility for said work shall be acquired by the Contractor to cover the liabilities which might be caused by said work.

All workmen shall comply with State Compensation Safety Rules and must wear safety equipment at all times while on the job. Adequate warning devices, barricades, guards, cones, etc., shall be placed and necessary precautions shall be taken by the Contractor to provide protection for the workers, pedestrians and vehicular traffic in the area. Work shall be scheduled and conducted in a cooperative manner in order to give the least possible interference with or annoyance to others. It shall be the responsibility of the Contractor to work out any cooperative work schedules as necessary.

All tree work requiring climbing of trees shall be suspended during inclement weather. No trimmings or debris shall be left overnight on any of the work sites. Upon completion of a specific area, the site shall be left in a clean and orderly condition. It shall be the responsibility of the Contractor to repair any damages to adjacent property including shrubs, trees or other growth as well as structures along the route.

To prevent the spread of Dutch elm disease, tree trimming tools shall be sprayed with Lysol before any tree trimming and after each tree has been trimmed.

Personnel - All work shall be done by qualified and trained persons. They shall be familiar with tree climbing and trimming work in general and trained to work in trees of any size. A qualified foreman shall be provided to oversee and direct the work of each crew.

Correct Cuts - All work shall be done in a professional and workmanlike manner. All cuts shall be made in accordance with the following sections in these Special Provisions, and as directed by the Engineer. Trees shall be trimmed at locations where there are tree conflicts and as directed by the Engineer or project Arborist in conjunction with the City Arborist.

Tree trimming shall include the removal of any limbs or brush from limbs in order to achieve a clear space of at least six foot (6') radial distance from each luminaire. The results of the tree trimming shall produce an unobstructed cone of light that will illuminate a semicircle on the street at street level. The semicircle shall have a radius of forty feet (40') minimum on the street from the electrolier base. The unobstructed cone of light shall also illuminate an area at sidewalk level on the house side of the electrolier. This illuminated area shall extend fifteen feet (15') minimum from the base of the electrolier.

Twigs, small limbs and sucker growth shall be removed with hand pruners, pole pruners or a fine toothed saw. All portions of a tree removed in the pruning operations, whether small or large in diameter, shall be made just outside the branch bark ridge, parallel to and immediately adjacent to the tree limb from which the part is removed.

Any dead wood and broken limbs encountered in the pruning operations shall be removed. Dead wood shall be defined as any portion of the tree having no living foliage, no live buds or no apparent life in the cambium layer. Final cuts on dead limbs shall not cut into the branch bark ridge or branch collar of the parent limb. Dead limbs larger than three-fourths of one inch (3/4") in diameter shall be removed by sawing. Broken limbs shall be removed except where branches have split and one portion of the branch can be saved by pruning to reduce lateral end weight.

Shrubs shall be pruned as directed by the Engineer and shall conform to current ISA specifications.

The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

1.27 STOP WORK IF CULTURAL RESOURCES ARE DISCOVERED

If artifacts or stone, bone, or shell are uncovered during construction activities, the Contractor shall stop work within 100 feet of the find and notify the City, who will consult with a qualified archaeologist for an on-the-spot evaluation. Additional mitigation of the archaeological site will be the responsibility of the City. If bone is found and it appears to be human, the City will notify the Sacramento County coroner and the Native American Heritage Commission (916/322-7791).

1.28 HEALTH AND SAFETY

The Contractor is warned that existing sewers and appurtenances have been exposed to sewage and industrial wastes. These facilities shall therefore be considered contaminated with disease-causing organisms. Personnel in contact with contaminated facilities, debris, wastewater, or similar items shall be advised by the Contractor of the necessary precautions that must be taken to avoid becoming diseased. It is the Contractor's responsibility to urge his personnel to observe a strict regime of proper hygienic precautions, including any inoculations recommended by the local public health officer.

Because of the danger of solvents, gasoline, and other hazardous material in the existing sewers, these areas shall be considered hazardous to open flame, sparks, or unventilated occupancy. The Contractor shall be aware of these dangers and shall take the necessary measures to assure his personnel observe proper safety precautions when working in these areas.

The Contractor shall not allow any wastewater to discharge from sewage collection systems onto adjacent lands of waters. In case of accidental discharge, the Contractor shall be responsible for containment, immediate cleanup and disposal at his own expense to the full satisfaction of the Engineer. Where containment is not possible, adequate disinfection shall be provided by the Contractor at his expense as directed by the Engineer or agency with jurisdiction. If, in the opinion of the Engineer, the Contractor fails to adequately follow the above guidelines, he will make arrangements to have the work done by others, and have the cost charged to the Contractor.

1.29 PERMITS AND STAGING AREA

If the Contractor decides he/she needs additional working easement areas, work sites or material sites to facilitate his operation, it shall be his sole responsibility to locate, negotiate, obtain and pay for such additional working easements, work sites and material sites.

The Contractor shall submit to the Engineer written authorization from the property owner of private property being used for the storage of equipment or materials. A copy of any written agreements entered into between the Contractor and the property owner concerning encroachment onto private property shall be provided to the Engineer prior to beginning any work on the property.

All areas lying outside of the street right-of-way which are affected by the work shall be restored to the same, or better condition existing prior to the commencement of the work, to the satisfaction of the Engineer.

The cost of necessary permits, all restoration, including but not limited to landscaping improvements, shall be included in the various items of work the Contractor deems appropriate, and no separate or additional compensation shall be made.

1.30 TEMPORARY PAVEMENT MARKERS

Temporary pavement markers shall be furnished and placed, maintained, and later removed as specified in these Special Provisions, and as directed by the Engineer.

The following markers are approved for use on City of Sacramento street resurfacing projects:

Temporary Overlay marker (Types Y and W) manufactured by Davidson Plastics Company, 18726 East Valley Highway, Kent, Washington 98032, telephone (206) 251 8140.

Safe-Hit Temporary Pavement Marker, manufactured by Safe-Hit Corporation, 1930 West Winton Avenue, Building #11, Hayward, CA 95545, telephone (415) 783 6550.

Swareflex Pavement Marker (Models 3553, 3554, Cat Eyes Nos. 3002 and 3004), manufactured by Swareco and distributed by Servtech Plastics Inc., 1711 South California Street, Monrovia, CA 91016, telephone (818) 359 9248.

Stimsonite Construction Zone Marker (Model 66), manufactured by Amerace Corporation, Signal Products Division, 7542 North Natchez Avenue, Niles, IL 60648, telephone (312) 647 7717.

Flex-O-Lite Raised Construction Marker (RCM), manufactured by Flex-O-Lite, Lukens Company, P.O. Box 4366, St. Louis, MO 63123 0166, telephone (800) 325 9525.

3M Scotch-Lane A200 Pavement Marking System (reflective raised pavement marker on reflective traffic line tape), manufactured by 3M Company, Highway Safety Products, 1010 Hurley Way, Suite 300, Sacramento, CA 95825, telephone (916) 924 9605.

MV Plastics Chip Seal Marker (1280/1281 Series with Reflexite Polycarbonate, PC 1000, reflector unit), manufactured by MV Plastics, Inc., 533 W. Collines Avenue, Orange, CA 92667, telephone (714) 532-1522.

Temporary reflective raised pavement markers shall be placed in accordance with the manufacturer's instructions. Temporary reflective raised pavement markers shall be cemented to the surfacing with the adhesive recommended by the manufacturer, except epoxy adhesive shall not be used.

At the direction of the Engineer, Temporary pavement striping may be required.

After paving and or planning or grinding, temporary pavement markers shall be placed on all existing striped streets that are opened to public traffic prior to final striping in accordance with the striping diagrams. Temporary pavement markers that are damaged from any cause during the progress of the work shall be repaired or replaced by the Contractor at his expense.

When no longer required for the work as determined by the Engineer, temporary pavement markers shall be removed in accordance with the provisions in Section 15-2, "Miscellaneous Highway Facilities," of the State Standard Specifications, except as otherwise provided herein. If the temporary pavement markers to be removed are on surfacing that is to be removed, the temporary pavement markers may be removed and disposed of in conjunction with the removal of the surfacing, providing such pavement markers do not interfere with the required traffic lane delineation, as determined by the Engineer.

The 14-day waiting period for placing pavement markers on new asphalt concrete surfacing shall not apply to temporary pavement markers.

Full compensation for furnishing, placing, maintaining, removing, and disposing of temporary pavement markers shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed therefore.

1.31 EROSION AND SEDIMENT CONTROL

Erosion and Sediment Control shall be in accordance with Section 16 of the City Standard Specifications.

2. ITEMS OF THE PROPOSAL

TELECOMMUNICATIONS AND ELECTRICAL COST BREAK-DOWN

The Contractor shall provide a Schedule of Values (cost break-down) for each lump sum item(s). The Schedule of Values (cost break-down) shall be provided by 4:00 p.m. on the fourth working day after the bid opening. If the lump sum item cost break-down is not submitted within the specified time, the bid will be deemed as non-responsive. The cost break-down shall be submitted to Jose Ledesma, Contracts Manager, at 915 I Street, Suite 2000, Sacramento, CA 95814, or by email at JLedesma@cityofsacramento.org .

The sum of the amounts for the units of work listed in the cost break-down shall be equal to the contact lump sum price bid for the work. The unit price is the material and installed cost with overhead, profit, and labor.

The Contractor shall determine the quantities to complete the work shown on the plans. The Contractor shall be responsible for the accuracy of the quantities and values. No adjustment in compensation will be made in the contract lump sum prices paid for the various work items due to any differences between the quantities shown in the cost break-down furnished by the Contractor and the quantities required to complete the work as shown on the plans and as specified in these special provisions. At the Engineer's discretion, the approved cost break-down may be used to determine partial payments during the progress of the work and as the basis of calculating the adjustment in compensation for the items of work due to changes ordered by the Engineer. When an ordered change increases or decreases the quantities of an approved cost break-down, the adjustment in compensation may be determined, at the Engineer's discretion, in the same manner specified for increases and decreases in the quantity of a contract item of work in accordance with Section 9-1.06, "Changed Quantity Payment Adjustments", of Caltrans Standard Specification. The cost break-down submitted by the responsive qualified low bid Contractor shall be approved by the Engineer before any partial payment for the items of Telecommunications work shall be made based on the cost break-down. The cost break-down shall include, but is not limited to: type of equipment, estimated quantity, and unit price ($/LF or each). See below for sample items. Some items from the list may not apply to the project, and other items may need to be included. Contractor shall submit break-down in a spreadsheet format.

Conduit, innerduct and duct bank – list each size (2", 3", etc.), installation method, quantity (LF), unit price ($/LF).

Fiber Optic Cabling – list each size (strand count), quantity (LF), and unit price ($/LF).

Underground spaces – list type (#5, #6, etc), quantity, and unit price ($/EA).

Fiber Optic Splicing – type (enclosure type), quantity, and unit price ($/EA).

Fiber Optic terminations – quantity and unit price ($/EA).

Fiber Distribution Enclosure – type, quantity and ($/EA).

Conductor – list each size (#6, #8, etc.), quantity (LF), and unit price ($/LF).

Electrical Service – type (metered), quantity, and unit price ($/EA).

Items no. 1.1 through 1.6 pertain to work shown in the "Northpointe" plan set.

ITEM NO. 1.1 DUCT BANK INSTALLATION

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the conduit, innerduct and duct bank installation as indicated on the Plan sheets and these Specifications.

Contractor shall take preconstruction photographs prior to starting construction. Preconstruction photographs shall conform to Section 11 of the Standard Specifications and be included in the bid price for this item.

Contractor shall provide and install by way of directional boring or open trench the conduits, innerduct and duct banks in the sizes, quantities and locations indicated on the plan sheets. Products and installation methods shall conform to Chapter 3 in these specifications.

Work also includes removing all project related Underground Service Alert (USA) marks from the project site. Contractor shall also remove all tire marks, equipment marks, machinery marks, and liquids, such as oil and machinery coolant, on the sidewalk, driveway, and curb ramp areas that were caused by the contractor during construction.

Final acceptance shall include all applicable inspections, testing and site restoration as described in these special provisions. These include but are not limited to field verification prior to final cover of locations and connections, witness of mandrel testing and full site restoration per preconstruction photographs for all disturbed ground coverings, surfaces and vegetation.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, for doing all work involved with this line item as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 1.2 INSTALLATION OF UNDERGROUND SPACES

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for new underground spaces as indicated on the Plan sheets and these Special Provisions.

Contractor shall take preconstruction photographs prior to starting construction. Preconstruction photographs shall conform to Section 11 of the Standard Specifications and be included in the bid price for this item.

Work also includes removing all project related Underground Service Alert (USA) marks from the project site. Contractor shall also remove all tire marks, equipment marks, machinery marks, and liquids, such as oil and machinery coolant, on the sidewalk, driveway, and curb ramp areas that was caused by the contractor during construction.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved with installing the new streetlights as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 1.3 INSTALLATION OF FIBER OPTIC CABLING

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the fiber optic cable installation as indicated on the Plan sheets and these specifications.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, for doing all work involved with this line item as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 1.4 FIBER OPTIC SPLICING

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the splicing of fiber optic cabling as indicated on the Plan sheets and these specifications.

Payment shall be made at the unit price bid per each and shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all work involved in potholing as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 1.5 FIBER OPTIC TERMINATIONS

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the fiber optic cable termination as indicated on the Plan sheets and these specifications.

Payment shall be at the lump sum bid and shall include full compensation for furnishing all labor, material, tools, equipment, incidentals and for doing all work involved with removing pavement stripings and markings as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 1.6 FIBER DISTRIBUTION ENCLOSURE

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the fiber distribution enclosure installation as indicated on the Plan sheets and these specifications.

Payment shall be at the unit price bid per each and shall include full compensation for furnishing all labor, material, tools, equipment, incidentals and for doing all work involved with placing pavement markers as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

Items no. 2.1 through 2.6 pertain to work shown in the "Marina Vista" plan set.

ITEM NO. 2.1 DUCT BANK INSTALLATION

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the conduit, innerduct and duct bank installation as indicated on the Plan sheets and these Specifications.

Contractor shall take preconstruction photographs prior to starting construction. Preconstruction photographs shall conform to Section 11 of the Standard Specifications and be included in the bid price for this item.

Contractor shall provide and install by way of directional boring or open trench the conduits, innerduct and duct banks in the sizes, quantities and locations indicated on the plan sheets. Products and installation methods shall conform to Chapter 3 in these specifications.

Work also includes removing all project related Underground Service Alert (USA) marks from the project site. Contractor shall also remove all tire marks, equipment marks, machinery marks, and liquids, such as oil and machinery coolant, on the sidewalk, driveway, and curb ramp areas that were caused by the contractor during construction.

Final acceptance shall include all applicable inspections, testing and site restoration as described in these special provisions. These include but are not limited to field verification prior to final cover of locations and connections, witness of mandrel testing and full site restoration per preconstruction photographs for all disturbed ground coverings, surfaces and vegetation.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, for doing all work involved with this line item as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 2.2 INSTALLATION OF UNDERGROUND SPACES

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for new underground spaces as indicated on the Plan sheets and these Special Provisions.

Contractor shall take preconstruction photographs prior to starting construction. Preconstruction photographs shall conform to Section 11 of the Standard Specifications and be included in the bid price for this item.

Work also includes removing all project related Underground Service Alert (USA) marks from the project site. Contractor shall also remove all tire marks, equipment marks, machinery marks, and liquids, such as oil and machinery coolant, on the sidewalk, driveway, and curb ramp areas that was caused by the contractor during construction.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved with installing the new streetlights as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 2.3 INSTALLATION OF FIBER OPTIC CABLING

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the fiber optic cable installation as indicated on the Plan sheets and these specifications.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, for doing all work involved with this line item as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 2.4 FIBER OPTIC SPLICING

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the splicing of fiber optic cabling as indicated on the Plan sheets and these specifications.

Payment shall be made at the unit price bid per each and shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all work involved in potholing as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 2.5 FIBER OPTIC TERMINATIONS

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the fiber optic cable termination as indicated on the Plan sheets and these specifications.

Payment shall be at the lump sum bid and shall include full compensation for furnishing all labor, material, tools, equipment, incidentals and for doing all work involved with removing pavement stripings and markings as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 2.6 FIBER DISTRIBUTION ENCLOSURE

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the fiber distribution enclosure installation as indicated on the Plan sheets and these specifications.

Payment shall be at the unit price bid per each and shall include full compensation for furnishing all labor, material, tools, equipment, incidentals and for doing all work involved with placing pavement markers as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

Items no. 3.1 through 3.2 pertain to work shown in the "Paragary Tree Lighting" plan set.

ITEM NO. 3.1 28TH STREET BETWEEN O ST AND J ST

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the installation of all conduit and pull boxes as indicated on the Plan sheets and these Specifications.

Contractor shall provide and install new pull boxes and conduit. Work also includes removing and repairing sidewalk squares for the installation of the pull boxes and conduit.

Work also includes removing all project related Underground Service Alert (USA) marks from the project site. Contractor shall also remove all tire marks, equipment marks, machinery marks, and other liquids, such as oil and machinery coolant, on the sidewalk, driveway, curb ramp areas that was caused by the contractor during construction.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, for doing all work involved with this line item as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

ITEM NO. 3.2 29TH STREET BETWEEN CAPITOL AVE AND K ST

The work to be performed for this item, in general, includes furnishing and installing all necessary equipment and materials for the installation of all conduit and pull boxes as indicated on the Plan sheets and these Specifications.

Contractor shall provide and install new pull boxes and conduit. Work also includes removing and repairing sidewalk squares for the installation of the pull boxes and conduit.

Work also includes removing all project related Underground Service Alert (USA) marks from the project site. Contractor shall also remove all tire marks, equipment marks, machinery marks, and other liquids, such as oil and machinery coolant, on the sidewalk, driveway, curb ramp areas that was caused by the contractor during construction.

Payment shall be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, for doing all work involved with this line item as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

3. TELECOMMUNICATIONS PROVISIONS WHICH APPLY TO ALL TELECOMMUNICATIONS ITEMS

3.1 General

The Contractor is solely responsible for the safety of the public and workers in accordance with all applicable rules, regulations, building codes and ordinances.

All work shall comply with applicable safety rules and regulations including OSHA. All work shall comply with the requirements of the National Electrical Safety Code (NESC) and the NEC except where local codes and/or regulations are more stringent, in which case the local codes and/or regulations shall govern.

All work shall comply with the standards, references and codes listed in PART 1 -- REFERENCES above. Where questions arise regarding which standards, references, or codes apply, the more stringent shall prevail.

All work shall comply with the requirements and recommendations of the product manufacturers. Where questions arise regarding which requirements and recommendations apply, the more stringent shall prevail.

Replace and/or repair to original (or better) condition any existing structures, materials, equipment, etc. inadvertently demolished or damaged by the Contractor during the course of construction at no additional cost to the Owner.
.
Remove surplus material and debris from the job site and dispose of legally.

Install all system components and appurtenances in accordance with manufacturer's instructions, install all system components and appurtenances in accordance with IEEE C2, NFPA 70, and as indicated. Provide all necessary interconnections, services, and adjustments required for a complete and operable Communications system. The system shall comply with ANSI/TIA-758 B, Customer Owned Outside Plant Communications Infrastructure Standard, BICSI Outside Plant Design Reference Manual (OSPDRM). Workmanship shall conform to the practices described in the BICSI Information Transport Systems Installation Methods Manual (ITSIMM).

3.2 DELIVERY, STORAGE AND HANDLING

Ship bulk fiber optic cable on reels up to 305-meter (1000 feet) 1000 feet length with a minimum overage of 10 percent. Radius of the reel drum shall not be smaller than the minimum bend radius of the cable. Wind the cable on the reel so that unwinding can be done without kinking the cable. Two meters of cable at both ends of the cable shall be accessible for testing. Attach permanent label on each reel showing length, cable identification number, cable size, cable type, and date of manufacture. Provide water resistant labels and the indelible writing on the labels. Apply end seals to each end of the

cables to prevent moisture from entering the cable. Reels with cables shall be suitable for outside storage conditions when temperature ranges from minus 40 degrees C to 65 degrees C, with relative humidity from 0 to 100 percent. Equipment, other than the cable, delivered and placed in storage shall be stored with protection from weather, humidity and temperature variation, dirt and dust, or other contaminants in accordance with manufacturer's requirements.

3.3 Contractor Damage

Promptly repair indicated utility lines or systems damaged during site preparation and construction. Damages to lines or systems not indicated, which are caused by Contractor operations, shall be treated as "Changes" under the terms of the Contract Clauses. When Contractor is advised in writing of the location of a nonindicated line or system, such notice shall provide that portion of the line or system with "indicated" status in determining liability for damages. In every event, immediately notify the Contracting Officer of damage.

Handle cable and wire provided in the construction of this project with care. Inspect cable reels for cuts, nicks or other damage. The damaged cable shall be replaced or repaired to the satisfaction of the Contracting Officer. Reel wraps shall remain intact on the reel until the cable is ready for placement.

3.4 Excavating, Trenching and Fill

Determine soil-density relationships for compaction of backfill material in accordance with ASTM D1557, Method D.

A. <u>Excavation:</u>

Do not excavate when the outside temperature is less than 35° F or when there is standing water or snow on the subgrade.

Where crossing of concrete or asphalt is required, saw cut and remove surface material prior to excavating. Remove concrete in complete sections from control joint to control joint regardless of the width of the excavation. Restore concrete and asphalt surfaces following excavation to match existing depth, strength, color, and type of material.

If an adjacent structure may be compromised or damaged by excavation work, underpin the structure as required. If the structural integrity is in question, obtain an evaluation and recommendation from a registered structural Designer employed by the Contractor prior to proceeding with the work.

Maintain adequate separation between the excavation and adjacent underground utilities. Locate excavations such that duct banks, maintenance holes, and handholes have a minimum separation of twelve (12) inches between the duct bank and/or MH/HH and the nearest underground utility after installation. For gas lines a minimum separation of eighteen (18) inches is required. For water a

minimum separation of thirty-six (36) inches is required. Contact the Designer prior to proceeding if minimum separation distances cannot be achieved.

Protect excavations at the end of the work shift. Cover with steel sheets and barricade prior to leaving the job site, in accordance with all applicable rules, regulations, building codes, and ordinances.

Install, operate and maintain pump or dewatering equipment as necessary to prevent water from accumulating in the excavation.

For MH/HH: Excavate to a sufficient depth to cover the overall assembled height of the vault plus the added height of risers, covers and bedding material consisting of a minimum 6"-12" of base. Excavate to a sufficient width to provide a minimum of 6" clearance around each side of the MH/HH.

For trenches: Excavate to a sufficient depth to provide a minimum of 24" cover over the conduit or duct bank formation and to allow for the proper alignment of conduits into the MH/HH. Excavate to a sufficient width to provide a minimum of 6" to each side of the duct bank formation.

Over-excavate, fill, and compact any soft spots in the subgrade.

Run trench excavation true and as straight as possible. Clear trenches of stones and soft spots.

Slope trench grade to fall 3" per 100 feet in general and ¼" per foot where possible.

Slope trench toward lower MH/HH or from high points toward MH/HH at both ends.

Slope trench away from building entrances.

B. <u>Fill:</u>

Drain and/or pump groundwater and surface water from the recipient area prior to the placement of fill.

Do not place frozen fill

Scarify and moisture-condition the subgrade bed to receive fill prior to placing materials.

Moisture-condition base material to within three (3) percent of optimum moisture content and place in loose, horizontal layers.

Level the subgrade bed using sand for trenches and gravel for MH/HH as necessary to form an even base.

C. <u>Bedding:</u>

Do not exceed 4" depth of bedding lifts/layers before compacting.

Backfill: Do not exceed 6" depth of backfill lifts/layers before compacting.

Compaction: Compact using a vibratory plate or roller or another mechanical device. Compaction through jetting and/or pounding is not acceptable. Compact per APWA Standard Specification Paragraph 7-10.3 (11).

Bedding: Compact material to a dense state equaling at least 95% of the maximum dry density per ASTM D1557.

Backfill: Compact material up to two (2) feet below the finished grade with a minimum relative compaction of 90% of the maximum dry density per ASTM D1557. Compact material from two (2) feet below the finished grade up to the finished grade with a minimum relative compaction of 95% of the maximum dry density per ASTM D1557.

D. <u>Base, Bedding and Backfill Products:</u>

Use of on-site soils for base, bedding, and backfill is acceptable as long as the material meets compaction and drainage criteria.

Base: Readily compactable and meet the following gradient requirements.

Sieve Size	Percent Passing
1" Square	100
¼" Square	25 - 80
U.S. No. 200	15 max
Sand Equivalent	30 min

For Trenches (provide sand):

Sieve Size	Percent Passing
U.S. No. 10	35 - 100
U.S. No. 20	20 - 80

U.S. No. 40	10 - 55
U.S. No. 100	0 - 10
U.S. No. 200	0 - 3

Bedding: Same as Base - For Trenches, above.

Backfill: For Maintenance Holes and Handholes - Same as Base - For Maintenance Holes and Handholes, above. For Trenches:

Sieve Size	Percent Passing
½" Square	100
¼" Square	65 - 100
U.S. No. 10	40 - 100
U.S. No. 50	3 - 50
U.S. No. 100	0 - 4
U.S. No. 200	0 - 3

E. <u>Waste Disposal:</u>
Remove excavation materials and other construction debris from the site in a timely manner and dispose of legally.

3.5 Direct Burial System

Fiber Optic cabling shall be installed in underground duct and communication duct banks in all instances and shall not be direct buried.

3.6 Directional Boring

A. Provide all necessary tools, materials and equipment to successfully complete the installation of directionally, drilled piping as specified herein and shown on the drawings. The CONTRACTOR shall be responsible for the final constructed product, and for furnishing the qualified labor and superintendence necessary for this method of construction.
B. Furnish all items necessary to perform the horizontal directional drilling operation and construct the pipe to the lines and grade shown on the drawings.

C. Boring must use techniques of creating or directing a borehole along a predetermined path to a specified target location. This must involve use of mechanical and hydraulic deviation equipment to change the boring course and must use instrumentation to monitor the location and orientation of the boring head assembly along a predetermined course.
D. Drilling must be accomplished with fluid-assist mechanical cutting. Boring fluids shall be a mixture of bentonite and water or polymers and additives. Bentonite sealants and water will be used to lubricate and seal the mini tunnel. It is mandatory that minimum pressures and flow rates be used during drilling operation as not to fracture the sub-grade material around and/or above the bore.
E. The mobile drilling system shall utilize small diameter fluid jets to fracture and mechanical cutters to cut and excavate the soil as the head advances forward.
F. Steering shall be accomplished by the installation of an offset section of drill stem that causes the cutterhead to turn eccentrically about its centerline when it is rotating. When steering adjustments are required, the cutterhead offset section is rotated toward the desired direction of travel and the drill stem is advanced forward without rotation.
G. The mobile drilling system must be capable of being launched from the surface at an inclined angle and drilling a 2-inch to 3-inch diameter pilot hole. The pilot hole will then be enlarged with reamers as required.
H. DIRECTIONAL DRILLING DATA
    a. Daily logs of construction events and observations shall be submitted on at least the following:
        i. Location and elevation of significant soil strata boundaries and brief soil descriptions. DRAFT: 02/10/2000 Section 02300 DIRECTIONAL DRILLING Page 5 of 6.
        ii. Jacking pressures and torsional forces, if applicable.
I. CONTROL OF THE TUNNEL LINE AND GRADE
    a. Construction Control.
        i. Establish and be fully responsible for the accuracy of his own control for the construction of the entire project, including structures, tunnel line and grade.
        ii. Establish control points sufficiently far from the tunnel operation not to be affected by construction operations.
        iii. Maintain daily records of alignment and grade and shall submit three copies of these records to the ENGINEER. However, the CONTRACTOR remains fully responsible for the accuracy of his work and the correction of it, as required. Check control for the bore alignment against an above ground undisturbed reference at

least once each hour and once for each 50 feet of tunnel constructed, or more often as needed or directed by the Resident Engineer.

3.7 Underground Duct

PVC ducts shall be installed as specified in the drawings for depth of cover over the encasement. Ducts shall enter maintenance holes at the bottom-most holes, deep enough to allow all maintenance hole entrance ports (used now or in the future) to have ducts installed to maintain minimum cover over the uppermost duct. Locate metallic warning tape above ducts 12 to 18 inches above the encasement but at least 12 inches below grade and continuous above maintenance holes. All new and existing ducts utilized in the project shall be thoroughly cleaned prior to installing cables. A mandrel not less than 12 inches long with a diameter 1/2 inch less than the inside diameter of the duct shall be pulled through each duct. Pneumatic rodding may be used to draw in the lead wire/cord.

Install tracer wire in all new duct banks. The tracer wire shall be placed exterior to the conduit in the center of the top conduit formation. Tracer wire shall be placed prior to the concrete pour. Splices in the tracer wire shall compression type to ensure continuity. Wire nuts are not allowed. After installation, provide continuity test of tracer wire and submit a report to the Quality Control Representative as part of the construction record documents.

Plug all ducts, sub-ducts, and innerducts, whether main or subsidiary runs, using universal screw type duct plugs in Communications maintenance holes and handholes and at building entrances. Foam sealant is not acceptable.

3.8 Communication Duct Banks

All conduit entering and existing handholes shall be through handhole walls. Conduit entering handholes shall not be through the bottom,

Minimum depth of cover shall be 24 inches for Communication maintenance holes/vaults/hand holes. Extension rings shall be installed to provide deeper depths.

Minimum depths of cover of conduits installed by directional boring/drilling shall be:

- 18” under sidewalks.
- 30” when installed within roadways.
- 24” for all other locations.

Plug all unoccupied ducts, sub-ducts, and inner ducts – whether main or subsidiary runs – using universal screw-type duct plugs Communication maintenance holes/vaults/hand holes and at building entrances. Foam sealant is not acceptable.

Provide notification to the city construction manager at least 48 hours prior to Installation of Communication maintenance holes/vaults/hand holes and obtain approval on their orientation.

All Communication maintenance holes/vaults/hand holes shall have grounding in accordance with the NFPA 70-(National Electrical Code), ANSI-C2, (NESC). Methods shall comply with those cited in the RUS Bulletin 1751F-802 dated 12 Apr 94. Ground rods must meet requirements and be installed in accordance with NEMA GR-1. Ground rods must be steel that is copper-clad and a minimum of 0.75 inches (20millimeters) in diameter and a minimum of 10 feet (2.75 meters long). Four inches (100millimeters) of the rod, plus or minus 0.5 inches (13 millimeters) must extend above the finished floor level. All Communication maintenance holes/vaults/hand holes grounding shall achieve not greater than 25 ohms. Ground rods shall be spaced a distance equal to or greater than the length of the ground rods. Upon completion of the grounding system installation, the contractor shall provide a final ground resistance test report that uses the "fall of potential method". Perforated ribbon shall not be used.

Provide labeling per TIA 606 and NEC Labeling Scheme Standards.

All duct banks installed by trenching shall be constructed of Schedule 40 PVC encased in 2,500 psi concrete. Duct bank bases shall be leveled and layered with a four-inch layer of compactable bedding material. Duct spacers are required and the duct bank properly formed and framed prior to concrete pour.

All new ducts shall be mandrel-tested with a 12-inch nonflexible mandrel with a diameter that is ½-inch less than the duct inside diameter, except that a 6-inch nonflexible mandrel shall be used only at the final 90-degree rigid steel conduit sweep to the Communications room or pole riser. Mandrel pulls shall be witnessed by the NEC/DPW. All innerduct shall be fabric mesh innerduct. Each 4" ducts requiring innerduct shall contain fabric mesh tapes consisting of a minimum of three – 3-inch, 3-cell per tape, maximum of three tapes/nine cells per duct.

All newly installed duct runs require a minimum of 24-inches cover from top of duct.

If any existing communication ducts are identified within the proposed construction area, a comprehensive site survey shall be required to include Potholing to determine if the duct banks meet the current encasement requirement for bidding purposes.

3.9 Buried Warning Tape and Tracer Wire

Provide fiber optic media marking and protection in accordance with TIA-590. Provide polyethylene warning tape with a minimum width of 6-inches and imprinted with the words "WARNING - COMMUNICATION CABLE BELOW" at intervals not more than 48-inch. Warning tape shall comply with APWA Uniform Color Code. Tape shall have a minimum thickness of 0.004 inch, and a minimum strength of 1750 pounds per square inch (PSI) lengthwise and 1500 PSI crosswise. Warning tape shall be manufactured with an integral wire, foil backing or other means of enabling detection by a metal detector or underground cable detector. The warning tape shall be chemically inert and resistant to degradation caused by acids, alkalis, and other destructive substances found in soil.

Tracer wire shall be #12 AWG insulated solid copper with a minimum 30-mm PE jacket designed specifically for buried use. Splices in the tracer wire shall be a compression type connector to ensure continuity. Wire nuts shall not be used.

3.10 Conduit and Duct Banks

A. <u>Conduits:</u>

Conduit shall be Schedule 40 or HDPE for trenched installations.

Conduit shall be HDPE for directional boring/drilling installations.

Outdoor underground: Provide RNC Schedule 40 (Type 1), concrete encased.

Outdoor exposed: Provide RGC.

Sweeps:

a. Shallow curves comprised of continuous lengths of individual straight RNC conduit are permissible with a minimum sweep radius of 40 feet.
b. Where the conduit sweep radius is less than 40 feet, sweeps shall be factory-manufactured bends with a minimum of 48-inch radius. Bending conduit in the field using manual or mechanical methods is not acceptable.
c. Do not exceed 90 degrees for an individual sweep.
d. Where unique construction requirements for bend radius or arc length do not permit the use of factory-manufactured sweeps, sweeps shall be field-manufactured using factory-recommended equipment. The internal diameter of the sweep shall not be changed during the sweep field-manufacturing process.
e. A conduit section shall have not more than the equivalent of two 90-degree sweeps (a total of 180 degrees) between pull points. The 180-degree maximum shall include kicks and offsets. Where it is not possible to construct a section of conduit within the 180-degree sweep maximum, an intermediate MH/HH shall be installed.
f. Two sweeps greater than 44 degrees separated by less than 10 feet are not permissible.

g. Construct sweeps for conduits within a common duct bank parallel, measured from the same center-point.
h. Do not install LB's, condulets or electrical elbows (45 or 90 degrees).

Fittings:

a. Cut conduit ends square and ream to remove burs and sharp ends. Extend conduits the maximum distance into fittings, couplings, and/or connectors. Tighten fittings securely and seal watertight (see below).
b. End Caps (Plugs): Provide end caps on conduit ends throughout construction to prevent the intrusion of water or debris. Install end caps on conduit that is not directly being worked on during the workday and on conduits at night. Leave end caps in place upon final completion of the work.
c. End Bells: Provide end bells for terminating conduit in maintenance holes and handholes. Install protective end bells on conduits flush with MH/HH walls. Do not use TERM-A-DUCT.

Sealing: Apply a solvent-type cement (for RNC) to make conduit connections waterproof. Seal and grout conduit terminations in maintenance holes and handholes to ensure that voids in the joints are filled. Seal conduit terminations in buildings until used for cable.

Cleaning: After installation, and within five days prior to releasing conduit for cabling installation, clean each conduit with a wire brush and swab.

a. Clean each conduit a minimum of two times in the same direction and swab with clean rags until the rag comes out of the conduit clean and dry. Swab away from buildings for conduit sections connected to buildings.
b. Notify Client Network Infrastructure Manager at least 5 days in advance of cleaning.

Test Mandrels: Prove out each conduit with a minimum 16-inch-long test mandrel that is ¼ inch smaller than the inside diameter of the conduit. Pull the test mandrel after backfilling but prior to the replacement of landscaping. Repair or replace any conduit that does not prove out at no cost to the Owner.
Notify Client Network Infrastructure Manager at least 5 days in advance of mandrel tests.

Conduit Entrances:

a. MH/HH: Conduit entrances at opposite ends of a maintenance hole or handhole shall be at the same level and in the same position with respect to the side walls. Ensure that each conduit leaving a MH/HH in any position enters the next MH/HH in the same relative position.
b. Buildings: Terminate conduits a minimum of 6-inches above the finished floor.

Length: Unless otherwise shown on the Drawings, do not exceed 400 feet of duct bank between pulling points. Contact the Designer prior to proceeding, if a duct bank section will exceed 400 feet.

Pull Ropes: Install in each conduit immediately after the conduit has been cleaned and mandrel pull through to verify there are no restrictions with the conduit that may prevent cable installation. Leave a minimum of 10 feet looped and tied off at each end of the conduit.

Protection: Insure that after installation the conduit coatings and finishes are without damage. Repair any Rigid Non-metallic Conduit damage with matching touchup coating recommended by the manufacturer.

B. <u>Duct Banks:</u>

Unless otherwise noted on the Contract Documents or required for sweep radius, construct duct banks in a concrete encasement. Use concrete encased RNC (see CAST-IN-PLACE CONCRETE, above). Duct banks:

Reinforce duct banks under roadways or other drivable spaces and at connections to maintenance holes and building foundations. Install reinforcement at each corner of the conduit spacers/supports.

Consolidate concrete during placement using an internal concrete vibrator.

Provide each MH/HH penetration with reinforcing bars tied to MH/HH reinforcement. Dowel reinforcement in foundation wall of building penetrations or precast maintenance holes.

Secure conduit spacers/supports and reinforcing to prevent movement during concrete placement. Use stakes and/or tie wire to minimize floating and spreading.

Conduit Spacers/Supports: Place supports on eight (8) foot centers if encased in concrete and five (5) foot centers otherwise. Interlock spacers horizontally only. Stagger spacers encased in concrete at least six (6) inches vertically.

Warning Tape: Install metallic warning tape half the distance between the top of the duct bank and finished grade.

Grounding/Bonding: Install ground wire along length of duct bank. Bond to grounding electrodes of MH/HH.

Slope duct bank grade to fall 3 inches per 100 feet in general and ¼" per foot where possible. Slope duct bank toward lower MH/HH or from high points toward MH/HH at both ends. Slope duct bank away from building entrances.

C. Duct Bank Products:

a. Approved conduit sizes:
   - Unless otherwise specified in the drawings, 2" diameter conduit for fiber distribution. 3" diameter conduit maybe used for fiber strands greater than 216-strands.
   - Conduit from handholes to dwelling shall not be less than .75-inches diameter conduit.

b. Conduit Schedule 40: RNC: Rigid Non-Metallic Conduit (PVC), Schedule 40
   - UL listed, NEMA TC2 and TC6 Schedule 40 rigid polyvinyl chloride (PVC) approved for burial with concrete encasement.
   - Fittings: NEMA TC3 and TC9, matched to conduit and material.
   - Sweeps: Factory manufactured with a single arc in accordance with conduit diameter.
     - For conduit less than 2-inches the sweep shall be 6 times the diameter of the conduit.
     - For conduit 2-inches or greater the sweep shall be 10 times the diameter of the conduit.
   - End Caps (Plugs): Pre-manufactured and watertight. Tape is not an acceptable end cap or cover.
   - Mule Tape: Conduit Measuring Tape

c. HDPE Conduit:
   - High-Density Polyethylene (HDPE) shall be used for conduit installed using directional boring/drilling.
   - Innerduct: Innerduct is not required.

d. Duct banks:
   - Duct bank Construction: Conduit Spacers/Supports: High-density plastic interlocking spacers/supports.
   - Warning Tape: Not less than 6" wide by 4 mils thick metallic warning tape, red in color and printed with the words "Caution Communications line buried below".
   - Grounding/Bonding: #2 bare copper ground.

3.11 Underground Spaces

Include Maintenance Holes (MH) and Handholes (HH). Incidental and miscellaneous equipment supplied with a MH or HH shall be supplied by the same manufacturer.

Provide maintenance holes and handholes in the sizes and locations shown on the Drawings.

Precast maintenance holes and handholes shall be free from damaged joint surfaces, cracks, or other damage that would permit infiltration. Repairing defects is not acceptable. MH/HH and incidental and miscellaneous equipment (such as cable racking brackets and supports) shall be supplied by a single manufacturer.

Install MH/HH according to manufacturer's instructions.

Covers and Frames: Provide 30" wide x 10" high circular frames/covers and provide with minimum 4" and maximum 12" high circular maintenance hole entrance riser sections as required. Use the riser sections to maintain the top of the cover 1" above the existing ground line or finished grade. Taper pavement surfaces up to the top of the maintenance cover. Provide lock-down bolts for HH covers. Covers and frames shall be of uniform quality, free from blowholes, porosity, shrinkage, distortion, cracks and other defects. Repairing defects is not acceptable. Mating surfaces between covers and frames shall be machine-finished to ensure a non-rocking fit.

Setting and Placement: Remove water from excavation and properly install bedding material prior to setting the MH/HH. Clean MH/HH section seal surfaces so that they are free from dirt or other material. Set MH/HH in place by lowering each section into the excavation, ensuring that the section is level, plumb, and firmly positioned, and ensuring that the section gasket/seal is properly installed and watertight prior to setting the next section. Carefully set the MH/HH to ensure that the rim or lid elevation is set one inch above finished grade. For vaults located in paved areas, taper pavement up to the MH/HH rim.

Knockouts: Open conduit entry knockouts with care preserving the TERM-A-DUCT sidewalls. Glue conduits entering the vault to the opened TERM-A-DUCTs with PVC cement. Preserve intact the conduit entry knockouts that are not intended for current use.

Grouting: Apply grout in a manner to ensure filling of voids in the joints being sealed. Apply grouting to conduit entrances, risers, and covers in addition to any other voids.

Racking and Hardware: Install racking and hardware and incidental materials. Provide three (3) cable racks per longitudinal side (six (6) racks total) per maintenance hole. Provide eight (8) 7-½" cable support arms per manhole. Provide additional incidental hardware for mounting racks and cable support arms.

Risers: Provide riser sections that are a minimum of 4" high and a maximum 12" high, sized for the MH entrance. Provide riser sections in quantities sufficient to meet the minimum and maximum height requirements discussed above.

Grounding/Bonding: Provide a minimum of one ¾" x 10' copper clad steel ground rods, and one #4/0 pigtail for connection to interior ground conductors. Bond metallic

hardware in the vault to the pre-cast bonding tabs. Bond the bonding tabs to the ground rod.

Provide pulling irons in each corner of the maintenance hole floor consisting of 5/8" or greater steel and a loop size of approximately 4".

Cleaning: Clean and dry the MH/HH after construction activity is complete and prior to releasing the MH/HH to the Owner for the Owner's use. Clean, by this definition means:

- The MH/HH shall be free of water and mud.
- The MH/HH shall be free of debris used for build-out.
- The only items that should be in a MH after construction shall be a Ladder, Cable Racking, Ground Rods, and pulling irons.

Products: Communication maintenance holes/vaults/hand holes shall meet existing infrastructure or approved equal, sized oriented correctly as shown in the drawings, RCDD design and manufacturer's instructions. Communication maintenance holes/vaults/hand holes shall meet the following minimum criteria:

- Concrete shall have a minimum compressive strength of 7000 psi at 28 days.
- Design Communication maintenance holes/vaults/hand holes to meet AASHTO H-20 rating.
- Communication maintenance holes/vaults shall have galvanized embedded pulling irons in each corner, top and bottom.
- Communication maintenance holes/vaults/hand holes shall have a minimum of four galvanized "C" channels per longitudinal side.
- Equip Communication maintenance holes/vaults/hand holes with PVC duct terminators at all points of entry/termination (term-a-duct or similar).
- Include galvanized steel access ladder in Communication maintenance holes/vault/hand holes.
- Splice cases shall be of the pre-formed stainless-steel type for copper and Tyco (or approve equal) for fiber splice cases. "Stretch cases" are not allowed. Flash test using dry nitrogen gas to ensure dry and airtight seals. Splice cases shall be installed in such a manner that their weight is supported by the cable hooks in the maintenance hole/vault. Splice cases shall not be installed in hand holes without prior approval from the NEC.

Maintenance Holes: If precast, conform to ASTM C478 and other ASTM standards and specifications as listed in REFERENCES above. If cast-in-place, reference appropriate Sections. Complete with concrete floors, lockable covers, permanently installed ladders, pulling eyes.

- Precast : Utility Vault Company or equivalent: 4484-TA 6'-0" W x 6'-0" L x 7'-2" H (interior dimensions). Complete with Alternate Top Section 4484-T42E, Center Section 4484-MT, Base Section 4484-BT, and section gaskets. Equipped with (3) galvanized "C" imbedded channels per longitudinal side. Manufactured with conduit entry knockouts: 4" TERM-A-DUCT '90.

- Cast in place: Re-bar reinforced concrete rated at 4000 psi at 28 days

- Sizes and Types: 6'-0" W x 6'-0" L x 7'-0" H (interior dimensions) minimum. Complete with necessary alternate top sections, center sections, base sections, and section gaskets. Equipped with (3) galvanized "C" imbedded channels per longitudinal side. Manufactured with conduit entry knockouts: 4" TERM-A-DUCT '90 or equivalent.

- Covers and Frames: Covers shall be circular cast ductile iron, shall be engraved with 1/8" high letters stating "COMMUNICATIONS", and shall conform to AASHTO H20 loading if located in a roadway and to AASHTO H10 loading otherwise. Cover frames shall be cast ductile iron, conforming to the same AASHTO requirements as the covers. 30" Diameter Casting with standard height Frame
- Racking and Hardware: Galvanized.

- Risers:
  - 4 inch high: Utility Vault Company No. 4204 (or equivalent)
  - 6 inch high: Utility Vault Company No. 4206 (or equivalent)
  - 12 inch high: Utility Vault Company No. 4212 (or equivalent)

Handholes/Pull-boxes and Flowerpots: Precast, conform to ASTM C478 and other ASTM standards and specifications as listed below. Complete with concrete floors, lockable covers, pulling eyes, and 12" diameter closed sumps.

Acceptable Hanholes:

Manufacturer: CHRISTY or equivalent
Pull-Box IDs: N09, N16, N30, N36, N40, N44, N48 and N52P

Acceptable Flower Pot:

Manufacturer: OLD CASTLE or Equivalent
Part Number: 9106007

- H20 Sizes and Types:
  - Utility Vault Company: 444-LA 4'-0" W x 4'-0" L x 4'-0" H (exterior dimensions). Complete with Cover Section 44-332P, Base Section 444-BL, and section gaskets. Equipped with one (1) galvanized "C" channel per longitudinal side and one (1) galvanized pulling iron per corner (four (4) total). Manufactured with conduit knockouts: 4" TERM-A-DUCT '90.
  - Utility Vault Company: 504-LA 4'-8" W x 4'-8" L x 4'-0" H (exterior dimensions). Complete with Cover Section 55-332P, Base Section 504-BL, and section gaskets. Equipped with one (1) galvanized "C" channel per longitudinal side and one (1) galvanized pulling iron per corner (four (4) total). Manufactured with conduit knockouts: 4" TERM-A-DUCT '90.
  - Utility Vault Company: 25-TA 2'-3" W x 5'-2.5" L x 2'-7.5" H (exterior dimensions). Complete with Cover Section 38/25-T, Base Section 25-T, and section gaskets. Equipped with one (1) galvanized "C" channel per longitudinal side and one (1) pulling insert per end (two (2) total).
  - Or equivalent

- Covers: Rectangular diamond plate covers, equipped with a self-latching stainless steel slam lock, recessed lift inserts, lock down bolts, shall be labeled with 1/8" high letters stating "COMMUNICATIONS".

- Acceptable Low traffic areas Handholes and Flowerpots: Handholes/Pull-boxes: Open bottom handhole
  - Material: Reinforced Concrete with Composite cap
  - Size: as indicated on the drawings
  - Industry Standard: ASTM C 857, WUC 3.6
  - Extension
    - Material: Reinforced Concrete
    - Depth: 12"
    - Weight: 189 lbs
  - Cover
    - Style: Flush
    - Material: Composite with UV inhibitor
    - Size: to match width and length of handholes specified on drawings.
    - Special Markings: COMMUNICATIONS
    - Industry standard: ASTM C 857, WUC 3.6

- Racking and Hardware: Galvanized

- Minimum inside handhole dimensions that house splice enclosures shall be 24-inches Wide by 36-inches Long. Depth shall be determined.

Grounding:

- ¾” x 10’ copper clad steel ground rods

- #4/0 pigtail for connection to interior ground conductors.

Installation:

A. <u>Handholes:</u>

Handholes located in parking lots, roads, industrial zones and other high traffic areas shall be precast concrete enclosure designed to meet the H-20 loading standard, which is a design criterion for traffic loading, typically used in bridge and roadway applications.

Handholes located in non-traffic areas such as residential lawns, roadway medians and sidewalks shall be a Christy N36 with a galvanized steel cover bolt down locking cover.

Cable Pulling

Test duct lines with a mandrel and swab out to remove foreign material before the pulling of cables. Avoid damage to cables by setting up pulling apparatus or in placing tools or hardware. Do not step on cables when entering or leaving the manhole. Do not place cables in ducts other than those shown without prior written approval of the Resident Engineer. Roll cable reels in the direction indicated by the arrows painted on the reel flanges. Set up cable reels on the same side of the manhole as the conduit section in which the cable is to be placed. Level the reel and bring into proper alignment with the conduit section so that the cable pays off from the top of the reel in a long smooth bend into the duct without twisting. Under no circumstances shall the cable be paid off from the bottom of a reel. Check the equipment set up prior to beginning the cable pulling to avoid an interruption once pulling has started. Use a cable feeder guide of suitable dimensions between cable reel and face of duct to protect cable and guide cable into the duct as it is paid off the reel. As cable is paid off the reel, lubricate and inspect cable for sheath defects. When defects are noticed, stop pulling operations and notify the Resident Engineer to determine required corrective action. Cable pulling shall also be stopped when reel binds or does not pay off freely. Rectify cause of binding before resuming pulling operations. Provide cable lubricants recommended by the cable manufacturer. Avoid bends in cables of small radii and twists that might cause damage. Do not bend cable and wire in a radius less than 10 times the outside diameter of the cable or wire.

B. <u>Maintenance Holes/ Manholes:</u>

Maintenance holes located shall be precast concrete enclosure designed to meet the H-20 loading standard regardless of location, which is a design criterion for traffic loading.

Cable Pulling

Test duct lines with a mandrel and swab out to remove foreign material before the pulling of cables. Avoid damage to cables by setting up pulling apparatus or in placing tools or hardware. Do not step on cables when entering or leaving the manhole. Do not place cables in ducts other than those shown without prior written approval of the Resident Engineer. Roll cable reels in the direction indicated by the arrows painted on the reel flanges. Set up cable reels on the same side of the manhole as the conduit section in which the cable is to be placed. Level the reel and bring into proper alignment with the conduit section so that the cable pays off from the top of the reel in a long smooth bend into the duct without twisting. Under no circumstances shall the cable be paid off from the bottom of a reel. Check the equipment set up prior to beginning the cable pulling to avoid an interruption once pulling has started. Use a cable feeder guide of suitable dimensions between cable reel and face of duct to protect cable and guide cable into the duct as it is paid off the reel. As cable is paid off the reel, lubricate and inspect cable for sheath defects. When defects are noticed, stop pulling operations and notify the Resident Engineer to determine required corrective action. Cable pulling shall also be stopped when reel binds or does not pay off freely. Rectify cause of binding before resuming pulling operations. Provide cable lubricants recommended by the cable manufacturer. Avoid bends in cables of small radii and twists that might cause damage. Do not bend cable and wire in a radius less than 10 times the outside diameter of the cable or wire.

C. <u>Cable Tension:</u>
Obtain from the cable manufacturer and provide to the city construction manager, the maximum allowable pulling tension. This tension shall not be exceeded.

3.12 Plastic Insulating Tape

Plastic insulation tape shall comply with UL 510.

3.13 Fiber Optic Cable

The of design is a centralized fiber optic system for GPON with a trunk/feeder cable and drop cables for Single Family Units (SFUs) and 12-strand laterals for Multi-Dwelling Units (MDUs).

Bulk fiber optic cabling shall only be used to splice to the end of the All newly installed OSP trunk, laterals and drop fiber cabling shall be OS2, Loose Tube singlemode (9/125 um) with strand counts identified on the drawings.

Bulk fiber optic cables shall be installed with a 20-foot (6-m) service loop installed in each pull-through Communications maintenance/vault/hand hole or a 100-foot (30.5-m) splice loop installed on each side of a splice case.

Provide single-mode, 9/125-um, 0.10 aperture 1310 nm fiber optic cable in accordance with single-mode, 9/125-um, 0.10 aperture 1550 nm fiber optic cable in accordance with TIA-492E000 and, TIA-472D000, and ICEA S-87-640 including any special requirements made necessary by a specialized design. Provide 12 single-mode optical fibers strands as indicated. Fiber optic cables shall be specifically designed for outside use with loose buffer construction. Provide fiber optic color code in accordance with TIA/EIA-598.

Trunk, lateral and drop cables shall be Corning Fiber Optic cable or equivalent to match strand quantity.

CABLE TYPE	**Corning Part No.**
1-Strand OSP Fiber (Drop Cable)	001U2F-31531-29
2-Strand OSP Fiber (Drop Cable)	002U2F-31531-29
12-Strand OSP Fiber (All Dielectric)	012ZU4-T3F22D20
24-Strand OSP Fiber (All Dielectric)	024ZU4-T3F22D20
36-Strand OSP Fiber (All Dielectric)	036ZU4-T4F22D20
48-Strand OSP Fiber (All Dielectric)	486ZU4-T4F22D20
60-Strand OSP Fiber (All Dielectric)	060ZU4-T4F22D20
72-Strand OSP Fiber (All Dielectric)	072ZU4-T4F22D20
96-Strand OSP Fiber (All Dielectric)	096EU4-Y4F00D20
120-Strand OSP Fiber (All Dielectric)	120EU4-Y4F00D20
144-Strand OSP Fiber (All Dielectric)	144EU4-Y4F00D20
216-Strand OSP Fiber (All Dielectric)	216EU4-T4701D20
288-Strand OSP Fiber (All Dielectric)	288ZU4-Y4F22D20
288-Strand OSP Fiber (All Dielectric)	288ZU4-T4122D20
288-Strand OSP Fiber (All Dielectric)	288DU4-T4101D20
432-Strand OSP Fiber (All Dielectric)	432ZU4-T4122D20

Provide central non-metallic strength members with sufficient tensile strength for installation and residual rated loads to meet the applicable performance requirements in accordance with ICEA S-87-640. The strength member is included to serve as a cable core foundation to reduce strain on the fibers and shall not serve as a pulling strength member.

Provide bare aluminum or coated aluminum, single tape covering or shield in accordance with ICEA S-87-640.

Provide fiber optic cable with optical and mechanical performance requirements in accordance with ICEA S-87-640.

3.14 Installation of Cables in Manholes, Handholes and Vaults

Do not install cables utilizing the shortest route, but route along those walls, of handholes or vaults, providing the longest route and the maximum spare cable lengths. Route cables closely walls, not interfere with duct entrances, and support cables on brackets and cable insulators at a maximum of 4 feet. In existing maintenance holes, handholes, and vaults where new ducts are to be terminated, or where new cables are to be installed, modify the existing installation of cables, cable supports, and grounding as required with cables arranged and supported as specified for new cables. Identify each cable with corrosion-resistant embossed tags. Coordinate cable labeling with city through the city's construction manager. Cable labeling shall comply with

3.15 Communication Splice Enclosures

Provide Fiber Optic Closures in Vaults or Manholes. Provide underground closure suitable to house splice organizer in protective housing. Closure shall be of thermoplastic, thermoset, or stainless-steel material supplying structural strength necessary to pass the mechanical and electrical requirements in a vault or manhole environment. Encapsulating compound shall not be used. Do not use encapsulating compounds. Flash test using dry nitrogen gas to ensure dry and airtight seals. Splice cases shall be installed in such a manner that their weight is supported by the cable hooks in the maintenance hole/vault.

Products: FTTX fiber Optic splitter cabinet / PAD MOUNTED or handhole mounted fiber distribution Hub (FDH) CABINETS

- Provide in accordance with RUS 1755.910 and the following:
  - Constructed of 14-gauge steel.
  - Equipped with a double set of hinged doors with closed-cell foam weatherstripping. Doors shall be locked and contain a marker as indicated.
  - Equipped with spool spindle bracket, mounting frames, binding post log, and jumper instruction label.
  - Complete with cross connect modules to terminate number of pairs as indicated.
  - CommScope FOSC 450 or larger as needed.
  - Sized as indicated.

- Optical splitter cabinet shall be 3000 cabinet. Recommended manufacturer/part number:
  - CommScope / FDH-3000 or approved equal
    - With FDH 3000 Hand Hole Kits to be ordered from manufacturer to match corresponding FDH size per manufacturer recommendations.
  - The cabinet shall be sized to support the minimum number of subscribers. FTTH wall mounted cabinet (indoor only)

- Network Interface Device (NID) or MDU-BUDI or Tii Tech FET: Wall mounted cabinet shall provide environmental and mechanical protection for the fiber optic cable and management. It shall support splicing and patching fiber optic cables
    - The cabinet shall support a minimum of 1 SC/APC adapters with pig tails for fusion splicing
    - Recommended manufacturer/part number:
        - CommScope: OWB-S-SO-S12-NN-W-L-US (12-strand)
        - CommScope: OWB-S-SO-S24-NN-W-L-US (24-strand)
        - CommScope: BUDI Fiber Optic Wall Mount Enclosure:
            - BUDI-FS-TS212-US00
            - BUDI-S-TS224F-0500
        - Tii Tech FET2G Fiber Entrance Terminal
            - FET2G-06RSA900H
            - FET2G-08RSA900H
            - FET2G-12RSA900H
        - Tii FET3G Outdoor Fiber Demarcation Enclosure
            - FET3G-16RSA900
            - FET3G-24RSA900
        - Tii Techn Fiver Interface Device
            - 506F-01-01-01-NH
        - Or approved equal

3.16 Cable Splices

Provide fiber optic cable splices and splicing materials for fusion methods at locations shown on the construction drawings. The splice insertion loss shall be <0.05 dB maximum when measured in accordance with TIA-455-78-B using an Optical Time Domain Reflectometer (OTDR). Splices shall be designed for a return loss of 0.25 dB max for single mode fiber when tested in accordance with TIA-455-107. Physically protect each fiber optic splice by a splice kit specially designed for the splice.

Provide fiber optic cable splices and splicing materials for fusion methods at locations shown on the construction drawings. The splice insertion loss shall be <0.02 dB maximum when measured in accordance with TIA-455-78-B using an Optical Time Domain Reflectometer (OTDR). Splices shall be designed for a return loss of 0.25 dB max for single mode fiber when tested in accordance with TIA-455-107. Physically protect each fiber optic splice by a splice kit specially designed for the splice.

Provide a splice organizer suitable for housing fiber optic splices in a neat and orderly fashion. Splice organizer shall allow for a minimum of 1 m 3 feet of fiber for each fiber within the cable to be neatly stored without kinks or twists. Splice organizers shall accommodate individual strain relief for each splice and allow for future maintenance or modification, without damage to the cable or splices. Provide splice organizer hardware,

such as splice trays, protective glass shelves, and shield bond connectors in a splice organizer kit.

Fiber optic splicing shall be in accordance with manufacturer's recommendation and shall exhibit an insertion loss not greater than 0.2 dB for fusion splices. Do not use encapsulating compounds. Flash test using dry nitrogen gas to ensure dry and airtight seals.

3.17 Fiber Optic Termination

Where specified in the drawings fiber optic cable shall be terminated using SC-Duplex APC connectors.

OS2 Fiber Optic Cabling Connectors shall be factory pre-terminated “STUBS”.

Stubs may be factory pre-terminated on both ends with single-mode APC SC type connectors; it is the responsibility of the contractor to verify length. Stubs shall be approved to work with the Commscope OTE terminal/splice system.

Stubs may be factory pre-terminated on one end and the other end field terminated using Singlemode APC SC type connectors or Corning’s NPC+ (No Polish Connector). Stubs shall be approved to work with the Commscope OTE terminal/splice system.

Note: Recommend if the field terminated connector to be installed in the NID and not at the terminal in the handhole.

3.18 Grounding and Bonding

Provide grounding and bonding conductors in accordance with RUS 1755.200, TIA-607, IEEE C2, and NFPA 70 and Solid bare copper wire meeting the requirements of ASTM B1 for sizes No. 8 AWG and smaller and stranded bare copper wire meeting the requirements of ASTM B8, for sizes No. 6 AWG and larger. Insulated conductors shall have 600-volt, Type TW insulation meeting the requirements of UL 83. In underground structures, a bonding ribbon must be installed around the interior of each supporting structure so that splice cases and rack anchors can be bonded. Install a bonding ribbon in each half of two-part MHs. Permanently bond the top and bottom ribbons to the integrated ground system.

Provide grounding braid that provides low electrical impedance connections for dependable shield bonding in accordance with RUS 1755.200. Braid shall be made from flat tin-plated copper.

Provide grounding and bonding in accordance with RUS 1755.200, TIA J-STD-607, IEEE C2, and NFPA 70. Ground exposed noncurrent carrying metallic parts of communications infrastructure, cable sheaths, cable splices, and terminals.

3.19 Labeling and Identification

Conductors shall be in accordance with Section 34-12 of the Standard Specifications, except for the following Labels shall appear every one foot interval. Embossed labels shall be between 0.002" to 0.003" in depth and shall not damage the conductors. Label heights shall be no less than 3/32" for AWG #8 or larger, and shall be no less than 2/32" for AWG #10.

Provide tags for each Communications cable or wire located in maintenance holes, handholes, and vaults. Cable tags shall be polyethylene and labeled in accordance with TIA/EIA-606-A and city cable labeling scheme.

Handwritten labeling is unacceptable. No metal tags.

Provide tags of polyethylene that have an average tensile strength of 3250 pounds per square inch; and that are 0.08 inch thick (minimum), non-corrosive non-conductive; resistive to acids, alkalis, organic solvents, and salt water; and distortion resistant to 170 degrees F. Provide 0.05 inch (minimum) thick black polyethylene tag holder. Provide a one-piece nylon, self-locking tie at each end of the cable tag. Ties shall have a minimum loop tensile strength of 175 pounds. The cable tags shall have black block letters, numbers, and symbols one inch high on a yellow background. Letters, numbers, and symbols shall not fall off or change positions regardless of the cable tags' orientation.

Install cable tags for each Communications cable or wire located in maintenance holes, handholes, and vaults including each splice. Tag new wire and cable provided under this contract and existing wire and cable which are indicated to have splices and terminations provided by this contract. The labeling of Communications cable tag identifiers shall be in accordance with ANSI/EIA-606 and [_____] Labeling Scheme. Do not provide handwritten letters. Install cable tags so that they are clearly visible without disturbing any cable or wiring in the maintenance holes, handholes, and vaults.

Provide laminated plastic nameplates in accordance with ASTM D 709 for each patch panel, protector assembly, rack, cabinet and other equipment or as indicated on the drawings. Each nameplate inscription shall identify the function and, when applicable, the position. Nameplates shall be melamine plastic, 0.125 inch thick, white with black center core. Surface shall be matte finish. Corners shall be square. Accurately align lettering and engrave into the core. Minimum size of nameplates shall be one by 2.5 inches. Lettering shall be a minimum of 0.25-inch-high normal block style.

Provide number, location, and letter designation of nameplates as indicated. Fasten nameplates to the device with a minimum of two sheet-metal screws or two rivets.

Products: As recommended in ANSI/TIA 606. Permanent (i.e. not subject to fading or erasure), permanently affixed, typed, and created by a hand-carried label maker or an approved equivalent software-based label making system. Handwritten labels are not acceptable.

- Hand-carried label maker: Brady: ID Pro Plus (or approved equal).
- Labels: Bradymaker Wire Marking Labels WML-511-292 (or approved equal)

3.20 Field Quality Control

Outside Plant Test Plan: Prepare and provide a complete and detailed test plan for field tests of the outside plant including a complete list of test equipment for the copper conductor and optical fiber cables, components, and accessories for approval by the Resident Engineer and incorporates the following:

Provide the Resident Engineer 10 working day notice prior to each test. Provide labor, equipment, and incidentals required for testing. Correct defective material and workmanship disclosed as the results of the tests. Furnish a signed copy of the test results to the Resident Engineer within 3 working days after the tests for each segment of construction are completed.

Perform testing as construction progresses and do not wait until all construction is complete before starting field tests.

Perform the following tests on cable at the job site before it is removed from the cable reel. For cables with factory installed pulling eyes, these tests shall be performed at the factory and certified test results shall accompany the cable.

Perform capacitance tests on at least 10 percent of the pairs within a cable to determine if cable capacitance is within the limits specified.

Perform DC-loop resistance on at least 10 percent of the pairs within a cable to determine if DC-loop resistance is within the manufacturer's calculated resistance.

Provide results of pre-installation tests to the Resident Engineer at least 5 working days before installation is to start. Results shall indicate reel number of the cable, manufacturer, size of cable, pairs tested, and recorded readings. When pre-installation tests indicate that cable does not meet specifications, remove cable from the job site.

3.21 Tests, Inspections, and Verification

OTDR traces will be taken in both directions at 1310 nm and 1550 nm for all circuits less than 50 Km. For circuits over 50 Km we take OTDR traces at 1550 nm. All circuits will be shot with a launch cable with a minimum length of .5 Km. These traces will be reviewed before the circuit is handed off. For a circuit to be handed off it must comply with the specifications for splice, reflectance and span attenuation.

Splice Loss Specifications

Pig Tail - < .5 per connector or 1.0 per jumper

For values greater than this, the splice will be broken and re-spliced until an acceptable loss value is achieved. If, after three attempts is not able to produce a loss value less than 0.50 dB, the splice will be marked as Out-of-Spec ("OOS") on the OTDR report.

Splice Point - Bi-directional average loss of 0.15 dB or less.
The objective for each splice is a loss of 0.15 dB or less. If, after three attempts, we are not able to produce a loss value of less than 0.15 dB, then 0.25 dB will be acceptable. If, after two additional attempts, a value of less than 0.25 dB is not achievable, then the splice will be marked as OOS

Splice Point - Uni-directional OTDR testing, the objective for each splice is a loss of 0.15 dB or less. If, after three attempts, we are not able to produce a loss value of less than 0.15 dB, then 0.25 dB will be acceptable.

Connector Reflectance

Reflectance at jumper – Will be less than -40dB, we will work to achieve less than -40dB by cleaning & polishing fiber tips and/or fiber jumpers or provide alternative fiber strands that achieve results less than -40dB. If we are unable to do so after 3 attempts, the port will be marked as OOS.

Total loss for a circuit

Attenuation due to distance
At 1310nm: (0.40 dB/km x km of cable)
At 1550nm: (0.30 dB/km x km of cable)

Average Splice Loss per circuit
The standard for each fiber within a span shall be an average bi-directional loss of 0.10 dB or less for each splice. For example, if a given span has 10 splices, each flow shall have total bi-directional loss (due to the 10 splices) of 1.0 dB or less. Each individual splice may have a bi-directional loss of 0.15 dB or less, but the average bi-directional splice loss across the span must be 0.10 dB or less.

Acceptable Total loss per circuit will be calculated with the following formula:

At 1310nm: (0.40 dB/km x km of cable) + (number of connectors x 0.5 dB) + (0.10 dB x number of splices).
At 1550nm: (0.30 dB/km x km of cable) + (number of connectors x 0.5 dB) + (0.10 dB x number of splices).

Mass Fusion Splicing

Ribbon Fiber Bi-directional Splice Loss Standards

Fiber Type	Splicing Method	Splice Loss (dB)
Standard Single Mode	Mass fusion splicing	0.20 dB
Non-zero Dispersion-shifted	Mass fusion splicing	0.25 dB

In the event that the splice loss values listed cannot be achieved by at least 66% (8 out of the 12) of the fibers in the ribbon, the ribbon containing the OOS fiber(s) will be broken and re-spliced. The re-splice procedure and acceptable values are listed in the table below. Ribbons containing any splices above a 1.0 dB loss will be broken and re-spliced.

Mass Fusion Re-splice Acceptance

Ribbon Fiber	Standard Single Mode	Non-zero Dispersion Shifted
Acceptance Criteria	0.20 dB	0.25 dB
After 3 attempts	0.30 dB	0.35 dB
After 2 additional attempts	0.40 dB	0.50 dB

Note:
Five (5) attempts are to be performed and all non-successful splices will be recorded and marked as OSS.

4. ELECTRICAL PROVISIONS WHICH APPLY TO ALL ELECTRICAL ITEMS

4.1 Conduit Material

JM Eagle and PW Eagle are not acceptable conduit materials.

A. General – Schedule 40

Conduit to be installed underground shall be Schedule 40 polyvinyl chloride (PVC) or Schedule 40 polyethylene conduit as described herein unless otherwise indicated or

specified. PVC conduit shall comply with the specifications in Section 34-11 of the City Standard Specifications. High-density polyethylene conduit shall comply with the following specifications:

Conduit shall be fabricated from polyethylene shall be in conformance with applicable ASTM and NEMA standards and Article 347 of the National Electrical Code. Non-black polyethylene conduit shall contain not less than 2500 parts per million (ppm) of a hindered amain ultraviolet light stabilizer. Ultraviolet stabilization additive for black polyethylene conduit shall consist of a carbon black loading of 2.5% ± 0.5% by weight.

Conduit shall be manufactured from high-density polyethylene resin designated as Type III, Category 5, Class C, Grade P34 material in accordance with ASTM D1248.

Duct seal shall be installed on all conduits.

All new conduits starting/terminating in pull boxes shall have End Bells.

B. High Density Polyethylene (HDPE) Conduit

HDPE conduit shall be manufactured to UL 651A specifications, compliant with NEC Article 353, and Schedule 40, unless otherwise specified. HDPE conduit shall have high tensile strength-to-weight ratio, crush resistance, low coefficient of friction for directional drilling.

4.2 Conduit Installation

Revised 2025: Conduit installation shall be in accordance with Section 34-11 and Section 13 of the Standard Specifications and all Addendums.

www.cityofsacramento.gov/utilities/development-standards

“Jet-rodding” is not permitted.

Conduits terminating in pull boxes, standards, pedestals and cabinets shall rise vertically and shall not slope in any direction. Conduits terminating in standards, pedestals, and cabinets shall terminate one and one-half inches (1½") above finished grade. Conduits shown on the Plans to be adjacent and parallel to each other shall be installed in the same trench or drill hole unless otherwise specified or directed by the Engineer. Under the sidewalk, conduit shall be laid to a depth of not less than eighteen inches (18”) below the sidewalk grade.

Conduits shall be installed by trenching or directional drilling method.

All applicable requirements in these Special Provisions to locate, and to protect existing utilities, utility laterals, obstructions, and other facilities in the area shall be conformed to and no additional compensation will be allowed therefor. Contractor is responsible for any damage and the repair of any existing facilities damaged by his/her trenching or drilling operations. Contractor is responsible for any potholing necessary and cost for potholing shall also be included in price paid for applicable items of work and no additional compensation will be allowed therefor. All trenching or drilling work shall be contained within the City right-of-way. If utilities or other obstacles are encountered at the specified conduit depth, any additional drilling required to avoid the obstacle shall be made at the Contractor's expense and no additional compensation will be allowed therefor. Location of trenching and drill holes shall take into consideration minimal impact to the street pavement while still meeting the requirements of these Special Provisions.

Contractor shall replace roadway striping and markings with same material if damaged by directional drilling, bore pits, potholes, or trenching. Replacement striping and markings shall be thermoplastic or paint, per the City of Sacramento Standards.

Contractor shall use the following PVC pipe cement to join conduits and fittings: Premier Cement PVC All Temperature One Step Blue or Christy's Red Hot Blue Glue for Schedule 80 thru 4" diameter.

A. Trenching Method

Installation of conduit by trenching shall be in conformance with the Plans and Special Provisions and all Addendums. Trenches shall be backfilled or covered at the end of each work day. All conduit installed by trenching shall be anchored every 15 feet to the bottom with an approved method to prevent the conduit from floating when the concrete is backfilled into the trench.

Trenches in roadways shall be backfilled with 3 Sack Slurry Cement Backfill as defined in Section 10 of these Standard Specifications. A red oxide in the amount of 5 lbs. per cubic yard shall be mixed uniformly throughout the slurry cement.

Trench shall not exceed six inches (6") in width. The top of the installed conduit shall be a minimum of twenty-four inches (24") below finish grade.

The trenching machine shall be shielded to prevent loose material from being thrown away from the machine. Loose material deposited on the pavement behind the cutting machine shall be removed from the pavement immediately and the pavement cleared to allow the passage of traffic. Only those traffic lanes occupied by the cutting machine and the cleanup operation shall be closed and they shall be opened as soon as the work has moved sufficiently to clear them.

Excavation and installation of conduit and concrete backfill shall be completed within the same working day. Asphalt concrete backfill shall be completed within twenty-four (24) hours after excavation of trench.

B. Directional Drilling Method

Conduits shall be installed such that the top of the conduit(s) are not less than eighteen inches (18”) below the finished grade in sidewalk areas and not less than thirty inches (30”) in all other areas except as otherwise specified or directed by the Engineer.

Prior to the start of directional drilling, the Contractor shall submit a plan which identifies location and size of proposed drill holes, describes process for identifying/locating existing utility services and other underground utilities or obstructions, identifies a proposed “drilling corridor” to avoid conflicts with existing utilities, services and other facilities. This plan shall be submitted to the Engineer a minimum of ten (10) working days prior to the start of work. The Contractor will not be allowed to directional drill until an approved plan is on file with the Engineer.

Directional drilling shall be performed by the technique of creating and directing a bore hole along a predetermined path to a specified targeted location where indicated on the plans to install conduits. The technique shall involve the use of mechanical and hydraulic equipment to change the boring course and shall use instrumentation to monitor the location and orientation of the boring head assembly along the predetermined course. Drilling shall be accomplished with fluid-assisted mechanical cutting. Unless otherwise approved, boring fluids shall be a mixture of bentonite and water or polymers and additives. Bentonite sealants and water will be used to lubricate the drilling head. It is mandatory that minimum pressures and flow rates be used during drilling operations so as not to fracture the subgrade material around and/or above the bore. Uncontrolled jetting (where the primary purpose is to use fluid force to erode soil for creation of the final bore hold diameter) is prohibited. The drilling system shall utilize small-diameter fluid jets to fracture, and mechanical cutters to cut and excavate the soil as the head advances forward.

All drilling shall be located a minimum of three feet (3’) from the center of all existing maintenance holes. Drilling that run parallel to any sanitary sewer or storm drainage lines shall maintain a minimum clearance of three feet (3’) measured from the centerline of the sewer or drainage line to the adjacent side of the drill hole. Drilling that crosses any sewer or drainage line shall cross 34-11 at 90 degrees to the line or at a minimum of 45 degrees if a 90 degree crossing is not possible.

Each bore pit shall be restored to original roadway conditions.

4.3 Pull Boxes

Shall be in accordance with Section 34-12 of the Standard Specifications, except for the following:

a. All new pull boxes shall be set in place prior to pouring any new sidewalk.

b. Existing pull boxes damaged by the installation of new conduits shall be removed and replaced at the Contractor's expense as directed by the Engineer.

c. All pull boxes shall be placed in sidewalk areas unless otherwise specified on the plans or directed by the Engineer, and shall not be placed in driveways, in vehicular traveled lanes, or in any part of the new sidewalk handicap ramp areas. Unless otherwise specified, pull boxes shall be placed a minimum of 5 feet from existing driveways.

d. Contractor shall cut, remove and replace the concrete to the nearest joint when installing new pull boxes.

e. New pull boxes shall have a minimum of 6” of new concrete around all sides in sidewalks.

f. For pull boxes to be removed, holes or depressions resulting from the removed pull box shall be filled, compacted, brought to grade, and filled to match surrounding materials.

g. Pull boxes shall be placed as shown according to the details shown on the Plans and according to these Special Provisions.

h. Install pull box on top of crushed rock foundation. Adjust pull box to grade. The crushed rock foundation shall have a minimum of 12” in depth and continue to extend a minimum of 6” beyond the outside edge of the pull box. Compact crushed rock while maintaining integrity of conduit. Conduit and pull boxes shall not be damaged nor cracked.

i. In instances where the pull box is installed in a planter box or dirt areas, the pull box shall be set to grade with a concrete ring, as shown in the standard detail drawings.

Locking Pull Box Security Lids for Street Lighting

1. No locking Security Lids shall be use on Pull Boxes containing traffic signal wiring.
2. All No. 5 and No. 6 Pull Boxes containing street light wiring shall have steel security lids with locking key bolts.
3. Security Bolts shall be Bryce Fastener #50 Penta-Plus approved equal.
4. Security Keys shall be Bryce Fastener 1GBP50 or approved equal.
5. Lid shall be ¼" thick minimum galvanized steel.
6. Lid shall be manufactured with slip resistant surface.
7. Lid shall be non-traffic rated, unless otherwise specified.
8. Lid shall be equipped with a lock mechanism which can be secured from the top of lid.
9. Lock bolt shall be recessed in 1 inch diameter circle
10. Lid shall be flush with top of pull box when the lid is completely secured and locked to the pull box.
11. No. 5 pull boxes shall have a single cam locking system, or approved equal.
12. No. 6 pull boxes shall have a double cam locking system, or approved equal.
13. Lid shall have a grounding lug.
14. Supply five sets of keys for the locks.
15. Supply two sets of lifting tools for the lid.
16. Lid shall be free of scratches, defects, and debris. Provided Lids shall be installed new.
17. Pull Box Lid shall be manufactured by LockLid Secure Utility Enclosure Lids manufactured by Jensen MetalTech or approved equal. Approved equal includes Sipra Corp and Wesco Mr Steel.
    - #5 PB - Locklid 1324 Lid LL K-S TrxPlt Sac Glv;
    - #6 PB – LockLid 1730 Lid LL K-SD TrxPlt Sac Glv).
    - #5 PB Sipra Corp's Lockjaw! Security lids
    - #6 PB Sipra Corp's Lockjaw! Security lids
    - #5 PB WESCO's Mr. Steel Security Security lids
    - #6 PB WESCO's Mr. Steel Security Security lids
18. A steel welding plug shall be provided by the manufacturer to be inserted into the 1 inch diameter recessed lock

APPENDIX D

Labor Compliance Requirements for This Project

By submitting a bid for this project, you are agreeing to comply with the City's Labor Compliance Program

LABOR COMPLIANCE REQUIREMENTS

A summary of the labor compliance requirements will be presented at the labor compliance meeting. However, please read the attached documents relating to the labor compliance requirements and expectations for this project. For any questions regarding these requirements, please contact Raquel Gonzalez at RAGonzalez@cityofsacramento.org.

Each contractor and subcontractor (at all levels/tiers) is required to submit certified payrolls and labor compliance documentation electronically at the discretion of and in the manner specified by, the City of Sacramento.

Electronic submittal will be through a web-based system, accessed on the World Wide Web by a web browser. Each contractor and subcontractor will be given a Log On identification and password to access the City of Sacramento reporting system, currently LCPTracker.

Use of the system may entail additional data entry of weekly payroll information including; employee identification, labor classification, total hours worked and hours worked on this project, wage and benefit rates paid, etc. The contractor's payroll and accounting software may be capable of generating a 'comma delimited file' that will interface with the software. If the 'comma delimited file' option does not work, it is still the responsibility of the contractor and subcontractors to manually enter their data into LCPtracker, meeting the required deadlines for those documents.

This requirement 'flows down' to every lower-tier subcontractor and vendor required to provide labor compliance documentation.

City of SACRAMENTO

LABOR COMPLIANCE HANDBOOK 2023

Revised 10/16 /2018

City of SACRAMENTO

Introduction

Contractors who are awarded contracts on City of Sacramento public works projects are subject to State and Federal Laws and regulations governing the payment and reporting of wages, the use of apprentices, and other applicable labor standards provisions. The City of Sacramento monitors prime contractors' and subcontractors' compliance with labor standards by collecting certified payroll records; conducting on-site interviews of works at the construction sites; when appropriate, audits of contractors' records; and engaging in other activities, as necessary, to ensure labor compliance. Labor Compliance officers make preconstruction presentations to inform contractors of their obligations to comply with labor standards provisions.

Electronic web submittals of labor compliance documents are effective as of May 1, 2007. Each contractor and every lower tier sub-contractor are required to submit labor compliance documents electronically at the discretion of the City of Sacramento utilizing LCPtracker.net.

CITY OF SACRAMENTO
DEPT OF PUBLIC WORKS
ENGINEERING SERVICES
LABOR COMPLIANCE STAFF

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Labor Compliance Requirements

(Prevailing Wage, SB 854, AB219, Etc.)

SB 854, a budget trailer bill that was signed into law on June 20, 2014, and became effective immediately, made several significant changes to laws pertaining to the administration and enforcement of prevailing wage requirements by the Department of Industrial Relations (DIR). Among other things, SB 854 established a new public works contractor registration program to replace prior Compliance Monitoring Unit (CMU) and Labor Compliance Program (LCP) requirements for bond-funded and other specified public works projects. The fees collected through this new program will be used to fund all of DIR's public works activities, including compliance monitoring and enforcement, the determination of prevailing wage rates, public works coverage determinations, and hearing enforcement appeals.

Labor Code Section 1725.5 (enacted by SB 854) requires all contractors bidding on this contract, all subcontractors listed in a bid for this contract, and any contractor or subcontractor performing any work under this contract, to be currently registered with the California Department of Industrial Relations (DIR), as specified in Labor Code Section 1725.5. Labor Code Section 1771.1 (enacted by SB 854) provides that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal (subject to the requirements of Section 4104 of the Public Contract Code), or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5. Every bidding contractor shall list the contractor's current DIR registration number, and the current DIR registration number of all listed subcontractors, on the Subcontractor and Local Business Enterprise (LBE) Participation Verification Form included in the contractor's bid.

SB 854 – Important Information for Contractors

- **No contractor or subcontractor** may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) **unless registered** with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].
- No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.
- This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.
- The prime contractor must post job site notices prescribed by regulation. (*See* 8 Calif. Code Reg. §16451(d) for the notice that previously was required for projects monitored by the CMU (Compliance Monitoring Unit.)

Essentials of public works contractor registration program:

- Contractors will be subject to a registration and annual renewal fee that has been set initially at $400. The fee is non-refundable and applies to all contractors and subcontractors who intend to bid or perform work on public works projects (as defined under the Labor Code).
- Contractors will apply and pay the fee online and must meet minimum qualifications to be registered as eligible to bid and work on public works projects:
- Must have workers' compensation coverage for any employees and only use subcontractors who are registered public works contractors.
- Must have Contractors State License Board license if applicable to trade.
- Must have no delinquent unpaid wage or penalty assessments owed to any employee or enforcement agency.
- Must not be under federal or state debarment.
- Must not be in prior violation of this registration requirement once it becomes effective. However, for the first violation in a 12-month period, a contractor may still qualify for registration by paying an additional penalty.
- The registration fee is not related to any project. It is more like a license that enables the

registrant to bid on and perform public works.

- Additionally, **all contractors and subcontractors must furnish electronic certified payroll records directly to the Labor Commissioner** (aka Division of Labor Standards Enforcement). The phase-in timetable for this requirement can be found on the following link at http://www.dir.ca.gov/Public- Works/SB854.html *(also for all SB854 related information).*

Concrete Delivery Legislation (AB 219) Fact Sheet

Assembly Bill 219 (Daly, Chapter 739, Statutes of 2015) adds Section 1720.9 to the Labor Code. This bill expands the definition of public works under the California Prevailing Wage Law to include:

> …the hauling and delivery of ready-mixed concrete to carry out a public works, contract, with respect to contracts involving any state agency, including the California State University and the University of California, or any political subdivision of the state.

Section 1720.9 defines the term ready-mixed concrete and specifies that the rate of pay shall be the current prevailing wage "for the geographical area in which the factory or batching plant is located" as determined by the Department of Industrial Relations. The statute also requires a written agreement between the party hauling or delivering ready-mixed concrete and the party that engaged its services. The agreement must specify compliance with the Prevailing Wage Law.

Finally, section 1720.0 requires that the hauling or delivery company provide certified payroll records under Labor Code section 1776(a) to the party that engaged its services and to the general contractor within five working days after the employee has been paid, accompanied by a written time record. The time record must be certified by each driver for the performance of job duties.

The amendments do not apply to public works contracts that were advertised for bid or awarded prior to July 1, 2016.

Registration with the Department of Industrial Relations

Ready-mix haulers and companies that deliver ready-mixed concrete for public works projects are considered subcontractors under Labor Code section 1722.1 and must register with the Department of Industrial Relations as specified in Labor Code section 1725.5. A Contractors State License Board license is not required to register with DIR or to work on a public works project (contractors working in a trade that is subject to licensing by the CSLB will still be subject to CSLB licensing requirements).

Suppliers and other trucking companies will need to provide a Public Utilities Commission license number, U.S. Department of Transportation license number, and any other state or federal license, if one is required for your business. If none of these apply, the supplier can register with DIR by selecting other in the license type menu and entering N/A for not applicable in the license number field.

Prevailing Wage Requirements (except from Sacramento City Code 3.60.180)

Every contract for any construction project, as defined in Section 1782 of the California Labor Code, to be performed within the state at the expense of the city, or paid out of city moneys, whether such work be done directly under contract award, or indirectly by or under subcontract, sub partnership, day labor, station work, piece work, or by any other arrangement whatsoever, must provide, in addition to other provisions required by law, that any person performing labor in the state in execution of such contracts, subcontract, sub partnership, day labor, station labor, piece work or any other arrangement shall be paid not less than the general prevailing rate of wages in private employment for similar work in the city; provided, however, that the foregoing provisions as to payment of the general prevailing rate of wages shall not apply to: (a) contracts for any construction project originally awarded or executed in an amount of twenty-five thousand dollars (**$25,000.00**) **or less**; (b) contracts for any **alteration, demolition, repair, or maintenance work** originally awarded or executed in an amount of fifteen thousand dollars (**$15,000**) **or less**; (c) materials for which no manufacturing plant exists in the city; or (d) standard materials or commodities carried in stock by dealers or manufacturers generally.

The general prevailing rate of wages shall be the general prevailing rate of wages for the area in which the city is located as determined by the director of the Department of Industrial Relations pursuant to Labor Code Section 1773. Every contract for which the payment of the general prevailing rate of wages is required shall provide that the determination of the director of the Department of Industrial Relations in force at the time the notice to bidders is published with respect to the general prevailing rate of wages in private employment in the city for similar work shall be binding upon the parties any contract awarded as a result of such notice.

For more details, please refer to the applicable statutes and regulations regarding the payment of prevailing wages and General Prevailing Wage Determination(s) including the footnotes. Such information is available on the Department of Industrial Relations' website at http://www.dir.ca.gov/. Frequently asked questions can be found on the following link at: http://www.dir.ca.gov/OPRL/FAQ_PrevailingWage.html.

These new requirements will apply to all public works that are subject to the prevailing wage requirements of the Labor Code, without regard to funding source.
Please refer to http://www.dir.ca.gov/ *for general requirements by DIR (Department of Industrial Relations in the State of California).* ***For additional information about public works requirements, please visit the public works section at*** http://www.dir.ca.gov/Public-Works/PublicWorks.html***.***

California Wage Determinations

Website
The State Wage Determination can be found on-line by accessing the following web site:
http://www.dir.ca.gov/OPRL/pwd/

For additional information you may contact: **Division of Labor Statistics and Research (DLSR) (415) 703-4774.**

The State Wage Determinations list the basic crafts, (operating engineers, carpenters, laborers, etc.) by location; most sub trades (electricians, plumbers, etc.) are by county *(In the event of multiple funding sources, a comparison of the state and federal determination must be made, and the higher wage rate must be applied.)*

Issue Date:
The State Wage Determinations are published twice a year; approximately **February 22** and **August 22**, to reflect updated wage increases incurred. Please be cognizant that increase dates do vary.

Single Asterisk * (Good for life of project)
Example: Expiration Date of Determination: June 27, 2008*

*Effective until superseded by new determination issued by the Director of Industrial Relations. Contact Division of Labor Statistics and Research (415) 703-4774 for new rates after 10 days from the expiration date if no subsequent determination is issued.

Double Asterisks ** (Indicates expiration date & a wage or fringe benefit increase)
Example: Expiration Date of Determination: June 30, 2009**

** The rate to be paid for work performed after this date has been determined. **If work will extend past this expiration date, the new rate must be paid** and should be incorporated in contracts entered into now. Contact Division of Labor Statistics and Research (415) 703-4774.

On-Site Posting Required
All contractors must post a copy of the applicable State Wage Determinations and Labor Compliance Contacts sheet provided at the preconstruction meeting.

Federal Wage Determinations

Web Site
The Federal Wage Determinations can be found on-line by accessing the following web site: http://www.wdol.gov. **Applicable Federal Wage Determinations are included in your contract.**

The Davis-Bacon Act (DBA) requires the payment of prevailing wage rates (which are determined by the US Department of Labor) to all workers employed in the execution of the contract on federally funded construction projects. In the event of multiple funding sources, a comparison of the state and federal determination must be made, and the higher wage rate must be applied.
https://www.dol.gov/compliance/guide/dbra.htm

Publication Date
There is no set date that the Federal Wage Determination is published; it is modified as needed.

Good for the Life of the Project
The applicable Federal Wage Determination is good for the life of the project.

On-Site Posting Required
All contractors must post a copy of the applicable Federal Wage Determination and the WH-1321 “Employee Rights Under the Davis-Bacon Act” poster that is provided at the preconstruction meeting.
https://www.dol.gov/compliance/guide/dbra.htm

Sole Proprietors

Are sole proprietor contractors required by law to pay prevailing wages and submit eCPRs for work done on public works projects?
Sole proprietorship and general partnership companies without employees are required to pay themselves prevailing wages, in accordance with Labor Code section 1774 that states that all workers must be paid prevailing wages. If the worker is also the employer and sole proprietor for whom no payroll exists, the owner should submit eCPRs and must show that that the rate of pay is at or above the required prevailing wage. (The courts have ruled that sole owner companies cannot pay less than the prevailing wages. As such, any contract that is entered into that undercuts the labor component is unlawful.)

What if the company hasn't hired any workers yet, so the owner does all the work? What if the company has employees, but the owner/partner/corporate officer does some work as well?
In the first situation, treat the business as if it were a sole proprietorship and do as explained in the following question. In the second situation, you must first determine if the work done by the owner/partner/officer falls into the category of prevailing wage work. If the work was prevailing wage work, then do as listed below assuming the worker is the owner. In the situations that the worker is the corporate officer who receive a fixed salary, you should annualize the salary to calculate the hourly rate. In the events that the hourly rate is less than the prevailing wage rate, the worker should receive the additional payment to meet the required amount.

As a sole proprietor, how do I calculate my pay rate?
You should divide your profit before labor costs (i.e., the amount of contract less fixed cost and variable costs) by the total number of hours you worked on the public works site. Please note that if your labor profit goes below the prevailing wage rate, you could be subject to public works penalties for failing to pay the correct prevailing wage rate. You need to attest under penalty of perjury that you are at or above the required prevailing wage rate for the craft/classification worked.

Do I have to issue myself a paycheck?
An individual who performs skilled or unskilled labor on a public works project is entitled to be paid the applicable prevailing wage rate for the time the work is performed, regardless of whether the individual holds a particular status such as partner, owner, owner-operator, independent contractor or sole proprietor, or holds a particular title with the employer such as president, vice-president, superintendent or foreman. In accordance with Labor Code 1774, the contractor to whom the contract is awarded, and any subcontractor under him, shall pay not less than the specified prevailing rates of wages to all workmen employed in the execution of the contract.

What happens if I lose money on the job?
The courts have held that sole proprietors cannot undercut labor costs in order to get a public works project. This would be out of compliance with public works laws and would give an unfair advantage to businesses that have no employees.

What if I do not have employees or a FEIN number?
You will need to use your social security number in order to report your hours in the DIR's online eCPR system.

Am I subject to payroll taxes?
No, as a sole proprietor, you are not subject to payroll taxes, but you may be subject to income taxes.

Do I have to employ apprentices?
Generally speaking, yes. However, the exemptions to employ apprentices are listed below.

- Labor Code 1777.5 does not apply to general contractors whose contract is under $30,000.
- When the craft or trade is not apprenticeable.
- When the contractor holds a sole proprietor license and no workers were employed by the contractor. In other words, the contractor performed the entire work from start to finish and worked alone.

- When the project is a federal project and the funding of the project does not contain any city, county, and/or state monies unless the project is administered by a state agency in which case the apprenticeship requirements apply.
- When the project is a private project not covered by the definition of public works as found in Labor Code section 1720.

Prevailing Wage Questions and Answers Regarding Off- Site Hauling

Q. Will the new Driver (On/Off Hauling To/From Construction Site) rates replace the Teamster (construction site) rates and the superseded six county Driver determinations as the default rate for off the site hauling as of March 4, 2009?

A. Yes. In the absence of trucking rates for other types of materials or for different types of trucks involving On/Off Hauling To/From the Construction site, the off-the-site rates apply. For covered work that was advertised for bid prior to March 4, 2009, the on-site rate will apply except for the six counties that had an off- site rate (Labor Code section 1773.6). The new On/Off Hauling rates are not applicable to projects advertised for bids prior to March 4, 2009.

The date of notice or call for bids also referred to as the bid advertisement date is defined as the date the first notice inviting bids was published in a newspaper of general circulation or promulgated in a legally sufficient manner which results in a contract being awarded with or without competitive bidding (Title 8, California Code of Regulations section 16000).

Q. Will the Driver (On/Off Hauling To/From Construction Site) rates apply to truck drivers operating trucks in addition to dump trucks and ready-mix trucks?

A. Yes. The dump truck rates at their minimums will apply to other types of trucks performing off-the-site hauling (to or from a construction site) except for ready mix trucks which have their own prevailing wage determination.

Q. Will the Driver (On/Off Hauling To/From Construction Site) rates apply to drivers when they perform hauling to or away from the job site while working for an on-site contractor?

A. Yes. The off-site hauling rate(s) is the minimum rate of pay required for this type of work. In support of the off-site rate being paid, contractors are required to maintain documentation including the hours worked for each worker regarding the craft, classification or type of work being performed.

Q. What rate (the on-site or the off-site) applies to drivers who pick up materials from a dedicated material supply source that was specified in the construction contract documents?

A. This question will require the Director to determine coverage of the work and the appropriate rate to be paid based on specific facts and circumstances such as the actual location of the dedicated facility and other relevant information. At this time, it is not possible to answer this question in a general manner.

Q. Will the Driver (On/Off Hauling To/From Construction Site) rate(s) apply to drivers who haul refuse from the construction site?

A. Yes. The Driver (On/Off Hauling To/From Construction Site) rate(s) will apply to drivers who haul refuse away from the construction site. See Labor Code section 1720.3; PW Case 2006-017, Off-hauling of Contaminated and Clean Soil - Long Beach Unified School District, Avalon School, (6/26/07), (explaining that off-haul of contaminated soil to a land fill is covered public work under Labor Code section 1720.3); Public Works Case No. 2008-027, On-Haul and Off-Haul to and from the Friendly Senior Center-Abatement and Demolition Project-City of Morgan Hill (10/31/08).

Q. What rate (on-site or off-site) applies to a driver who performs off-the-site hauling for:

- 1. Material supply company?
- 2. For-hire trucking company?
- 3. A construction company who also operates a legally separate and independent material supply company and does not interchange the drivers between the two companies?

A. The answer to all the questions above is the off-site rate but only when the work itself is covered.

Q. What rate (the on-site or the off-site) applies when a driver who works for a construction company who uses the same driver to haul material on the site of construction and also perform work off the site that is covered by prevailing wages?

A. The off-site rate will be the minimum rate of pay for workers employed by contractors and subcontractors when those workers are performing covered off-site work. The on-site activities by these workers would require the on-site rate.

Q. Do the dump truck rates apply to all trucks delivering or picking up materials to and from a construction site irrespective of their size or tonnage, or the material being hauled or the type of truck?

A. The answer is yes until rates for these other types of trucks or sizes or types of material differentials are published as prevailing. Note that mixer truck has its own prevailing wage rate.

Q. What location determines the appropriate rate of pay (job site, material supply source, off-the-site delivery point, employer's off-the-site yard or shop, etc.)?

A. The geographic location of the covered job site determines the county or area rate to be applied.

Q. Does the geographic location of the job site prevail when the driver drives through different counties with different rates?

A. Yes. The rate is determined by the location of the job site.

Q. What Prevailing Wage Rate applies when the driver picks up material from a covered job site in one county and delivers it to another covered job site that has a different county rate?

A. The employer should pay the off-site rate required by the job site where the public works construction contract requires the removal of the material (originating site) to be delivered to the second covered site.

Q. Is an employee driving for an intrastate or interstate trucking company entitled to prevailing wages when performing covered work?

A. Yes. Such drivers are subject to all the prevailing wage requirements including the overtime rates. The Prevailing Wage determinations set forth the overtime rates and requirements but only when the work itself is deemed to be covered. Wage and hour exemptions that may be otherwise applicable are not available for covered public works.

Q. May an employer pay more than the indicated health & welfare, pension, vacation & holiday rates and other such employer payments?

A. Yes, the employer may pay higher rates. The prevailing wage rates are minimums. The employer may pay lower benefit rates than indicated on the determination and transfer the difference to the basic hourly rate. In no case can the total compensation be less than the total hourly rate which includes the total of the basic hourly rate and the employer payments (Labor Code sections 1771 and 1774). There are two caveats: (1) The employer may not pay less than the specified published basic hourly rate (the wage rate). (2) The other employer payments must be legitimate meaning that they must be irrevocably paid to third person or trustee pursuant to a plan, fund or program for the benefit of the employee (Labor Code section 1773.1).

http://www.dir.ca.gov/OPRL/FAQ_Hauling.html

Apprentice Requirements for Public Work Projects

California Labor Code Section 1777.5 requires all public works contractors and subcontractors to:

1. Submit contract award information (DAS140)
2. Employ registered apprentices (DAS142)
3. Make training fund contributions (CAC2)

Submit contract award information (DAS140)

If you are a contractor already approved to train apprentices (a member of a DAS recognized Apprenticeship Committee:
"Contractors who are already approved to train apprentices must provide contract award information to the apprenticeship committee for each applicable apprenticeable craft or trade that has approved the contractor in the area of the site of the of the public works project." The Contract Award Information must be in writing and submitted to the applicable committee(s) within 10 days of the date of the prime or subcontract but in no event later than the first day the contractor has workers employed on the public works project. You may use form DAS 140 for this purpose. This is simply a notification of award; it is not automatically a request for dispatch of a registered apprentice. All notice of awards must be in writing and sent by first class mail, fax or email. Proof of submission is required by the City of Sacramento (certified mail receipt, fax receipt or read receipt.)

If you are not already approved to train by an Apprenticeship Committee:
Contractors not already approved to train apprentices must submit Contract Award Information (DAS 140) to **every** apprenticeship program in the geographic area of the public works project, **for each craft you intend to employ on the project.** You can determine which apprenticeship programs are approved in specific geographic locations by clicking on the following link:
http://www.dir.ca.gov/databases/das/pwaddrstart.asp

The Contract Award Information must be in writing and submitted to the applicable committee(s) within 10 days of the date of the prime or subcontract but in no event later than the first day the contractor has workers employed on the public works project. This is simply a notification of award; it is not automatically a request for dispatch of a registered apprentice.

Request and Employ registered apprentices (DAS142)

Ratio: A contractor on a public works project must employ one (1) hour of apprentice work for every five (5) hours performed by a journeyman. Title 8 California Code of Regulations, Section 230.1. for each separate craft at the end of a project. Please check the DAS Important notices to determine if any exemptions exist for your craft or trade. http://www.dir.ca.gov/DAS/PublicWorksForms.htm

Can I mix and match crafts to reach the minimum ratio?
No. The minimum ratio requirement is per each individual craft and only includes straight time hours.

Do overtime hours count toward the minimum ratio?
No, only straight time hours count. Be careful not to confuse premium pay with overtime pay.

What is the maximum number of apprentices I can use on a Public Works Project?
It depends on which box you have checked on your DAS 140. If you checked box 1 or 2 and fall under the regulations set forth in a specific program's standards, then you are allowed to use the maximum ratio set forth in those Standards. If you have checked box 3 and agreed to be governed by the regulations set forth by the California Apprenticeship Council, then the minimum and maximum ratio is the same: 1 apprentice hourfor every 5 journeyman hours totaled at the end of the project.

I am a contractor who is approved to train by an approved program and am covered by their Standards, or I am a contractor who has agreed to be covered by a program's Standards for a single project. How do I know what the Standards allow for that program's maximum apprentice ratios? You can ask the program for a copy of their Standards or a copy of the language in Article XV which covers ratios. Or you can call the DAS office nearest the location for that program and request the same.

All contractors must request dispatch of an apprentice from an apprenticeship program (for each apprenticeable craft or trade) by giving the program actual notice of at least 72 hours (excluding Saturdays, Sundays and Holidays) before the date on which apprentices are required. A DAS 142 form is provided for this purpose. All requests for dispatch must be in writing and sent by first class mail, fax or email. Proof of submission is required by the City of Sacramento (certified mail receipt, fax receipt or read receipt.)

Contractors who do not receive a sufficient number of apprentices from their initial request, must request dispatch apprentices from all other apprenticeship committees, if more than one exists in the area of the public works project.

To determine which apprenticeship programs are approved for your craft or trade in a specific geographic location:

1. Contact the DAS District office whose assigned geographic areas of responsibility cover the county/ies in which the public works project is located.
2. Visit Apprenticeship Programs Information Guide - Public Works Search

http://www.dir.ca.gov/Databases/das/pwaddrstart.asp

Make Training Fund Contributions

Contractors who are awarded public works jobs must make training fund contributions in the amount established in the prevailing wage rate publication for journeymen and apprentices. This nominal fee contributes to the assurance that new apprentices coming into the craft will be guaranteed the highest level of training and as skilled craftsmen retire, the trade will survive.

Contractors who contribute to an apprenticeship program are entitled to a full credit in the amount of those contributions. Contractors who do not contribute to an apprenticeship program must submit their contributions to the California Apprenticeship Council, P. O. Box 511283, Los Angeles, California 90051-7838.

Training fund contributions to the Council are due and payable on the 15th day of the month for work performed during the preceding month. The contribution should be paid by check and be accompanied be a completed CAC2 Form that contains the following information:

1. The name, address and telephone number of the contractor making the contribution.
2. The contractor's license number.
3. The name and address of the public agency that awarded the contract.
4. The jobsite location, including the county where the work was performed.
5. The contract or project number.
6. The time period covered by the enclosed contributions.
7. The contribution rate and total hours worked by apprenticeable occupation.
8. The name of the program(s) that provide apprentices, if any.
9. The number of apprentice hours worked, by apprenticeable occupation and by program.

Payment of Training Fund Contributions **must be sent to the California Apprenticeship Council** (address below) (CAC) if the contractor is **not signatory** to an apprenticeship committee. The CAC will then distribute the funds to the proper apprenticeship committees. However, the **CAC IS NOT AN APPRENTICESHIP COMMITTEE** and will not accept the DAS140 or DAS142 forms.

California Apprenticeship Council (CAC)
P.O. Box 511283
Los Angeles, CA 90051-7838

Questions: email daspublicworks@dir.ca.gov

Subject to change for most recent documentation please click on the following link:
http://www.dir.ca.gov/das/DASApprenticesOnPublicWorksSummaryOfRequirements.htm

Exemption

What are the instances in which a contractor on a public works project is considered exempt from the requirements of LC 1777.5?

1. Labor Code 1777.5 does not apply to general contractors whose contract is under $30,000.
2. When the craft or trade is not apprenticeable.
3. When the contractor holds a sole proprietor license and no workers were employed by the contractor. In other words, the contractor performed the entire work from start to finish and worked alone.
4. When the project is a federal project and the funding of the project does not contain any city, county, and/or state monies unless the project is administered by a state agency in which case the apprenticeship requirements apply.
5. When the project is a private project not covered by the definition of public works as found in Labor Code section 1720.

What if I am exempt from the requirements of California Labor Code Section 1777.5 as my situation falls under one of the exemptions listed above? Do I still have to provide a "Notice of Contract Award" (DAS 140 form) to the applicable program?
You do not have to submit a "Notice of Contract Award". However, for purposes of letting the applicable program know of your exemption, you may, nevertheless, want to provide the form to the applicable program so they are aware of your exemption.

If I have an Individual Contractor Exemption granted by the Chief of DAS per Labor Code § 1777.5 (j), or § 1777.5(k), do I still need to send a DAS 140 to the appropriate programs?
Yes, you still need to submit a Notice of Contract Award Information (DAS 140) to the appropriate Program Committees. The Individual Contractor Exemptions and Program Committee exemptions pertain to the ratio of apprentices on a public works project and do not eliminate the DAS 140 requirement.

I am a small subcontractor and my job will take less than 40 hours. Am I exempt from hiring apprentices?
No, you must still submit a DAS 140 and 142. However, you may request apprentices in less than 8-hour increments. Important Notice: see changes in Code of Regulations section 230.1, regarding the employment of apprentices on Public Works.

Definition of a Registered Apprentice
An apprentice is someone who has signed an agreement with an employer, an approved apprenticeship program or program sponsor, and whose agreement is registered with the Division of Apprenticeship Standards (DAS).
Only an approved apprenticeship program can provide a contractor with a registered apprentice on public works projects.

Other Questions & Answers:
Do programs that provide apprentices for public works projects provide workers compensation benefits for the apprentice they send out to jobs or is the responsibility of the contractor and/or subcontractor?
This responsibility lies with the contractor and/or subcontractor.

As a contractor who has been awarded a public works contract, and has my own employees, am I still required hiring registered apprentices?
Yes. Important Notice: see changes in Code of Regulations sections 230.1, regarding the employment of apprentices on Public Works

I am a non-union contractor. Am I required to hire an apprentice?
Yes, you must request dispatch from all approved programs in the geographic area of the project.

Can I employ my friend, family, or my own employee who is still beginning to learn a particular trade, as

an apprentice?
No. The law requires that you employ only apprentices who are registered with an approved program. However, if your friend or your employee is a registered apprentice and has been dispatched to you by an approved apprenticeship program, yes you can.

What happens if I employed my friend who is not a registered apprentice and I paid him the journeyman rate?
You may employ your friend and pay him journey wages, but this does not affect the apprenticeship requirements.

What are the benefits and advantages to hiring a registered apprentice?

The benefits of hiring an apprentice registered in a state approved program are:

1. Lower pay rate than the journeyman pay rate.
2. Elimination of recruitment programs for workers who are already trained.
3. Creates a diversified and flexible workforce and larger pool of employees with specific skills.
4. Increases productivity; employees in a structured training program are motivated to achieve.

Employment of Apprentices **(additional information)**

Bidder is directed to the provisions in Sections 1777.5, 1777.6 and 1777.7 of the California Labor Code concerning the employment of apprentices by a Contractor and any subcontractor performing a public works Contract.

Labor Code section 1777.5 requires the Contractor or subcontractor employing tradesmen in any apprentice-able occupation to apply to the joint apprenticeship committee in the area of the site of the public works project and which administers the apprenticeship program for a certificate of approval. Contractor or subcontractor shall not be required to submit individual applications for approval to local joint apprenticeship committees provided they are already covered by the local apprenticeship standards. The ratio of apprentices to journeymen and contributions to funds to administer apprenticeship programs shall be determined by Section 1777.5 and the responsibility for compliance with that section for all apprentice-able occupations shall be with the General Contractor.

Labor Code section 1777.5 does not apply to Contracts of general contractors or to contracts of specialty contractors not bidding for work through a general or Prime Contractor, when the contracts of general contractors or those specialty contractors, involve less than Thirty Thousand Dollars ($30,000). This is the sum of the total contract amount not the individual contracts that are held between a prime contractor and their sub tiers. A contractor who willfully violates Labor Code section 1777.5 shall be denied the right to bid on or receive a public works contract for a period of up to one (1) year for the first violation, and for a period up to three (3) years for the second and subsequent violations, from the date the determination of noncompliance made by the Administrator of Apprenticeship becomes an order of the California Apprenticeship Council.
Contractor shall also be subject to the payment of the civil penalty as provided in Labor Code section 1777.7. Interpretation and enforcement of said Sections 1777.5 and 1777.7 shall be in accordance with the rules and procedures of the California Apprenticeship Council.

This information is provided as a guide. If there are any discrepancies between the language in this handbook and the specifications in the bid package for this project, the bid package shall prevail.

For the most up to date and current apprenticeship information refer to the DIR website.

All Current and Apprenticeable Trades/Crafts Within Sacramento County

This list is subject to change.

Asbestos Worker, Heat and Frost Insulator
(Striper) Boilermaker-Blacksmith
Bricklayer, Stonemason
Carpenter – All Related Trades
Carpet, Linoleum and Resilient Floor Layer
Cement Mason
Drywall Installer/Lather (Carpenter)
Drywall Finisher (Painter)
Electrician, Inside Wireman
Electrical Utility Lineman
Elevator Constructor
Field Surveyor Chainman/Rodman
Chief of Party
Glazer
Electrician (Comm & System Installer)
Worker Electrician (Comm & System Tech, Cable Splicer)
Iron Worker
Laborer
Marble Finisher/ Marble Mason/ Marble Setter
Millwright
Operating Engineer
Operating Engineer (Dredger)
Building Construction Inspector
Operating Engineer (Landscape Construction)
Laborer) Pointer, Caulker and Cleaner
Acoustical Installer (Carpenter)
Hardwood Floor Layer (Carpenter
Insulation Installer (Carpenter)
Field Surveyor Instrument man
Roofer
Parking and Highway Improvement
Painter
Plasterer
Plaster Tender
Roofer
Landscape/Irrigation Fitter
Sprinkler Fitter (Fire Protection/Fire Control
Pile Driver Operating Engineer
Pile Driver (Carpenter)
Parking and Highway Improvements Painter
Plumber/Steamfitter
Pipefitter
Underground/Utility Pipefitter
Metal Roofing System Installer
Sheet Metal
Stator Re-winder
Terrazzo Finisher
Terrazzo Worker
Tile Setter
Tile Finisher
Steel Erector & Fabricator
Tunnel/Underground (Operating Engineer)
Tunnel Worker (Laborer)
Parking & Highway Improvement (Striper-
Brick tender
Scaffolding and Shoring Erector (Carpenter)
Shingler (Carpenter)
Communications & System Installer
Taper
Metal Deck and Siding

If using any of the listed crafts, you will be required to request an apprentice and pay into the apprentice-able craft training program that is applicable.

The website to see the latest list of apprenticeable trades is:
http://www.dir.ca.gov/oprl/pwappwage/ PWAppWageStart.asp

PRE-CONSTRUCTION DOCUMENTS

NOTICE TO PROCEED
Project # PROJECT NUMBER
PROJECT NAME

DATE

PRIME NAME
PRIME
ADDRESS
PRIME CITY, STATE, ZIP

Notice is hereby given you are authorized to commence work on the above referenced project on DATE. You are legally required to begin work within fifteen (15) working days of this date. The entire work on the project must be completed within SPELLED OUT NUMBER OF DAYS (NUMERICAL NUMBER OF DAYS) working days from the date of this notice. Forty-eight hours prior to starting work, please notify the Project Manager, PM NAME at (916) 808-EXT or PM EMAIL@cityofsacramento.org. Please address all correspondence to:

City of Sacramento
DEPARTMENT NAME
DEPARTMENTADDRESS
DEPARTMENT CITY, STATE
ZIP Attn: PM NAME

Please reference City Project # PROJECT NUMBER in all billing correspondence. We look forward to a mutually successful project. The City of Sacramento is committed to the "Partnering Concept" of open communication and cooperative construction. In that spirit, please do not hesitate to contact me at (916) 808-CONTRACT & COMP EXT or CONTRACT & COMP EMAIL@cityofsacramento.org if I can be of any assistance.

Respectfully,

CONTRACT & COMP NAME

Cc: CONTRACT & COMP NAME, ACCOUNTING NAME, PM NA

Labor Compliance Requirements

DATE:
PROJECT:
PROJECT #:

Labor Compliance Officer:
Project Manager:
Consultant/Contractor:

In accordance to City of Sacramento Ordinance Section 360.180 the following is to comply with the City of Sacramento prevailing wage provision and contract provisions.

The award of a public works contract requires that all workers employed on the project be paid not less than the specified general prevailing wage rates by the contractor and its subcontractors. Owner Operators are not exempt from this requirement (LC § 1777.5).
Current Prevailing Wage Rates can be accessed at *http://www.dir.ca.govh/dlsr/pwd*.
NOTE: ***The first bid advertisement date of the project determines the applicable wage for this project. Please check your bid advertisement date to make sure you are using the correct determination***. *Superseded prevailing wage determinations can be obtained at http://www.dir.ca.gov/oprl/main.htm.*

Prevailing wage rates and rate changes are to be posted at the job site for workers to view.

If Federal Funded: Davis/Bacon prevailing wage rates apply, unless State prevailing wage rates are required.

Prevailing Wage Requirements

- All workers employed in the execution of a public works project, including sole proprietors, partners, and corporate officers, must be paid not less than the specified prevailing wage rates for the type of work performed. *Reference: Labor Code 1774*
- Overtime must be paid for all hours over 8 in a calendar day and 40 hours in a week. Violations may subject the contractor to a state penalty of $25 per day per worker. Please reference the general prevailing wage determination that that is applicable for further guidance. *References: Labor Code 1810-1815*
- Saturday/Sunday premium rates are applicable as indicated on prevailing wage determinations.
- When required shift differential rates must be paid for classifications which include a shift determination.

State Prevailing Wage Determinations

- Single asterisk indicates that this wage determination can be used for the life of the contract.
  - ** Double asterisk indicates that this wage determination includes predetermined increases.
- Subsistence/Zone pay must be shown on the fringe benefit statement if not shown on certified payroll.

- The contractor must make applicable travel and subsistence payments in accordance with information on file with the Department of Industrial Relations (DIR) for classifications utilized. Call the Prevailing Wage Unit at (415) 703-4774 or available at: (415) 703-4774 or available at: **http://www.dir.ca.gov/dlsr/PWD/index.htm** *Reference: Labor Code 1773.1*

- Contractors violating prevailing wage requirements are subject to a penalty of up to $200 per day per worker, paid in addition to any wage underpayments. Liquidated damages in the amount of the wage underpayments may also apply. *References: Labor Code 1775 and 1742.1*

Apprentices

- All requirements of the State Labor Code, Section 1777.5 apply including the following:
  - ⇨ Submit Division of Industrial Relations form DAS-140, *Public Works Contract Award Information*, to the applicable apprenticeship committee prior to start of work. This form with proof of service is to be uploaded into LCPtracker. The form may be downloaded at: *http://www.dir.ca.gov/DAS/PublicWorksForms.htm*

    Submit Division of Industrial Relations form DAS-142- Request for Dispatch of Apprentices (Prime and Sub-Contractors.) This form with proof of service is to be uploaded into LCPtracker.

    If applicable Submit Division of Industrial Relations form DAS 7- Agreement to Train Apprentices signed and accepted by the Division of Apprenticeship Standards. (This form applies if the contractor or sub contractor has checked box 1 on the DAS 140.)
  - ⇨ Training funds MUST be sent to a state-approved apprenticeship program or the California Apprenticeship Council and identified on the fringe benefit statement. If you are submitting the Training Funds to the California Apprenticeship Council this **must** be done electronically. The form can be found at the following link: *https://www.dir.ca.gov/das/tf/cac2.asp*. **CAC-2 Form and are due monthly by the 15th.**

    Training Fund Contribution Letter -are **due monthly by Prime and Sub-Contractors**. (If you are a Union Contractor submit the CAC-2 form stating funds are paid to specific trust fund and letter verifying those funds have been paid please upload both forms in LCPtracker.net)
  - ⇨ Apprentices must be paid the prevailing wage rate applicable to the classification and step in which they are registered and employed.

- Proof of registration in a state-approved apprenticeship program is required and must be submitted with the first payroll on which apprentices appear. *References: Labor Code 1777.5; Contract Provision*

- Complaints or violations regarding apprentice ratios will be referred to DAS. *Reference: CCR 16434*

Certified Payroll Records

- **Certified Payroll Reports *(CPR) are to be Input into LCPTracker.net. All Contractors and subcontractors, on all public works projects, are required to submit certified payroll records (CPRs) to the Labor Commissioners through the eCPR system.*** **Due within ten (10) days of pay period end date**. CPR's shall contain the same information for compliance with ***LC § 1776.*** Classification and group numbers are required on all payrolls. When work classification is not shown the City will determine the wage rate based on duties performed. Due minimum of bi-weekly with a Statement of Compliance for each pay period. (Located on LCPTracker.net under edocs) Reminder: wage increase for Master Agreements usually occurs on 06/15 and 06/29 or 06/30.

- **Negative Payroll Report Due within ten (10) days of pay period end date** if there is five (5) or more consecutive non-work days within any single pay period.

- **Fringe Benefit Statement: Form 420 (Located on LCPtracker.net under edocs)** Paid in cash or contributions to plans/programs are **due with first certified payroll report and anytime the fringe benefits change**. Please breakdown all fringes paid to employee and to what program they are being paid to. Documentation that the amount stated on the fringe benefit statement is being paid on the employees behalf may be requested for validation. If fringes are paid in cash please list a breakdown of those cash amounts.

- **Other Deductions** –Need to be detailed on the CPR and must be expressly authorized in writing by the employee or collective bargaining agreement. These need to be reference on the submitted CPR's and documentation uploaded into LCPtracker. There is a form available for download under the e-Documents tab.

Listing of Subcontractors

Contractors and subcontractors are required to list all suppliers and tier subcontractors hired to perform work on a public works project (in accordance to contract standard specification).

- The Subletting and Subcontracting Fair Practices Act requires prime contractors to list, at bid time, all subcontractors who will perform work in excess of one-half of one percent of the total bid amount or $10,000, whichever is greater. For building projects, subcontractors who will perform work in excess of one-half of one percent must be listed. The prime must use those subs as listed at bid time unless a **written substitution is requested and approved in writing** by the Contracts Specialist and Project Manager **before** substitution.
  - *References: Public Contract Code 4100-4114; Standard Specifications 5, Control of Work*
- *Subcontracting Request*, Prime Contractor update the Form 300 (List of Subcontractors & Suppliers) before they begin work at the jobsite and anytime there is an approved substitution. The prime must perform 30 percent of the work with their own forces.
- The prime contractor is responsible for work performed and compliance met by subcontractors and owner- operators.
- Failure to comply with the requirements of the Subletting and Subcontracting Fair Practices Act may result in a penalty of 0-10 percent of the subcontract involved and a referral to the Contractors State License Board. *Reference: Public Contract Code 4110-4111*

List of Subcontractors & Suppliers: Form 300 (Located on LCPtracker.net under edocs) Per Government Section 4100 et seq; prohibition against unfair competition Business & Professions Code Section 17200-17208, you must list suppliers and the amount of their product (s). **Form is due within ten (10) days of pre-construction meeting.**

Pay Requests/Invoices

The Labor Compliance Officer shall notify the contractor and the Project Manager of noncompliance and labor issues prior to pay requests approval. Advance notice of submission to the Compliance Officer is required. You must submit a **current schedule of values** with each pay request and **you must have all labor compliance requirements met before submitting a pay request. Failure to meet the labor compliance requirements will result in your pay request being denied and returned to you for full compliance.** Pay request must be submitted to the inspector for his/her review first. The inspector will then forward the request to the Project Manager and the Labor Compliance Officer for their review.

Pursuant to Labor Code Section 1776, the City of Sacramento will impose penalties of
$100 per day per worker for each day the documentation that is requested is considered late (beyond the 10 days from when notice is given), even if the information you eventually submit is found to be correct. This information is to be uploaded into LCPtracker.net. If you have been asked to make any corrections to the documents submitted, we ask that you make the requested corrections and re-upload the corrected document into LCPtracker as soon as possible. As progress payments may be delayed while these items are outstanding, it would be in your best interest to see that these documents are provided as soon as possible.

Completion of Project

- **Contractor Notification of Completion:** ***Form 264*** must be submitted into LCP Tracker, due upon completion of all punch list items established during final job walk.

All of these forms discussed in this document are located on LCPtracker.net under the eDocuments tab.

In accordance with city policy and contract documents, the undersigned contractor herein certifies that it will comply with the foregoing prevailing wage requirements; and fully understands that failure to comply with these requirements will subject it to the penalties cited herein.

Contractor Signature	**Title**	**Date**

City of SACRAMENTO

Start-Up Documents Due Prior to Start of Construction:

1. **Certification Statement of Contractor:**
   If there is any contractor working as an "Independent Contractor", "Owner- Operator", "Sole Proprietor" or "Leased Worker" the certification form must be filled out.
   a. The original is to be submitted prior to, or concurrent with, the first payroll in which the Independent Contractor, Owner-Operator, Sole Proprietor or Leased Worker commences work.

2. **Authorization Letter for Signing Certified Payroll**
   a. To be signed by **company officer** or **owner** and uploaded into LCPtracker prior to the first Certified Payroll Report.
   b. This document lets the Labor Compliance Department know whom is authorized to sign certify payroll reports and other documents on behalf of the Contractor.

3. **FORM 300 List of all Subcontractors and Suppliers:**
   a. To be filled out and uploaded within 10 days of the preconstruction meeting and prior to the first Certified Payroll Report.
   b. This document lets the Labor Compliance Department know who will be working on this project. This is checked against initial form that was submitted with bid documents. If there are any changes during the life of the construction projected this form is to be updated and the Labor Compliance Officer is to be made aware of changes.
   c. This form is to be filled out by all Subcontractors and their lower level subs and uploaded into LCPtracker.

4. **Checklist of Labor Law Requirements:**
   a. To be filled out and signed by the contractor and all sub tier contractors **prior** to start of their work on the construction project. Please check all boxes that apply.

5. **Fringe Benefit Statement:**
   a. Asterisk or note any form of benefits that are included in the payroll reports should be listed out as an "hourly" rate of pay for each trade used.
   b. If fringe payments are made directly to the employee in lieu of fringes, please note "paid in cash" under the applicable fringe payment and breakdown the hourly rate that is paid to the employee in cash.
   c. Must be re-submitted when wage rates are updated, with effective dates and/or any changes in fringes are made.

6. **DAS-140- Public Works Contract Award Information Form:**
    a. Contract award information must be sent to your Apprenticeship Committee if you are approved to train apprentices. If you are NOT approved to train apprentices, you must send the information to ALL applicable Apprenticeship Committees in your craft or trade in the area of the Public Works Project.
    b. After you have completed the DAS-140 Form mail the original(s) to the appropriate Joint Apprentice Training Committee(s) within (10) days of the date of the execution of the prime contractor's subcontract, but in no even later than the first day in which the contractor has workers employed upon the public work (CA Labor Code 1777.5 (e)).
    c. Upload a copy of the form or all forms submitted with proof of deliver to the LCPtracker.net program under the e-Documents Tab. The form of proof can be certified mail or fax confirmation.
    d. All Applicable Joint Apprentice Training Committee (s) may be found at: http://www.dir.ca.gov/Databases/das/pwaddrstart.asp/
    e. Templates available for download can be found at: http://www.dir.ca.gov/DAS/PublicWorksForms.htm or on LCPtracker.net under the e-Documents tab.

7. **DAS-7- Agreement to Train Apprentices Form:**
    a. **IF Applicable: (Checked box 1 on the DAS 140)**
        i. Submit your DAS-7 or equivalent certification and upload into LCPtracker.net under the e-Documents tabs and inform the labor compliance person monitoring your project. This form can be submitted with your DAS-140 form.

8. **DAS-142 Request for Dispatch of an Apprentice Form:**
    a. Send to the Joint Apprentice Training Committees (JATC) in your craft or trade in the geographic area of the Public Works Project to request the dispatch of an apprentice before starting work at the site and as needed throughout the project.
    b. Employment of Apprentices on Public Works project- (a) Contractor(s) shall employ registered apprentice(s), as defined by Chapter 4 (commencing with Section 3070) of Division 3, during the performance of a Public Work Project in accordance with the required (1) hour of work performed by an apprentice for every (5) hours of labor performed by a journeyman, unless covered by one of the exemptions enumerated in the Labor Code Section 1777.5 or this subchapter.
    c. Provide a copy of your apprenticeship program's standards if they operate under a different ration then the California Labor Codes & Regulations.
    d. Template available for download can be found at: http://www.dir.ca.gov/DAS/PublicWorksForms.htm

Forms Required Prior to Construction

City of SACRAMENTO

Classification Worksheet

A separate form must be filled out for each contractor/subcontractor performing on the project.

Project Name	
Project Number	
Contractor Name	
Contact Name	
Contact Phone	
Contact Email	
CSLB/Certificate #	

Classification(s) being Utilized (check all that apply)

- ☐ Asbestos
- ☐ Electricians
- ☐ Pile Drivers
- ☐ Boilermaker
- ☐ Elevator Mechanic
- ☐ Pipe Trades
- ☐ Bricklayers
- ☐ Glaziers
- ☐ Plasterer
- ☐ Carpenter
- ☐ Iron Workers
- ☐ Roofers
- ☐ Tile Workers
- ☐ Carpet/Linoleum
- ☐ Laborers
- ☐ Sheet Metal
- ☐ Cement Mason
- ☐ Millwrights
- ☐ Sound/Communication
- ☐ DrywallFinisher
- ☐ Operating Engineer
- ☐ Surveyor
- ☐ Drywall/Lather
- ☐ Painters
- ☐ Teamster
- ☐ Other(specify) _____

Letter of Authorization
PLACE ON COMPANY LETTERHEAD

Date:

To whom it may concern:

I, the undersigned, hereby authorize ..... to sign on our behalf in all manners relating to certified payroll, including signing of all certified payroll related documents. Any and all acts carried out by ..... on our behalf shall have the same effect as acts
of our own.

This affirm that the signatories identified above have the authority under penalty of perjury to affirm that required forms and certified payroll records are originals or are full, true and correct copies of the original and correctly depict the Trades, Crafts and Classifications of work performed; hours and days worked; and the amounts by category listed, disbursed by way of cash, check, or in whatever form or manner to each person by job classification and/or skill pursuant to public works contract.

This authorization is valid until further written notice from (COMPANY NAME).

Sincerely,

(Company counsel or company officer's signature)
(Name Address and Title)

City of Sacramento

PW-300 Form

Instructions: The Prime Contractor and all Subcontractors are required to submit the PW-300 via LCPTracker.net. If there are no subs or suppliers, state on the PW-300 and upload. If you are a Subcontractor with no additional lower tier subs place the Prime Contractors information in the Prime Contractor box and list yourself as the Subcontractor. Fill out the information that is known. If you are a Subcontractor with lower tier subs, please put your company name under the Prime Contractor field and all subs under the Subcontractors List field. Please refer to Public Contract Code 4107 regarding changes to subcontractor listing. If there are any changes made to this list during the duration of the project which might include an additional subcontractor/supplier or eliminating a subcontractor/supplier, then a revision to the PW-300 Form is required. DIR REGISTRATION # MANDATORY

PRIME CONTRACTOR			
Date		**Project #**	
Name		**Project Name**	
Address:		**Contract #**	
City, State, Zip		**Total Contract Amount**	
Contact Name/Phone #		**Estimated Start Date**	
Email		**Estimated Completion Date**	
DIR Registration #		**Federal Tax ID #**	
Contractor Lic. #		**State Tax ID #**	
SUBCONTRACTORS LIST			
SUBCONTRACTOR			
Name		**Contact Name/Phone #**	
Address:		**Email**	
City, State, Zip		**Description of services**	
Contractor Lic. #		**Estimated Start Date:**	
DIR Registration #		**Estimated Completion Date**	
Contract $ Value		**LBE/EBE/DBE**	
SUBCONTRACTOR			
Name		**Contact Name/Phone #**	
Address:		**Email**	
City, State, Zip		**Description of services**	
Contractor Lic. #		**Estimated Start Date:**	
DIR Registration #		**Estimated Completion Date**	
Contract $ Value		**LBE/EBE/DBE**	
SUBCONTRACTOR			
Name		**Contact Name/Phone #**	
Address:		**Email**	
City, State, Zip		**Description of services**	
Contractor Lic. #		**Estimated Start Date:**	
DIR Registration #		**Estimated Completion Date**	
Contract $ Value		**LBE/EBE/DBE**	
Add additional pages if necessary.			

City of Sacramento

PW-300 Form

SUBCONTRACTORS LIST			
SUBCONTRACTOR			
Name		Contact Name/Phone #	
Address:		Email	
City, State, Zip		Description of services	
Contractor Lic. #		Estimated Start Date:	
DIR Registration #		Estimated Completion Date	
Contract $ Value		LBE/EBE/DBE	
SUBCONTRACTOR			
Name		Contact Name/Phone #	
Address:		Email	
City, State, Zip		Description of services	
Contractor Lic. #		Estimated Start Date:	
DIR Registration #		Estimated Completion Date	
Contract $ Value		LBE/EBE/DBE	
SUBCONTRACTOR			
Name		Contact Name/Phone #	
Address:		Email	
City, State, Zip		Description of services	
Contractor Lic. #		Estimated Start Date:	
DIR Registration #		Estimated Completion Date	
Contract $ Value		LBE/EBE/DBE	
SUBCONTRACTOR			
Name		Contact Name/Phone #	
Address:		Email	
City, State, Zip		Description of services	
Contractor Lic. #		Estimated Start Date:	
DIR Registration #		Estimated Completion Date	
Contract $ Value		LBE/EBE/DBE	
SUBCONTRACTOR			
Name		Contact Name/Phone #	
Address:		Email	
City, State, Zip		Description of services	
Contractor Lic. #		Estimated Start Date:	
DIR Registration #		Estimated Completion Date	
Contract $ Value		LBE/EBE/DBE	
SUBCONTRACTOR			
Name		Contact Name/Phone #	
Address:		Email	
City, State, Zip		Description of services	
Contractor Lic. #		Estimated Start Date:	
DIR Registration #		Estimated Completion Date	
Contract $ Value		LBE/EBE/DBE	

Add additional pages if necessary.			
SUPPLIERS LIST			
Name		**Contact**	
Address:		**Phone**	
City, State, Zip		**Email**	
Description of materials		**$ Amount**	
SUPPLIER			
Name		**Contact**	
Address:		**Phone**	
City, State, Zip		**Email**	
Description of materials		**$ Amount**	
SUPPLIER			
Name		**Contact**	
Address:		**Phone**	
City, State, Zip		**Email**	
Description of materials		**$ Amount**	
SUPPLIER			
Name		**Contact**	
Address:		**Phone**	
City, State, Zip		**Email**	
Description of materials		**$ Amount**	
SUPPLIER			
Name		**Contact**	
Address:		**Phone**	
City, State, Zip		**Email**	
Description of materials		**$ Amount**	
SUPPLIER			
Name		**Contact**	
Address:		**Phone**	
City, State, Zip		**Email**	
Description of materials		**$ Amount**	
Add additional pages if necessary.			

I have completed the documentation accurately and to the best of my knowledge.

Signature: _____

Date: _____

Checklist of Labor Law Requirements

(CCR Title 8, Section 16421)

Ultimately the prime contractor is liable for their sub and specialty contractors. This checklist is a useful tool for the prime contractor to ensure that heir sub and specialty contractors know their responsibilities on public works projects. Contractors who understand and comply with the law are more likely to deliver the job on time, on budget and done right the first time. We suggest the Prime contractor encourage completion of this checklist by their sub and specialty contractors.

NAME (print)_____ Date _____

Company_____ Phone _____

Address_____ Fax _____

City_____ State_____ Zip Code _____

Project Manager_____ Superintendent/Foreman _____

Certified Payroll_____ Phone/Ext. _____

Contractor License NO._____ Exp. Date_____ Specialty License NO. _____

Self-insured Certificate NO._____ Workers Comp policy NO. _____

Project NAME_____ Project #/Bid Package# _____

Awarding Body_____ Advertisement Date _____

If Subcontracting, List your prime/general Contractor _____

Contract Award Amount_____

The Federal AND State Labor LAW requirements Applicable to the Contract Are Composed OF, But Not Limited to, the Following:

☐ Payment of Prevailing Wage Rates

The contractor to whom the contract is awarded, and its subcontractors hired for the public works project are required to pay not less than the specified general prevailing wage rates to all workers employed in the execution of the contract. *Labor Code Section 1770 et seq*.

The contractor is responsible for ascertaining and complying with all current general prevailing wage rates for crafts and any rate changes that occur during the life of the contract. Information on all prevailing wage rates and all rate changes are to be posted at the job site for all workers to view. Additionally, current wage rate information can be found at the DLSR web site, *www.dir.ca.gov/dlsr/statistics_research.html.*

☐ Apprentices

It is the duty of the contractor and subcontractors to employ registered apprentices on the public works project and to comply with all aspects of *Labor Code Section 1777.5*, relating to Apprentices on public Works. (1) Notify approved apprenticeship programs of contract award; (2) employ apprentices; (3) pay training fund contributions.

☐ Penalties

There are penalties required for contractor's/subcontractor's failure to pay prevailing wages and for failure to employ apprentices, including forfeitures and debarment under *Labor Code Sections 1775; 1776; 1777.1; 1777.7and1813*.

☐ Certified Payroll Reports

under *Labor Code Section 1776*, contractors and subcontractors are required to keep accurate payroll records showing the name, address, social security number and work classification of each employee and owner performing work; also the straight time and overtime hours worked each day for each week, the fringe benefits, and, the actual per diem wage paid to each owner, journey person, apprentice worker or other employee hired in connection with the public works project.

This requirement includes and applies to all subcontractors performing work on Awarding Body projects even if their portion of the work is less than one half of one percent (0.05%) of the total amount of the contract.

The certified payroll records shall contain the same data fields listed on the *Public Works Payroll Reporting Form (A-1-131)* and contain or is accompanied by a declaration made under penalty of perjury. *(California Code of Regulations, Section 16401).*

Prime Contractors are responsible for submittal of their payrolls and those of their respective subcontractors as one package. Any payroll not submitted in the proper form will be rejected. In the event that there has been no work performed during a

Checklist of Labor Law Requirements, continued

Given week, the certified payroll report shall be annotated: "No work" for that week or a Non-performance Statement must be submitted.

Employee payroll records shall be certified and shall be made available for inspection at all reasonable hours at the principal office of the contractor/subcontractor, or shall be furnished to any employee, or his/her authorized representative on request, pursuant to *Labor Code Section 1776*.

Under *Labor Code Section 1776(g)* there are penalties required for contractor's/subcontractor's failure to maintain and submit copies of certified payroll records on request.

☐ **Nondiscrimination in Employment**

There exist prohibitions against employment discrimination under *Labor Code Sections 1735 and 1777.6,* The *Government Code,* the *Public Contracts Code,* and *Title VII of the Civil Rights Act of 1964.*

☐ **Kickbacks Prohibited**

Contractors and subcontractors are prohibited from recapturing wages illegally by accepting or extracting "kickbacks" from employee wages under *Labor Code Section 1778*.

☐ **Acceptance of Fees Prohibited**

There exists a prohibition against contractor/subcontractor acceptance of fees for registering any person for public work under *Labor Code Section 1779*; or for filling work orders on public works contracts pursuant to *Labor Code Section 1780*.

☐ **Listing of Subcontractors**

All prime contractors are required to list properly all subcontractors hired to perform work on the public works projects covering more than one-half of one percent, pursuant to *Government Code Section 4104*.

☐ **Proper Licensing**

Contractors are required to be licensed properly and to require that all subcontractors be properly licensed. Penalties are required for employing workers while unlicensed under *Labor Code Section 1021* and under the California Contractor License Law found at *Business and Professions Code Section 7000 et seq*.

☐ **Unfair Competition Prohibited**

Contractors and sub-contractors are prohibited from engaging in unfair competition as specified under *Business and Professions Code Sections 17200 to 17208.*

☐ **Workers Compensation Insurance**

Labor Code Section 1861 requires that contractors and subcontractors be insured properly for Workers Compensation.

☐ **OSHA**

Contractors and subcontractors are required to abide by the Occupational, Safety and Health laws and regulations that apply to the particular construction project.

☐ **Proof of Eligibility/Citizenship**

The federal prohibition against hiring undocumented workers, and the requirement to secure proof of eligibility/citizenship from all workers, is required.

☐ **Itemized Wage Statement**

Labor Code Section 226 requires that employees be provided with itemized wage statements.

Certification

I acknowledge that I have been informed and am aware of the foregoing requirements and that I am authorized to make this certification on behalf of _____
(Company Name)

I fully understand that failure to comply with any of the above requirements may subject me, or my company, to penalties as provided above.

Contractor _____ _____
(Signature) (Date)

Awarding Agency /Labor Compliance program _____ _____
(Signature) (Date)

City of SACRAMENTO

Statement of Employer Payments
"Fringe Benefit Statement"

In order that the proper Fringe Benefit rates can be verified when checking payrolls on the below contract, the hourly rates for fringe benefits, payment made for employees on the various classes of work are tabulated below. If you use other plans not listed above, you may use the next page to provide this additional information. **If the contributions are paid to the employee in cash,** please list the hourly amount in the corresponding category. Training Fund Contributions can never be paid to the employee directly.

Date _____ In Reply, Refer to Case No.: _

Prime: _____

Subcontractor: _____

PROJECTNAME: _____

_____

PROJECT CONTRACT NO.: _____ County/location: _____

HEALTH AND WELFARE

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S)USED/EFFECTIVE DATE				CONTRIBUTIONPERCLASSIFICATION/ PER HOUR
CONTRIBUTIONS	WEEKLY □	MONTHLY □	QUARTERLY □	ANNUALLY □

PENSION

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/ PER HOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

VACATION/HOLIDAY

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/PERHOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

TRAINING

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/ PER HOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

OTHER

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/PERHOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

OTHER

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/PERHOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

OTHER

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/PERHOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

OTHER

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR A d d r e s s , City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/PERHOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

OTHER

NAME OF PLAN _____ Address, City, State, Zip _____

ADMINISTRATOR _____ Address, City, State, Zip _____

CLASSIFICAITON(S) USED/EFFECTIVE DATE	CONTRIBUTIONPERCLASSIFICATION/PERHOUR
CONTRIBUTIONS: WEEKLY □ MONTHLY □ QUARTERLY □ ANNUALLY □	

Types of Benefits Which Do Not Constitute Employer Payments:

The types of benefits for which an employer may not take a credit against its prevailing wage obligations include benefits such as the use of a cell phone or company vehicle, gas reimbursement, or a Christmas bonus.

"Employer Payments" Defined:
Labor Code §1773.1 defines Employer Payments to include all of the following

(1) The rate of contribution irrevocably made by the employer to a trustee or third person pursuant to a plan, fund, or program.
(2) The rate of actual costs to the employer reasonably anticipated in providing benefits to workers pursuant to an enforceable commitment to carry out a financially responsible plan or program communicated in writing to the workers affected
(3) Payments to the California Apprenticeship Council pursuant to Section 1777.5.

It is not necessary that the Employer Payment satisfy all of these three conditions in order for the credit to be valid. It is sufficient that the Employer Payment satisfies any one of the specified conditions in order to be considered an Employer Payment for which a contractor is entitled to take a credit against its prevailing wage obligation.

Irrevocably Made to a Trustee or Third Person Pursuant to a Plan, Fund, or Program
Examples of these types of Employer Payments include contributions by a union signatory contractor to a labor- management affiliated pension, health & welfare, training, and vacation programs, contractor payments for health insurance premiums, contractor payments irrevocably made to a trustee or third party for pension benefits, and similar types of payments.

Employer Payments made to these types of plans must be made regularly
For enforcement purposes, the Division requires that payment be made no less than quarterly, which is consistent with the requirement under the Davis-Bacon Act and its implementing regulations. (29 C.F.R. § 5.5(a)(1)(i).)

Employer Payments Must Be Determined Separately for Each Worker
Credit against the prevailing wage obligation may be taken only toward the prevailing wage requirement for each applicable worker. Employers may not take credit for an individual worker based upon an average payment or contribution made on behalf of a group of workers. For a specific example demonstrating DLSE's method of converting a contractor's monthly or annual contributions to a typical benefit plan into an hourly wage equivalent to calculate the amount of credit available against the prevailing wages due to an individual worker, please refer to Section 4.2.6.4.1 of this Manual.

Vesting Does Not Normally Affect Right to Credit
Many pension plans, particularly union-affiliated pension plans, contain "vesting" requirements which, under the plan, require that the worker complete a certain length of service before the worker has a no forfeitable right to benefits under the plan. The existence of such vesting requirements does not affect the amount of credit an employer may take for such contributions, provided that the pension plan is a bona fide plan that meets the applicable requirements under ERISA, including the minimum vesting requirements. Under no circumstances, however, may the forfeited contributions revert to the employer.

Employer Payments That Are Reasonably Anticipated to Benefit Workers
Employer Payments that are not irrevocably made to a trustee or third person pursuant to a plan, fund, or program may still be valid as a credit against the prevailing wage obligation, provided that they meet all of the conditions set forth in Labor Code § 1773.1(b)(2). Such rate of actual costs for such plan or programs can be credited against the prevailing wage only if the plan or program:

(1) Can be reasonably anticipated to provide benefits to workers;
(2) Is pursuant to an enforceable commitment;
(3) Is carried out under a financially responsible plan or program; and
(4) Has been communicated to the worker affected

Example
The type of Employer Payments contemplated under § 1773.1(b)(2) may include certain vacation and holiday plans for which the employee accrues the benefit during the time worked on a public works project. Such payments must meet all the conditions set forth above. In addition, the credit may be taken only as to amounts

which are “actual payments.” (8 CCR § 16200(a)(3)(I).)

Payments to the California Apprenticeship Council

Employer Payments for which a contractor may take a credit against its prevailing wage obligations also include payments made to the CAC pursuant to Labor Code § 1777.5(m)(1). The amount of contribution is listed on the general prevailing wage determination for those crafts which are recognized by the Director of the DIR as an apprenticeable craft. Such amounts are typically listed in the general prevailing wage determination under the heading Training or similar type heading.

A contractor may take as a credit for payments to the CAC any amounts paid by the contractor to an approved apprenticeship program that can supply apprentices to the site of the public work project. (Labor Code § 1777.5(m)(1).)

Although such payments constitute part of the Total Hourly Rate required to be paid by the employer, such payments are not paid to the worker. Rather, such payments are made to either the CAC or the applicable approved apprenticeship program. The contractor may add the amount of the contributions in computing his or her bid for the public works contract. (Labor Code § 1777.5(m)(1).)

Exception - Non-Apprenticeable Crafts

For non-apprenticeable crafts, any training contributions should be paid to the worker as wages and not paid to the CAC. Some crafts are not identified on the Director’s wage determinations with a symbol (#) which indicates an apprenticeable craft. If that is the case, any training contribution listed in the general prevailing wage determination should be paid to the worker, or to the applicable training program, if the contractor is contractually obligated to make such payments under its collective bargaining agreement.

Annualization

Annualization is a principle adopted by the federal Department of Labor in enforcing the Davis-Bacon Act for crediting contributions made to fringe benefit plans based on effective rate of contributions for all hours worked during a year by an employee on both public (Davis-Bacon) and private (non-Davis-Bacon) projects. (Miree Construction v. Dole (11th Cir. 1991) 930 F.2d 1536, 1539.) California law requires that the credit for employer payments must be computed on an annualized basis where the employer seeks credit for employer payments that are higher for public works projects than for private construction performed by the same employer. (Labor Code § 1773.1(d).)

Exceptions:

Annualization is required except where one or more of the following occur:

(1) The employer has an enforceable obligation to make the higher rate of payments on future private construction performed by the employer.
(2) The higher rate of payments is required by a project labor agreement.
(3) The payments are made to the CAC pursuant to Section 1777.5.
(4) The director determines that annualization would not serve the purposes of this chapter.

The annualization principle requires that when converting an employer’s contribution to a pension or medical plan into an hourly amount, the amount of payments must be divided by the total number of hours worked in a year on all projects, public and private, not just the number of hours worked during that year on public projects. This method of calculation, the “annualization” principle, provides a means to permit an employer to take credit only for employer contributions paid to workers while employed on covered public works projects.

DLSE Annualization Calculation

For enforcement purposes, the DLSE follows the federal enforcement guidelines. See Department of Labor Field Enforcement Handbook – 6/29/90, Section 15f11. (See http://www.dol.gov/whd/FOH/index.htm to review the handbook.) Under the federal enforcement guidelines, where a contractor makes annual payments in advance to cover the coming year and actual hours will not be determinable until the close of that year, the total hours worked by the workers performing work covered by California’s prevailing wage laws, if any, for the preceding calendar year (or plan year) will be considered as representative of a normal work year for purposes of annualization.

Similarly, where the contractor pays monthly health insurance premiums in advance on a lump sum basis, the total actual hours worked in the previous month, or in the same month in the previous year, may be used to determine (i.e. estimate) the hourly equivalent credit per employee during the current month. It is not considered a violation if the contractor uses the full year equivalent of 2,080 (40 hours’ x 52 weeks) hours in determining the applicable credit unless, of course, the affected employee worked more than 2,080 hours in that applicable year.

Representative Period.
Any representative period may be utilized in such cases, provided the period selected is reasonable. Employers using other methods to calculate the allowable credit have the burden of establishing that their method satisfies the annualization requirements set forth in Labor Code 1773.1(d).

Example:

An employee works as a carpenter where the basic hourly rate set forth in the wage determination for Carpenter is $30 and the total employee benefit (Employer Payment) package is $15, excluding the training contribution. Accordingly, the total hourly rate required to be paid under California's prevailing wage laws is $45.

Where the employer provides the carpenter with medical insurance in the amount of $4,800 per year, the employer would divide the total annual cost of the benefit by the total hours worked by the employee for the preceding year. The employer may also use 2,080 hours, which is the equivalent of full year employment to arrive at the allowable Employer Payment credit.

For instance, where the employer uses the equivalent of full year employment, or 2,080 hours, the applicable credit is as follows:

($400 x 12 months) divided by 2,080 hours = $2.31 per hour.

If the worker in this example receives no other employee benefits which are recognized as bona fide Employer Payments under California law, then for each hour worked on a project covered by California's prevailing wage laws, the employer is entitled to take a credit of no more than $2.31 against its obligation to pay the worker $45 per hour, up to a maximum credit of $4,800, which is the total amount paid for medical insurance. The difference between the $15.00 per hour employer payment required under the applicable wage determination and the credit allowed for the provision of medical insurance must be paid to the worker as part of his or her hourly wage for work performed on the public works project.

If the worker works the entire year only on projects covered by California's prevailing wage laws, or under circumstances otherwise exempt under the exceptions set forth above in Labor Code § 1773.1(d)(1)-(4), the employer would be entitled to take the full credit of $2.31 up to a maximum of $4,800.

Conversely, if the worker worked only 1,500 hours of the year on projects covered by California's prevailing wage laws and 580 hours of the year on other jobs which are not covered by California's prevailing wage laws or are otherwise not exempted under Labor Code § 1773.1(d)(1)-(4), the employer would be entitled to take a credit of only $2.31 per hour towards meeting the employer's obligation to pay the prevailing wage on the California public works projects. Therefore, although an employer may have paid $4,800 in insurance premiums for that year, the employer is entitled to take a total annual credit of only $3,465.00 (1,500 x $2.31) against its prevailing wage obligation because the employer may take the credit only for those hours worked on a public works project.

Payments to The California Apprenticeship Council Pursuant to Section 1777.5. As specified in Labor Code § 1771.3(d)(3), payments made to the CAC, or to an applicable approved apprenticeship program pursuant to Labor Code § 1777.5(m)(1), do not need to be annualized. For enforcement purposes, the Division takes the position that the exemption from the annualization requirements under section 1771.3(d)(3) is limited to the training contribution amounts set forth in the applicable general prevailing wage determination. Any amounts paid in excess of the amount set forth in the applicable general prevailing wage determination must be annualized unless otherwise exempt under section 1771.3(d).

Credit for Employer Payments

California prevailing wage law requires the payment of per diem wages, which includes two components. The first component is the Basic Hourly Rate. The second component is the Employer Payments. Taken together, these two components make up the Total Hourly Rate which must be paid to each worker for any work performed on a public works project.

Employer Payments Are a Credit Against the Obligation to Pay the General Prevailing Wage Rate of Per Diem Wages

Contractors obligated to pay prevailing wages may take credit for amounts up to the aggregate total of all benefits, such as pension, health & welfare, etc., listed as prevailing in the applicable wage determination. Contractors are not limited to the individual amounts specifically listed under the various categories of benefits specified in a wage determination in taking credit for providing Employer Payments. Rather, the contractor may take a credit for the aggregate total of permissible Employer Payments made on behalf of the affected worker. For example, the Director's current prevailing wage Determination (SC-3-5-1-2013-1) in Los Angeles County for the Craft of Asbestos Worker, Heat and Frost Insulator, in the Classification of Mechanic, reflects a Basic Hourly Rate $32.79, with permissible Employer Payments of $7.54 per hour (Health and Welfare), $7.68 per hour (Pension), $7.47 per hour (Vacation/Holiday), and one mandatory employer payment of $0.64 per hour (Training), which must be paid to the California Apprenticeship Council ("CAC") or an approved apprenticeship program. The Sum of all these components ($51.30) is the Total Hourly Rate listed on the Determination. The aggregate total of permissible Employer Payments is $22.87. The permissible Employer Payment amounts listed here typically reflect the particular hourly benefit rates found in a collective bargaining agreement which the Director determined had established the prevailing rate for this craft and classification of work in this geographic area. Absent contractual obligations which may apply to a particular contractor, the total of $22.87 per hour may be paid by an employer in full or in part to any category of permissible Employer Payments, and the employer will be entitled to credit against the total prevailing wage obligation. Thus, an employer may choose to contribute $20 of the aggregate total to a private medical insurance plan or a pension plan for its workers and pay the remainder of $2.87 directly to the workers. Full credit will be to that employer for the medical insurance payments, and all of the payments added together ($35.66 to workers + $20.00 to medical plan + $0.64 to CAC = $51.30) would reflect compliance by this employer with the prevailing wage rate obligation. (WSB Electric, Inc. v. Curry (9th Cir. 1996) 88 F.3d 788.) This credit may be taken only as to amounts which are actual payments. (8 Cal. Code of Regs. § 16200(a)(3)(I).) No credit may be taken for benefits required to be provided by other state or federal law. (Labor Code § 1773.1(c).) For instance, a contractor may not take a credit against its prevailing wage obligations for benefits such as workers' compensation, unemployment benefits, and social security and Medicare contributions.

No Reduction of the Basic Hourly Rate

California law prohibits the use of credits for Employer Payments to reduce the obligation to pay the hourly straight time or overtime wages specified as the Basic Hourly Rate in the general prevailing wage determination. (Labor Code § 1773.1(c) and 8 Cal. Code of Regs. § 16200(a)(3)(I).) Two legislatively created exceptions to this general rule are now found at Labor Code section 1773.1(c) and section 1773.8. Both exceptions are extremely limited in scope and are only applicable to increases in employer payment contributions made pursuant to criteria set forth in a collective bargaining agreement ("CBA"), and only if the specific statutory conditions listed in the Labor Code have been met. DLSE investigators will typically require a contractor claiming an exception under these sections to submit satisfactory evidence that the exception applies, including, but not limited to, a certified copy of the CBA upon which the exception is based, and to certify that the CBA's terms applied to the workers identified on the contractor's certified payroll records.

Example:

Basic Hourly Rate	$ 25.00
Employer Payments	$ 15.00
Total Hourly Rate	$ 40.00

The contractor can comply with California prevailing wage laws by paying:

1. $40.00 per hour in wages;
2. $25.00 per hour in wages plus $15.00 in Employer Payments.

3. Any combination of the wages and Employer Payments so long as the Basic Hourly Rate is not less than $25.00 per hour and the Total Hourly Rate meets or exceeds $40.00 per hour.

Different for Purely Federal Projects Under Davis-Bacon Act

The California law restricting the reduction of the Basic Hourly Rate is distinct from the federal prevailing wage laws under the Davis-Bacon Act. The Davis-Bacon Act does not prohibit the crediting of employer payments or benefit contributions towards fulfilling the hourly wage rate listed in the contract wage determination on federally funded projects. Contractors performing work on projects which are governed by both the federal Davis-Bacon Act and the California prevailing wage requirements must, however, continue to comply with state requirements in order to be in compliance with California law. DLSE investigators may encounter this issue when dealing with contractors on public works projects which have mixed funding (both federal and state) or federally funded projects which are controlled or carried out by California awarding bodies of any sort. In both of these situations, the application of state prevailing wage rates when higher is required. (See 8 CCR § 16001(b).)

Application to All Hours Worked

Employer Payments must be paid for all hours worked, including overtime hours, unless expressly provided otherwise in the general prevailing wage determination. The general prevailing wage determinations specify the applicable daily, Saturday, Sunday, and Holiday overtime payment. Although the applicable overtime rates set forth in the determination include the Employer Payments, the overtime rate (for example, time and one half) is based upon the Basic Hourly Rate only. The Employer Payment is therefore excluded from calculating the applicable overtime premium due as overtime compensation.

Example:

An employee worked 12 hours in the workday as an Iron $22.00 in Employer Payments. The overtime rate for the first 2 daily overtime hours is $48.00 (one and one half (1½) times the Basic Hourly Rate of $32.00, or $32.00 + $16.00). The wages due for each overtime hour is $70.00 (the overtime rate plus Employer Payments, or $48.00 + $22.00). The wages due per hour for all other overtime is $86.00 (two (2) times the Basic Hourly Rate plus Employer Payments, or $64.00 + $22.00).

The worker would be due.

8 Hours at	$54.00 ($32.00 + $22.00)	$432.00
2 Hours at	$70.00	$140.00
2 Hours at	$86.00	$172.00
Total Wages Due		$744.00*

* This example is for illustration purposes. The general prevailing wage determinations specify the applicable Total Hourly Rates that must be paid to workers for straight time, overtime, Saturday and Sunday work, and there is no need for contractors to independently determine the hourly amount to be paid.

Types of Employer Payments for Which an Employer May Take a Credit Against Its Prevailing Wage Obligations.

The types of employee benefits recognized as Employer Payments under Labor Code § 1773.1 include payments for:

(1) Health and welfare.
(2) Pension.
(3) Vacation.
(4) Travel.
(5) Subsistence.
(6) Apprenticeship or other training programs authorized by Section 3093, so long as the cost of training is reasonably related to the amount of the contributions.
(7) Worker protection and assistance programs or committees established under the federal Labor Management Cooperation Act of 1978 (Section 175a of Title 29 of the United States Code) to the extent that the activities of the programs or committees are directed to the monitoring and enforcement of laws related to public works.
(8) Industry advancement and collective bargaining agreements administrative fees, provided that these payments are required under a collective bargaining agreement pertaining to the particular craft, classification, or type of work within the locality or the nearest labor market area at issue.
(9) Other purposes similar to those specified in paragraphs (1) to (8), inclusive.

How to Fill out the DAS 140 Correctly:

If the total dollar value of a project exceeds $30,000, apprentice must be requested. The DAS-140 form is to be forwarded directly to an apprenticeship committee of the contractor's choice, and a copy with verification of proof of submission uploaded into SDCRAA Labor Compliance Departments electronic system; LCP Tracker.

Submit the contract award information in writing to **each** of the apprenticeship program sponsors ***in the locality*** of your public works project within **10 days** of the prime execution of the contract or subcontract, but in no event later than the first day in which the contractor has workers employed on the project.

The DAS140 is simply a "notification of award" and is not automatically a request for dispatch of a registered apprentice.

State regulations state a contractor on a public works project must employ one (1) hour of apprentice work for every five (5) hours performed by a journeyman. ***Please follow up with the selected apprenticeship committee to confirm 'Apprentice' to 'Journeyman' ratio, as ratios do vary from trade to trade.***

All contractors must request 'dispatch of an apprentice' from an apprenticeship program (for each apprentice- able craft or trade) by giving the program notice of a minimum of 72 hours (business days only) before the date on which apprentices are required. Contractors who are not already participating in an approved program and who did not receive a sufficient number of apprentices from their initial request, must dispatch apprentices from all other apprenticeship committees within the locality, if more than one exists in the area of the public works project.

What are the differences between box 1, 2, and 3 at the bottom of the DAS 140?

- **Box 1** is for contractors who are already approved to train by an apprenticeship program (signatory/member).
- **Box 2** indicates that a contractor is willing to comply with a program's Standards for the current project only. This generally means that the fringe benefits and the training funds will be paid to that Committee's Trust Fund. It also allows a contractor to take advantage of a more generous maximum ratio than the CAC Standards, but does not affect the minimum ratio of 1 apprentice hour for every 5 journeyman hours.
- **Box 3** means that a contractor will be governed by the regulations of the California Apprenticeship Council. Generally, this means that the minimum and maximum ratio for apprentices is the same – 1 apprentice hour for every 5 journeyman hours per each craft, totaled at the end of the project. It also means the Training Fund Contribution is usually paid to the California Apprenticeship Council.

SELECTING BOXES:

1. Contractor has a signed "**Agreement to Train Apprentice"** with an affiliated (state certified) apprenticeship committee, the contractor has apprentices ***on staff*** and has the ability to train apprentices.
    a. **Must provide a copy of the DAS7 agreement for verification OR a letter from the JATC or UNION stating that the contractor is approved to train apprentices.**

2. Contractor is not currently affiliated with a state approved program, is selecting a committee, and requesting apprentice; will be abiding by **committee's** standards.

3. Contractor will contact a committee and request an apprentice but is not obligating to maintain affiliation w/any-one committee; additionally, contractor will not commit to selected program committee standards but will follow **state standards** (most commonly used for out-of-state contractors).

    a. Per the DAS, this is not the preferred selection; however, the State **is not requiring** a contractor to join a program, just ensuring that apprentices are utilized on Public Work Projects.

PUBLIC WORKS CONTRACT AWARD INFORMATION

Contract award information must be sent to your Apprenticeship Committee if you are approved to train. If you are not approved to train, you must send the information (which may be this form) to ALL applicable Apprenticeship Committees in your craft or trade in the area of the site of the public work. Go to: http://www.dir.ca.gov/das/PublicWorksForms.htm for information about programs in your area and trade. You may also consult your local Division of Apprenticeship Standards (DAS) office whose telephone number may be found in your local directory under California, State of, Industrial Relations, Division of Apprenticeship Standards.

Do not send this form to the Division of Apprenticeship Standards.

NAME OF YOUR COMPANY	CONTRACTOR'S STATE LICENSE NO
MAILING ADDRESS- NUMBER & STREET, CITY, ZIP CODE	AREA CODE & TELEPHONE NO.
NAME & ADDRESS OF PUBLIC WORKS PROJECT	DATE YOUR CONTRACT EXECUTED
	DATE OF EXPECTED OR ACTUAL START OF PROJECT
NAME & ADDRESS OF PUBLIC AGENCY AWARDING CONTRACT	ESTIMATED NUMBER OF JOURNEYMEN HOURS
	OCCUPATION OF APPRENTICE
THIS FORM IS BEING SENT TO: (NAME & ADDRESS OF APPRENTICESHIP PROGRAM(S))	ESTIMATED NUMBER OF APPRENTICE HOURS
	APPROXIMATE DATES TO BE EMPLOYED

This is not a request for dispatch of apprentices.

Contractors must make a separate request for actual dispatch, in accordance with Section 230.1(a) California Code of Regulations

Check One Of The Boxes Below

1. ☐ We are already approved to train apprentices by the Apprenticeship Committee. We will employ and train under their Standards. _____ Enter name of the Committee

2. ☐ We will comply with the standards of _____ Apprenticeship Committee for the duration of this job only. Enter name of the Committee

3. ☐ We will employ and train apprentices in accordance with the California Apprenticeship Council regulations, including § 230.1 (c) which requires that apprentices employed on public projects can only be assigned to perform work of the craft or trade to which the apprentice is registered and that the apprentices must at all times work with or under the direct supervision of journeyman/men.

Signature _____ *Date*

Typed Name _____

Title _____

State of California - Department of Industrial Relations DIVISION OF APPRENTICESHIP STANDARDS

DAS 140 (REV. 1/04)

AGREEMENT TO TRAIN APPRENTICE

District No. .....

DAS File No. .....

NAME OF EMPLOYER				
MAILING ADDRESS (STREET AND NUMBER)	CITY	STATE	ZIP CODE	TELEPHONE NUMBER
ADDRESS OF TRAINING LOCATION (IF DIFFERENT)				
OCCUPATION(S)				O*Net Code
NAME OF APPRENTICESHIP COMMITTEE AND STANDARDS				
AREA COVERED BY APPRENTICESHIP STANDARDS or NAME AND ADDRESS OF PROJECT				

THE OFFICIAL, whose signature follows, agrees on behalf of the above-named employer to train apprentices in the designated occupation in accordance with the apprenticeship standards and apprentice agreement and to comply with the provisions thereof.

[SIGNED] By .....

Printedname .....

Title ..... **Date** .....

THE APPRENTICESHIP COMMITTEE accepts and approves the employer as qualified to train apprentices under its standards in the designated occupation.

[SIGNED] By .....

Printedname .....

Title ..... **Date** .....

Accepted:
DIVISION OF APPRENTICESHIP STANDARDS

Effectiveuntil:

☐ **Revoked**

☐ **End of Project** (Enter project name and address in Area Covered above)

☐ **Date** .....
Date

☐ **Other** .....
Specify

EFFECTIVE DATE

[SIGNED] By ..... **Date** .....
Apprenticeship Consultant

REMARKS:

STATE OF CALIFORNIA
DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF APPRENTICESHIP STANDARDS

AGREEMENT TO TRAIN APPRENTICES

District No. _____

DAS File No. _____

NAME OF EMPLOYER				
MAILING ADDRESS (STREET AND NUMBER)	CITY	STATE	ZIP CODE	TELEPHONE NUMBER
ADDRESS OF TRAINING LOCATION (IF DIFFERENT)				
OCCUPATION(S)				O*Net Code
NAME OF APPRENTICESHIP COMMITTEE AND STANDARDS				
AREA COVERED BY APPRENTICESHIP STANDARDS or NAME AND ADDRESS OF PROJECT				

THE OFFICIAL, whose signature follows, agrees on behalf of the above named employer to train apprentices in the designated occupation in accordance with the apprenticeship standards and apprentice agreement and to comply with the provisions thereof.

[SIGNED] By _____

Printed name _____

Title _____ Date _____

THE APPRENTICESHIP COMMITTEE accepts and approves the employer as qualified to train apprentices under its standards in the designated occupation.

[SIGNED] By _____

Printed name _____

Title _____ Date _____

Accepted:
DIVISION OF APPRENTICESHIP STANDARDS

Effective until:

- ☐ Revoked
- ☐ End of Project (Enter project name and address in Area Covered above)
- ☐ Date _____ (Date)
- ☐ Other _____ (Specify)

EFFECTIVE DATE

[SIGNED] By _____ Date _____
Apprenticeship Consultant

REMARKS:

MUST be signed by both Committee and DAS prior to submission

STATE OF CALIFORNIA
DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF APPRENTICESHIP STANDARDS

DAS 7 (REV 11/09)

D. O.	FILE NUMBER

A	B	C	D	E	Official Use
Gender	Ethnic	Dependents	Education	Yrs Employ	STATUS

State of California -- Department of Industrial Relations --DIVISION OF APPRENTICESHIP STANDARDS

APPRENTICE AGREEMENT

APPRENTICE LAST NAME, FIRST NAME MIDDLE		SOCIAL SECURITY NUMBER
APPRENTICE ADDRESS (NUMBER AND STREET / CITY, STATE & **ZIP)**	BIRTHDATE (mm/dd/yyyy)	F - VETERAN Yes: ☐ No: ☐
COUNTY OF RESIDENCE		
OCCUPATION		O*Net code
TERM OF APPRENTICESHIP Hours Within Years	STRAIGHT TIME Hours per day: 8	Hours per week: 40

This agreement is between the above-named apprentice employed by the below named employer, and

PROGRAM SPONSOR

AGREEMENT: The undersigned parties mutually agree that they will use their best endeavors to secure employment and training for the apprentice. The apprentice agrees to perform satisfactorily all work and learning assignments. The provisions of the Apprenticeship Standards for the above occupation adopted by the program sponsor and approved by the Chief of the Division of Apprenticeship Standards are hereby made a part of this agreement. An official copy of the standards is on file in the headquarters of the Division of Apprenticeship Standards. This apprentice agreement will continue in effect until the training is completed or otherwise terminated in accordance with the standards.

The apprentice commences participation under these standards on the date of execution of this agreement by the Apprentice. The signatory apprentice is credited with having_____months toward completion of the term of apprenticeship. The apprentice is expected to complete training on or about_____, 20___, upon satisfactory completion of the total remaining hours of on-the-job training and hours and/or units of related and supplemental instruction.

APPRENTICE: I, the undersigned apprentice, understand and agree that there is a valid and reasonable necessity that those academic records accumulated throughout related and supplemental instruction during my period of apprenticeship be made available to the apprenticeship committee. Further, I agree to release to the apprenticeship committee any other academic records which I feel may enhance my status as an apprentice.

I, the undersigned apprentice, hereby request that the Administrator of Apprenticeship terminate any other apprenticeship agreements in which I am currently registered.

Executed this_____day of_____, 20____by _____
DAY MONTH YEAR SIGNATURE OF APPRENTICE

AGREED TO BY THE EMPLOYER

SIGNATURE OF PARENT OR GUARDIAN (IF APPRENTICE IS 16 OR 17)

AGREED TO AND APPROVED BY, FOR THE COMMITTEE

SIGNATURE OF EMPLOYER OR ITS REPRESENTATIVE TITLE

NAME OF EMPLOYER

ADDRESS

SIGNATURE -- SECRETARY / CHAIR / COORDINATOR DATE

ACCEPTED BY DAS

SIGNATURE -- APPRENTICESHIP CONSULTANT DATE

for unilateral programs only]
This agreement is approved by _____ for the Administrator of Apprenticeship

TO THE APPRENTICE: California Civil Code Sec. 1798.17 requires State agencies which collect personal information to indicate the authority under which the data are requested. If personal information not specifically authorized by law is requested, individuals must be informed that supplying the information is voluntary. It also provides that state agencies may change or modify records at the request of the individual.

Questions C and E below are voluntary. All others are authorized by law, as indicated by the reference in each section. If the authorized questions are not answered, the apprentice agreement cannot be accepted.

The Division hopes, through collection of this data, to improve the apprenticeship program both for those presently enrolled and for future apprentices. Thank you.

CALIFORNIAAPPRENTICEQUESTIONNAIRE

(USE INK OR BALLPOINT PEN)

A. Gender

☐ Male ☐ Female

(Cal. Code of Regulations, Title 8, Ch. 2, Sec. 215

B. Ethnic or Race Derivation (**Check only one)**

1 ☐ WHITE (Not of Hispanic Origin) -- A person having origins in any of the original peoples of Europe, North Africa or the Middle East.

2 ☐ BLACK (Not of Hispanic Origin) -- A person having origins in any of the Black racial groups of Africa.

ASIAN OR PACIFIC ISLANDER -- A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands. The area includes, for example, China, Japan, Korea and Samoa.

A	☐	Asian	Asian Indian
B	☐	Asian	Bangladeshi
C	☐	Asian	Chinese
D	☐	Asian	Cambodian
6	☐	Asian	Filipino
E	☐	Asian	Hmong
I	☐	Asian	Indonesian
J	☐	Asian	Japanese
K	☐	Asian	Korean
L	☐	Asian	Laotian
M	☐	Asian	Malaysian
P	☐	Asian	Pakistani
R	☐	Asian	Sri Lankan
T	☐	Asian	Taiwanese
U	☐	Asian	Thai
V	☐	Asian	Vietnamese
F	☐	Native Hawaiian	Fijian
G	☐	Native Hawaiian	Guamanian
H	☐	Native Hawaiian	Hawaiian
S	☐	Native Hawaiian	Samoan
W	☐	Native Hawaiian	Tongan

4 ☐ AMERICAN INDIAN OR ALASKAN NATIVE -- A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

7 ☐ HISPANIC -- A person of Mexican, Puerto Rican, Cuban, South Central American or other Spanish culture or origin, regardless

C. Number of Dependents (Do not count yourself)

0	☐ None	4	☐ Four
1	☐ One	5	☐ Five
2	☐ Two	6	☐ Six of More
3	☐ Three		

D. Highest Year of Education Completed

1	☐ 8th Grade or less	6	☐ 1 Year of College
2	☐ 9th Grade	7	☐ 2 Years of College
3	☐ 10th Grade	8	☐ 3 Years of College
4	☐ 11th Grade	9	☐ 4 or more Years of College
5	☐ 12th Grade (or GED Certificate)		

(Cal. Labor Code, Ch. 4, div. 3, Sec. 3076.3)

E. Number of Years You Have Been Employed Full Time to Date (Except for Military Service)

0	☐	None
1	☐	Less Than 1 Year
2	☐	1 But Less Than 2 Years
3	☐	2 But Less Than 3 Years
4	☐	3 But Less Than 4 Years
5	☐	4 But Less Than 5 Years
6	☐	5 Years or More

F. Have You Served on Active Duty (other than reserve status) in the U. S. Armed Forces?

☐ Yes ☐ No

If yes, Please Enter:

Month and Year Entered _

Month and Year Separated _

Total Months served on Active Duty _____

Apprentice's Signature _____

REQUEST FOR DISPATCH OF AN APPRENTICE – DAS 142 FORM

DO NOT SEND THIS FORM TO DAS

You may use this form to request dispatch of an apprentice from the Apprenticeship Committee in the craft or trade in the area of the public work. Go to: http://www.dir.ca.gov/databases/das/pwaddrstart.asp for information about programs in your area and trade. You may also consult your local Division Apprenticeship Standards (DAS) office whose telephone number may be found in your local directory under California, State of, Industrial Relations, Division of Apprenticeship Standards. **Except for projects with less than 40 hours of journeyman work, you must request and employ apprentices in no less than 8 hour increments**.

Date:

To Applicable Apprenticeship Committee:

Name: _____

Address: _____

_____

Tel. No. _____ **Fax No.** _____

Contractor Requesting Dispatch:

Name: _____

Address: _____

_____

License No. _____

Tel. No. _____ **Fax No.** _____

Project Information:

Contract No. _____

Name of the Project: _____

Address: _____

Dispatch Request Information:

Number of Apprentice(s) Needed: _____ **Craft or Trade:** _____

Date Apprentice(s) to Report: _____ **(72 hrs. notice required) Time to Report:** _____

Name of Person to Report to: _____

Address to Report to: _____

You may use this form to make your written request for the dispatch of an apprentice. Requests for dispatch must be in writing and submitted at least 72 hours in advance (excluding weekends and holidays) via first class mail, fax or email. ***Proof of submission may be required.*** *Please take note of California Code of Regulations, Title 8, § 230.1 (a) for all applicable requirements regarding apprenticeship requests and/or visit http://www.dir.ca.gov/DAS/DASApprenticesOnPublicWorksSummaryOfRequirements.htm*

DAS 142 (Revised 04/14)


DIR
CALIFORNIA
DEPARTMENT OF
INDUSTRIAL
RELATIONS

Documents Required During the Life of the Construction Project

1. **CAC-2- Training Fund Contribution Form:**
   a) All Contractors must submit a CAC-2 Form monthly for the prior month's hours.
   b) This form is now available to be filled out on the DIR website. The previous CAC- 2 form is to be disregarded. CAC-2 forms **must** be done electronically. The link is as follow: https://www.dir.ca.gov/das/tf/cac2.asp. You must enter all requested information in order to ensure successful submission and processing of your payment. You will need to have a working printer currently connected to your computer in order to print the complete paper form in the end of this session that you will upload in to LCPtracker.net and send with your payment when mailed. The address is as follows:

      State of California
      Department of Industrial Relations California
      Apprenticeship Council
      P.O. Box 511283
      Los Angeles, CA 90051-7838

   c) If applicable and fringes are paid directly to an approved JATC or Union Shop, please state so and fill out on the Training Fund Contribution Union Contractor form that is provided and available to be downloaded on LCPtracker. Filled out forms are uploaded into LCPtracker.net under the e- Documents tab.

2. **Training Fund Contribution Letter Form:**
   a) All Contractors must submit a Training Fund Contribution Letter monthly for the prior month's hours.
   b) If applicable and fringes are paid directly to an approved Union Shop, please submit the Union Status Letter stating that the Contractor is up to date with all fringe and training fund contributions for the requested month. The letter should specify the month, project name, and project number.
   c) If you can't provide a letter and the DAS has not been updated with your contribution at Contractor may provide a copy of a **cancelled** check submitted to the proper JATC or the DAS with the amount that matches that on the CAC-2. You may check the status of your contributions submitted to DAS online at: http://www.dir.ca.gov/CAC/trainingfund/Tfsearch.html. This may also be submitted in lieu of the Training Fund Contribution Letter.

3. **Certified Payroll Reports CPR's and/or Non-Performance Reports:**
   a) To be submitted by all Contractors working on the project to the City of Sacramento and the Department of Industrial Relations Electronic Certified Payroll Records site.
   b) The reports submitted to the City of Sacramento are submitted through the contracted electronic reporting program, LCPtracker.net, which can be found online at www.lcptracker.net. If you don't already have a user name and password for this website, please contact your labor compliance officer with the City of Sacramento to be set up.
   c) The Electronic Certified Payroll Records for Contractors can be found at the following link: https://apps.dir.ca.gov/ecpr/DAS/AltLogin
   d) Submit CPR/NPR weekly; starting (10) calendar days after the close of your pay period. This is when you begin onsite/offsite "craft" labor. This may mean you have weeks in between work on a particular job. NPR's will need to be submitted for that timeframe.

4. **Apprenticeship Certification and/or Apprentice Agreement:**
   a) The first time an apprentice is listed on a certified payroll report an "Apprenticeship Certification" or Apprentice Agreement (DAS-1 form) must be submitted for each apprentice utilized.
   b) Please upload the Apprenticeship Certification or DAS-1 form in the e- Documents section of LCPtracker.net, add the apprentice ID and pertinent information under the employee information and notify the labor compliance officer in your department that approval is need prior to certification of payroll.

5. **Miscellaneous Documents:**
   a) Authorization for Deductions:
      i. Voluntary deductions require an Authorization for Deductions form; garnishments require a copy of notice (redact personal information). A form has been provided on LCPtracker to address other deductions that are recorded on the Certified Payroll Reports submitted.
   b) Receipt for Payment of Back Wages:
      i. For use when wage errors require supplemental wage payment (s).

0 CAC - Training Fund Contributions

You must enter all requested information in order to ensure successful submission and processing of your payment.
Training Fund Contributions are due on the 15th of each month.

All fields with· are required

If there is no work for a particular month you do not need to submit a CAC2 form with zero amount for that month.

You must use the **BUTTON** on the bottom of the page to submit for an invoice coupon
TO NAVIGATE BETWEEN FIELDS, DO NOT HIT RETURN OR ENTER KEY AFTER EACH ENTRY USE THE TAB KEY INSTEAD

You need to have a working printer currently connected to your computer in order to **print** the complete paper form in the end of this session so that you can mail it with your payment

Training Fund Contributions Form CAC2

Date: S/17/2016

CLEAR FORM

ContractorfSub Contractor making contributions	**Contractor**	**Period covered by contribution** (from-to)	**Jobsite Location** (including County)
• **Name:**	• License Number	• Period Start	If applicable, give name of school, hospital, building, etc
• Address:	• ContracUProject Number	• Penod End: (MM/DD/YYYY)	Comments
"City:			
"Stat6			
"ZIP:			

" Name of the submitting party:	• Submitter's Title:	· **Submitter's Email:**	***Submitter's Phone:** e.g., (999) 999-9999

Instructions: You may want to use the keyboard TAB key to navigate the fields and the Up fl | Down V ARROW keys to select a list item

	• **County of Work**	• **Classificationl**	... **Hours** (min.: 0.5; max: 9 999.99)	• **Rate** (min.: 0.01; max: $9.99)	**Amount**
"1)	I Select a county	I Select an occupation			$ 0.00
2)	I Select a county	I Select an occupation •		$	$ 000
3)	I Select a county	I Select an occupation "		$	$ 000
4)	I Select a county	I Select an occupation ..-		$	$ 0.00
5)	I Select a county	I Select an occupation •		$	$ 000
6)	I Select a county	I Select an occupation ..-		$	$ 000
7)	I Select a county	I Select an occupation ..-		$	$ 0.00
8)	I Select a county	I Select an occupation •		$	$ 000
9)	I Select a county	I Select an occupation ..-		$	$ 0.00
10)	I Select a county	I Select an occupation ..-		$	$ 0.00
11)	I Select a county	I Select an occupation •		$	$ 000
12)	I Select a county	I Select an occupation ..-		$	$ 0.00
13)	I Select a county	I Select an occupation ..-		$	$ 0.00
14)	I Select a county	I Select an occupation •		$	$ 000
15)	I Select a county	I Select an occupation ..-		$	$ 0.00
16)	I Select a county	I Select an occupation ..-		$	$ 0.00
17)	I Select a county	I Select an occupation •		$	$ 000
18)	I Select a county	I Select an occupation ..-		$	$ 0.00
19)	I Select a county	Select an occupation •		$	$ 000
20)	I Select a county	Select an occupation ..-		$	$ 0.00

Footnote 1 - If you are unable to locate the occupation m the pull down menu, please click on this link:
http://Www.d1r.ca.gov/databases/das/pwaddrstart.asp for specific information assistance.

TOTAL AMOUNT: $ **0.00**

When done with some or all the entries above, please carefully review and then enter the green code you see below:



Calculate Total Amount

The electronic submission of the CAC-2 Form is to be used in place of the previous CAC-2 Form that was submitted on LCPtracker. This form can be retrieved at: https://www.dir.ca.gov/das/tf/cac2.asp. You need to have a working printer currently connected to your computer in order to print the complete paper form in the end of this session so that you can mail it with your payment. Payments are to be mailed to State of California, Department of Industrial Relations, California Apprenticeship Council, and P.O. Box 511283, Los Angeles, CA 90051-7838

City of SACRAMENTO

Please use a separate form for each jobsite, listing the occupations for the jobsite and dollar amount paid for each classification. Once checks have been sent to the appropriate JATC please upload this form to LCPtracker under the e-Documents tab. A letter from the specific JATC or Union specifying that the required Training fund contributions and Fringe Benefits were paid will be accepted as proof of payment.

TRAINING FUND CONTRIBUTIONS

VERFICATION FORM UNION CONTRACTORS

****Training Fund Contributions are due on the 15th of each month****

PLEASE TYPE OR PRINT IN BLACK OR BLUE INK. ALL FIELDS MUST BE FILLED IN TO ENSURE COMPLETION OF LABOR COMPLIANCE REQUIREMENTS.

NAME AND ADDRESS OF CONTRACTOR/SUB CONTRACTOR MAKING CONTRIBUTION	CONTRACTOR'S LICENSE NUMBER
	CONTRACT OR PROJECT NUMBER
NAME AND ADDRESS OF PUBLIC AGENCY AWARDING CONTRACT	JOBSITE LOCATION (INCLUDE COUNTY) IF APPLICABLE - GIVE NAME OF SCHOOL, HOSPITAL, BUILDING, etc.
	PERIOD COVERED BY CONTRIBUTION (FROM - TO)

CLASSIFICATIONS OF WORKERS (CARPENTER, PLUMBER, ELECTRICIAN, ETC).	COUNTY WORK PERFORMED IN	ALL HOURS	CONTRIBUTION RATE PER HOUR	AMOUNT
			TOTAL	

IF APPRENTICES WERE EMPLOYED, PLEASE LIST THE APPRENTICESHIP PROGRAM AND NUMBER OF APPRENTICE HOURS WORKED

TYPE OR PRINT YOUR NAME AND TITLE	DATE
EMAIL	AREA CODE & TELEPHONE NUMBER

City of SACRAMENTO

AUTHORIZATION FOR PAYROLL DEDUCTION

Project Name:
Project Number:
Employee Name:

1) Reason for Deduction:
Percentage/Amount of Deduction: **%** **OR $$** Start Date
Frequency of Deduction:
Termination Date:

2) Reason for Deduction:
Percentage/Amount of Deduction: **%** **OR $$** Start Date
Frequency of Deduction:
Termination Date:

3) Reason for Deduction:
Percentage/Amount of Deduction: **%** **OR $$** Start Date
Frequency of Deduction:
Termination Date:

4) Reason for Deduction:
Percentage/Amount of Deduction: **%** **OR $$** Start Date
Frequency of Deduction:
Termination Date:

5) Reason for Deduction:
Percentage/Amount of Deduction: **%** **OR $$** Start Date
Frequency of Deduction:
Termination Date:

6) Reason for Deduction:
Percentage/Amount of Deduction: **%** **OR $$** Start Date
Frequency of Deduction:
Termination Date:

Use additional copies of this form if necessary.

I authorize (Employer):
to process the deductions from my payroll as noted above.

Employee Signature:_____ Date Signed: _____

Instructions:

1) Submit into LCPtracker
2) Keep signed originals

Contractors Certificate of Completion – Form 264

To be completed by the Prime Contractor at time of completion.

Project Name & Number	
Contractor Name	

I,_____(Name),_____(Title) of _____ _____(Company Name), declare under penalty of perjury that:

I know of my personal knowledge, and do hereby certify, that the work of the contract described above has been performed, and materials used and installed in every particular, in accordance with, and in conformity to, the contract drawings and specifications.

The contract work is now complete in all parts and requirements, and ready for your final inspection.

I understand that neither the determination by the Engineer-Architect that the work is complete, nor the acceptance thereof by the City, shall operate as a bar to claim against the Contractor under the terms of the guarantee provision of the contract documents.

Executed this_____day of_____20____, at_____, California.

_____	_____	_____
Signature	**Title**	**Date**

City of SACRAMENTO

Checklist of Documents Required for Labor Compliance on LCPtracker.net

- ✓ **PW300** - This is due and needs to be uploaded prior to start of work. If any changes are made or substitution of sub-contractors are approved a new form should be uploaded and Labor Compliance should be notified.

- ✓ **Authorization Letter for Signing Certified Payroll** - This is due prior to the submission of the first Certified Payroll Report and must be signed.

- ✓ **Checklist of Labor Law Requirements** - prime due this on or before starting the start of work on the jobsite, subs need to have this finished prior to starting work on the job. All boxes must be checked, and it must be signed.

- ✓ **Fringe Benefit Statement** - due with first CPR and must be submitted for each subcontractor as well. ALL FRINGES TO BE REPORTED WITH HOURLY AMOUNT.

- ✓ **DAS140** - due prior to commencing work on a project (one for each determination)

- ✓ **DAS142** - due 72 hours prior to the report date on a project (one for each determination)

- ✓ **CAC2** - due monthly- one for each determination (due on the 15th day of the month for work performed during the preceding month) If Union Contractor please upload for with amounts paid and where money was paid to even if it is not the CAC.

- ✓ **Training Fund Contribution Confirmation Letter** – this is due monthly for the duration of the project. Both CAC-2 and Training Fund Contribution Letters are to be uploaded to LCPtracker.net.

- ✓ **CPR's**- Certified payroll is due within 10 days of pay period end date

LCPtracker.net phone support is available via live chat through their website, by phone at (714) 669-0052 Option 4 (if they do not pick up please leave a message and they will get back to you. All calls are logged in with a date and time, but if you don't leave a message you will not get a phone call back) and by **E-mail at** support@lcptracker.com**.** To assist those at support please include your User ID, a direct call back number, contact name and a brief description of the issue you are facing.

All forms are available under the e-Documents tab on LCPtracker. It is best practice to use the forms that have been provided to you under that e-docs tab to increase efficiency in processing pay request and remain compliant.

Helpful Links and Contact Information

- **Department of Industrial Relations (DIR):**
  - Web-Link: http://www.dir.ca.gov/
  - Contact DIR: http://www.dir.ca.gov/Contactus.html

- **Division of Labor Standards Enforcement (DLSE):**
  - Web-Link: http://www.dir.ca.gov/dlse/dlsepublicworks.html

- **Division of Apprenticeship Standards (DAS):**
  - Web-Link: http://www.dir.ca.gov/das/das.html

- Apprentice Certification:
  - Web-Link: http://www.dir.ca.gov/das/appcertpw/AppCertSearch.asp

- CAC Public Works Training Fund Contributions:
  - Web-Link: http://www.dir.ca.gov/CAC/trainingfund/Tfsearch.html

- **California General Prevailing Wage Determination:**
  - Web-Link: http://www.dir.ca.gov/OPRL/pwd/ (Journeymen)
  - http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp (Apprentice)

- **Davis Bacon Wage Determination Rates:**
  - Web-Link: http://www.wdol.gov/dba.aspx

- **Public Works Information- Frequently Asked Questions:**
  - Web-Link: http://www.dir.ca.gov/das/publicworksfaq.html

- **LCPtracker.net**
  - Web-link: https://lcpprod.lcptracker.net/Lcp/WebForms/Login.aspx
  - Support Phone Number: 714-669-0052
    Option 4 E-mail: support@lcptracker.com

THINGS TO REMEMBER:

Labor Compliance Forms due Prior to Work Beginning (Prime and all Sub Tier Contractors)

1) **Authorized Letter for Signing Certified Payroll** (Original signature required)
2) **List of Trades and/or Crafts**
3) **PW-300- List of all sub-contractors and suppliers.** (This **must be** updated if changes occur and **all contractors** listed must have a **DIR registration number** prior to commencing work on the project.
4) **Checklist of Labor Law Requirements-** (All boxes checked and signed)
5) **Public Works Contract Award Information (DAS 140)** (With verified proof of service)
6) **Request for Dispatch of an Apprentice (DAS 142)** (With verified proof of service)
7) **Fringe Benefit Statement Form-**(For Each Determination) (Due before first Certified Payroll and then only when a change occurs)
8) **Authorization for Payroll Deduction** (Original signature required) (Deductions other than standard deductions must be authorized by the employee)

Labor Compliance FormsDue Weekly:

- **Certified Payroll Form** (LCP Tracker Electronic Payroll and upload of payroll to DIR website)
- **Statement of Compliance** (LCP Tracker Electronic Payroll)
- **Statement of Non-Performance** (Due when work is not performed once on job- site)

✓ Work over 8 hours in a day or 40 hours in a week must be paid at the overtime rate. Refer to wage determination that is provided by the DIR for the applicable rate.

✓ Certified payroll records must be numbered **consecutively,** starting with the first week work is physically performed on site

✓ Last certified payroll must be marked **"FINAL".**

Training Fund Contribution forms are due **monthly** beginning immediately after work has been performed on site.

Single Asterisk (*):

Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research for specific rates at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Double Asterisks(**):

The rate to be paid for work performed after this date has been determined. If work will extend past this date the new rate must be paid and should be incorporated in contracts entered into now. Contact the Division of Labor Statistics and Research for specific rates at (415) 703- 4774.

Employee Interviews on job site:

Interviews are done to obtain information to verify correct wages are being recorded on the certified payrolls for the given craft/classification and to ensure contract compliance.



Contractor Quick-Start Guide

Phone: 714-669-0052 **Email:** info@lcptracker.com **Web:** lcptracker.com **Address:** 117 E. Chapman Ave. Orange, CA 92866

Revised 09/15/2020

CONTRACTOR QUICK START GUIDE

Here at LCPtracker (Labor Compliance Program Tracker), we are aware that using a Prevailing wage software may be a new undertaking for many Contractors. We have designed this guide to explain what LCPtracker is used for and how to start using the software.

LCPtracker has been in business since 2001, and we are constantly changing to better suit your labor compliance needs. LCPtracker is used by over 200 Government Agencies and 55,000 Contractors.

LCPtracker is an online, cloud-based software company that provides users with the proper tools to easily ensure that each contractor is meeting prevailing wage guidelines as well as to easily create the detailed reports that can be required by agencies like the United States Army Corp of Engineers or the FHWA.

Whether it's Davis-Bacon laws that are set by the United States Department of Labor (USDOL), California prevailing wages set by the Department of Industrial Relations (DIR), or any other labor laws set by a specific state or local government agency, LCPtracker makes it easy to guarantee that every Contractor is compliant.



HOW DOES IT WORK?

The LCPtracker service is a paperless, online system of entering Certified Payroll Reports (CPRs). Payroll data may be entered directly into the system, or uploaded from major construction accounting systems or payroll programs. This service eliminates the need for Contractors to submit paper documents and forms while providing an online database that stores all CPRs.

All contract-specific wage rates, fringe rates and worker crafts/classifications are online within the system, and Contractors may then select craft/classifications from a drop-down menu. Potential errors in wage rates or work classification entries are flagged to Contractors preemptively, allowing them to correct data prior to submittal. (This is contingent on how the Agency sets up their project validations.)

A few of the **immediate benefits** experienced by using LCPtracker are:

- All Contractor reports are available instantly to Contractors in hardcopy and electronic format.
- No need to mail in paperwork! Payrolls will be submitted electronically.

There is no cost to Contractors for this service or for online training and we have a dedicated Support staff available Monday through Friday from 5:00am until 5:30pm PST.

CONTACTING LCPTRACKER SUPPORT

Contractors may access the various options for training after receiving a User ID and password, which will be sent by a "no reply" email address from LCPtracker (i.e., NOREPLY@LCPtracker.com.) This email, with login instructions, will be sent to Contractors once they're assigned to an account in LCPtracker by your Agency or Prime Contractor. Every Contractor account is created by the Agency or their Prime Contractor. Complete and full support is offered directly to Contractors by LCPtracker for any technical questions on the use of the software.

Contact LCPtracker Support



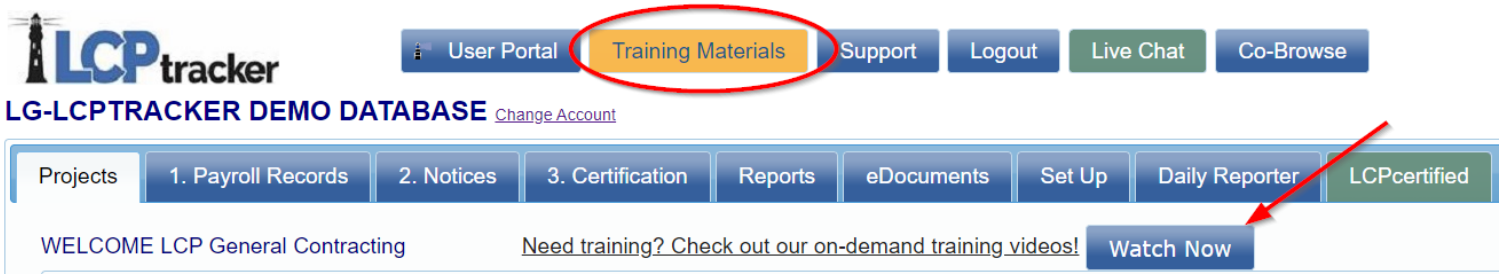
- 714-669-0052 option 4; or
- Support@LCPtracker.com; or
- Live Chat

If you send the Support Team an email or prefer to leave a voice message, LCPtracker asks that you include the information listed below. (Because of the high number of users stored within LCPtracker, we cannot look up your account with only your company name or project you are working on.)

- Your Company Name
- Your User ID
- Your Name and Phone Number
- What the Issue is – please be a specific as possible so we can re-create the issue

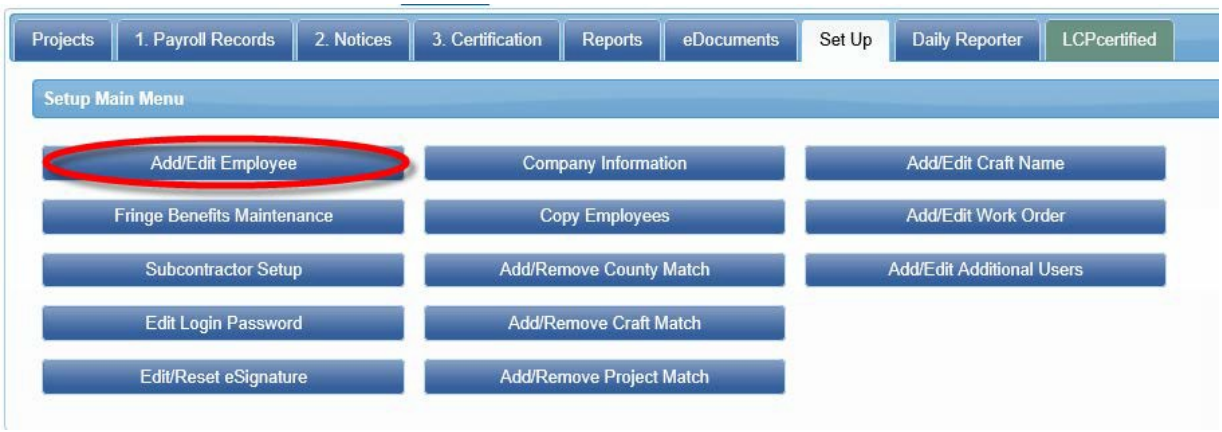
LCPTRACKER TRAINING OPTIONS

Contractors may access the various options for training after receiving a User ID and password. An email with login instructions will be sent to Contractors once they are assigned to an account in LCPtracker. Every Contractor account is created by the Agency or their Prime Contractor.



ADD/EDIT EMPLOYEE

To add an employee into system or edit someone already in system, click on ***Set Up*** and then ***Add/Edit Employee***.



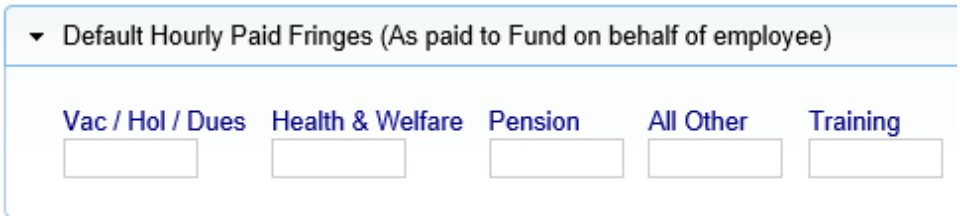
Add / Edit Employee Information

This section is used to enter Contractor employees and their personal information. Enter the appropriate employee information in the data fields. Tab key or mouse click to move between fields. Any **RED** asterisk field is required by the Agency, and the system will not save unless the information is entered in the required fields.

Default Hourly Paid Fringes (As paid to Fund on behalf of employee)

This section is known as a “time saver”. You may wish to fill in the hourly fringe rates in this section. This will allow for ease of use when entering payroll records manually, as you will be able to click the “calculate fringes” button on the Payroll Entry screen, and the system will perform the mathematical calculation of the hourly fringes multiplied by the hours worked. (Keep in mind that if you have any predetermined increases, or your Union updates once a year, you will need to come back to this section and update your fringes accordingly.)

If you have multiple projects with different fringe rates, built in increases, or everyone has the same fringes and you only want to enter those dollar values once, you may wish to skip this section and use the Fringe Benefit Maintenance table to enter your hourly fringe rates into system. (Note that any fringe amount entered in this section will supersede the fringe amount entered in that time saver section of the employee setup.)



Default Other Deductions Notes

Any deduction that is permissible according to the USDOL or your Agency (such as IRS garnishments, child support, a company loan, etc.) would fall under this “other” deduction section. Any amount listed in “other” will then dictate that “other deduction notes” is required. You can always come back and add/edit the employee and enter value in this section to save yourself time.

1. PAYROLL RECORDS

There are five methods of payroll entry available to all Contractors:

1. Copy Payroll feature in LCPtracker
2. Upload from a payroll system export file
3. Upload from the Excel spreadsheet
4. Direct Payroll Subscription / Interface (DPI)
5. Manual entry

We will be discussing manual entry in detail below, but here is some information regarding the other four:

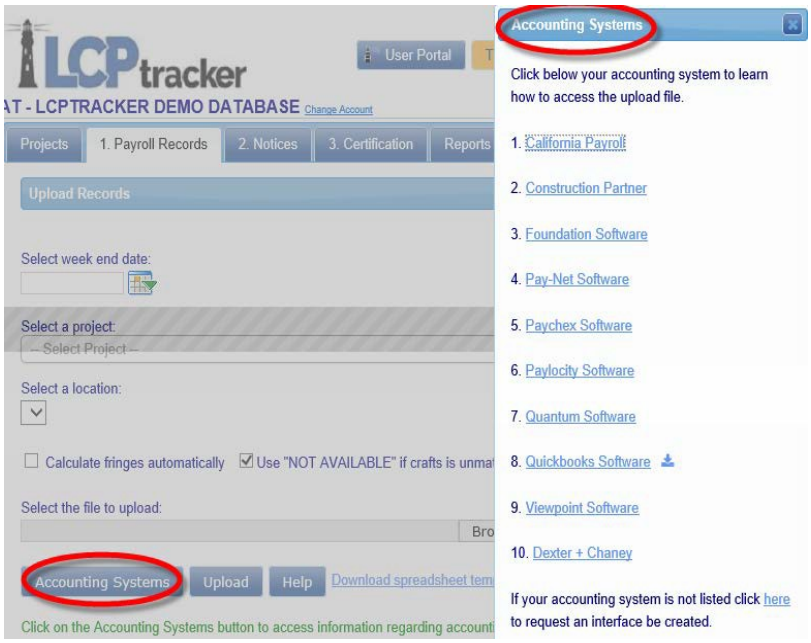
1. COPY PAYROLL

This option is only available if you have already completed a week of payroll. Once you’re in the Payroll Records tab, simply click on the “Copy Previous Payroll” button, select your project, then select the CPR you’d like to copy.



2. UPLOAD FROM A PAYROLL SYSTEM EXPORT FILE

From the Payroll Record tab, click on the “Upload Records” button. Further click on the “Accounting Systems” button, and you will see a partial list of the payroll companies that we have partnered with to create a payroll interface, or export file. To see a complete list of payroll interfaces available, please visit www.lcptracker.com, and click on Partners>Payroll Interfaces. If you do not find your payroll company, and would like to see if there is an opportunity to partner, please fill out the informational form listed under the “Upload Records” section and someone from LCPtracker will contact you.



Payroll Accounting System

ADP Workforce Now
Benepay Technologies
California Payroll
COINS
ComputerEase
Computer Guidance
Construction Partner
Foundation
JobPower Software
Paychex
Paycom
Payday Workforce Solutions
Paylocity
Pay-Net
Payroll People Inc - PPI
Payroll Systems -
Quantum Systems
Sage 100 & 300 – via Event 1 Software
Sunburst
Timberline – via Event 1 Software
Ultimate Software - UltiPro
Viewpoint – ProContractor
Viewpoint – Spectrum (Formerly Dexter-Chaney)
Viewpoint – Vista

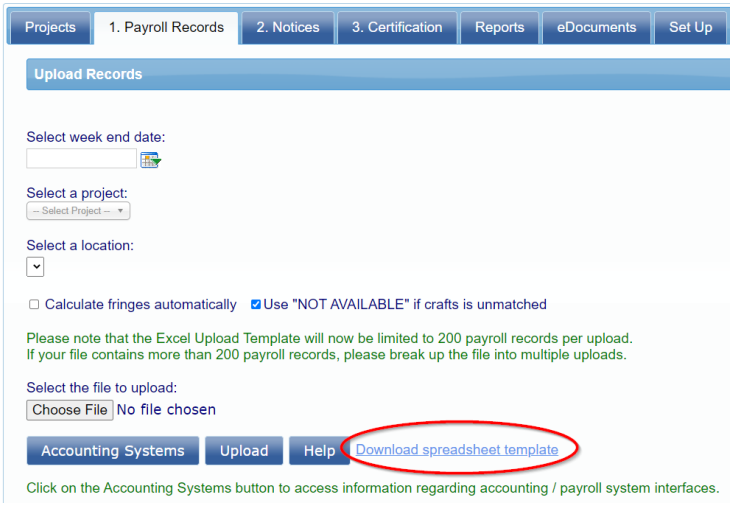
You can click on the name of your payroll company, and you will either find a list of directions on how to obtain your export file, or you will see a request that you contact your payroll company directly for instructions on how to obtain that export file.

Once you have it, you can use it to upload your CPR from that “Upload Records” button. For more information, feel free to either contact Support, or look in the Training Materials section for more detailed instructions.

3. UPLOAD FROM THE EXCEL SPREADSHEET

LCPtracker has an Excel spreadsheet template available for you to download in the same “Upload Records” section mentioned above. There is a legend as well as instructions available on the Excel template.

You can manually enter info into this Excel spreadsheet, or you can confer with your IT department to see if they can utilize this spreadsheet to create a report out of your existing payroll system.



4. DIRECT PAYROLL SUBSCRIPTION / INTERFACE (DPI)

This is another option available to Contractors who would prefer to not enter their CPRs manually, do not want to use the Excel spreadsheet, and do not use a payroll company that LCPtracker partners with. You can choose to have LCPtracker map your existing payroll so that you may use it (as a PDF or .CSV file) as an upload file. Once you have it, you can use it to upload your CPR from that "Upload Records" button.

For more information, feel free to either contact Support, or look in the Training Materials section for more detailed instructions.



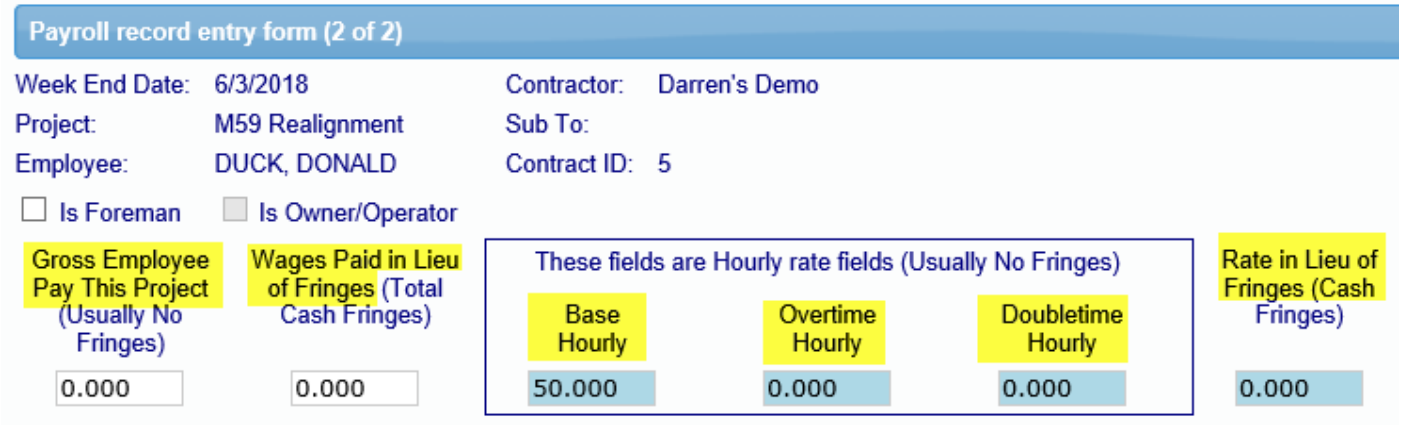
5. MANUAL ENTRY

You will enter a record each week for every employee that performs work covered by prevailing wages on their project. If your employee works in more than one classification (i.e., they've worked 20 hours as a Carpenter and 20 hours as a Power Equipment Operator) please enter two separate pay records to show that they are being paid according to the work performed.



AMOUNTS PAID (top section of the Payroll Record Entry Form)

Enter the appropriate amounts in the appropriate sections. Keep in mind this is just a transfer of historical data from your already existing payroll records.



Gross Employee Pay This Project – The amount of basic wages paid for this project only. This is typically the hourly rate of pay multiplied by the hours worked (it could be more complex with overtime figured in).

Wages Paid-in-Lieu of Fringes – The amount paid to the employee instead of fringe benefits paid to a plan, fund or program. This amount is sometimes included in the Gross Employee Pay this Project depending on the accounting system and the agency reporting requirements. (Whether you are a Union Shop or Open Shop typically determines whether you pay these required fringes to an approved plan, fund or program, or pay them directly to the employee in cash.) This amount would be the rate-in-lieu of Fringes multiplied by the number of hours worked.

Rate-in-lieu of fringes – The hourly rate paid-in-lieu of fringes. If you pay your employees directly for the required fringe benefit instead of paying into an approved plan, fund or program, please list the hourly rate paid here.

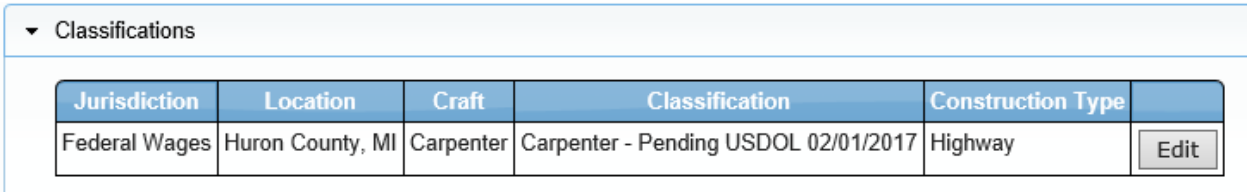
Base Hourly – The hourly rate of pay not including fringes. Some accounting systems include taxable fringes and fringes paid-in-lieu in this amount, do not include those in this field.

Overtime Hourly – The hourly rate of pay multiplied by a factor of 1.5. Do not include fringe benefits in this equation, unless specifically called for by your Agency.

Doubletime Hourly – The hourly rate of pay multiplied by a factor of 2. Do not include fringe benefits in this equation, unless specifically called for by your Agency.

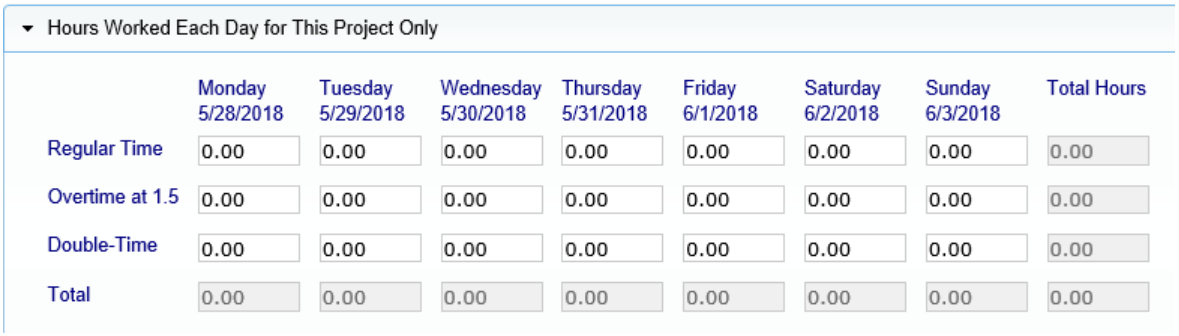
CLASSIFICATIONS

This section lists the craft and classification that your employee worked on your project and will be paid for. If you mistakenly choose the wrong classification on the original entry page, you may change it here by clicking on the Edit button. (Please remember that if your employee worked in more than one classification within this work week, you will need to enter a separate payroll record for that classification.)



HOURS WORKED EACH DAY FOR THIS PROJECT ONLY

Enter the hours worked each day. The first row is for regular time worked, the second row is for overtime worked and the third row for is for double time worked. You ONLY enter hours worked on this prevailing wage job for this week. The system will total each type of hours worked, the days worked and the week under the totals hours column.



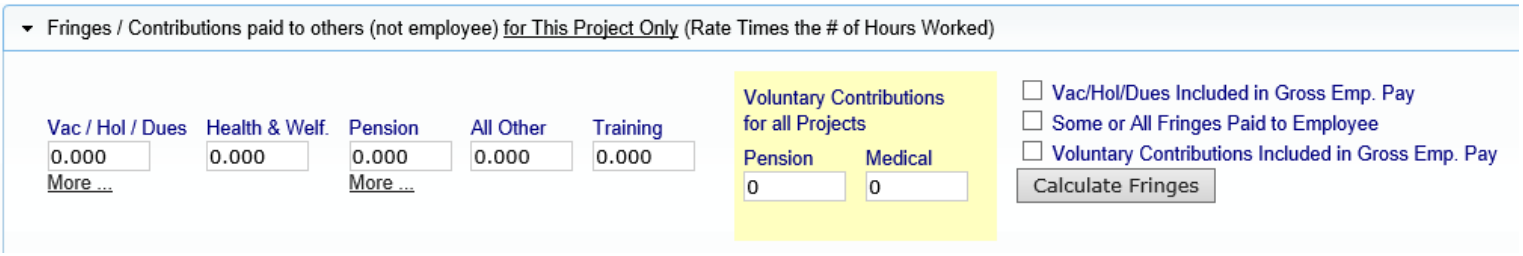
FRINGES/CONTRIBUTIONS PAID TO OTHER (NOT EMPLOYEE) FOR THIS PROJECT ONLY

You may utilize this section in two different ways:

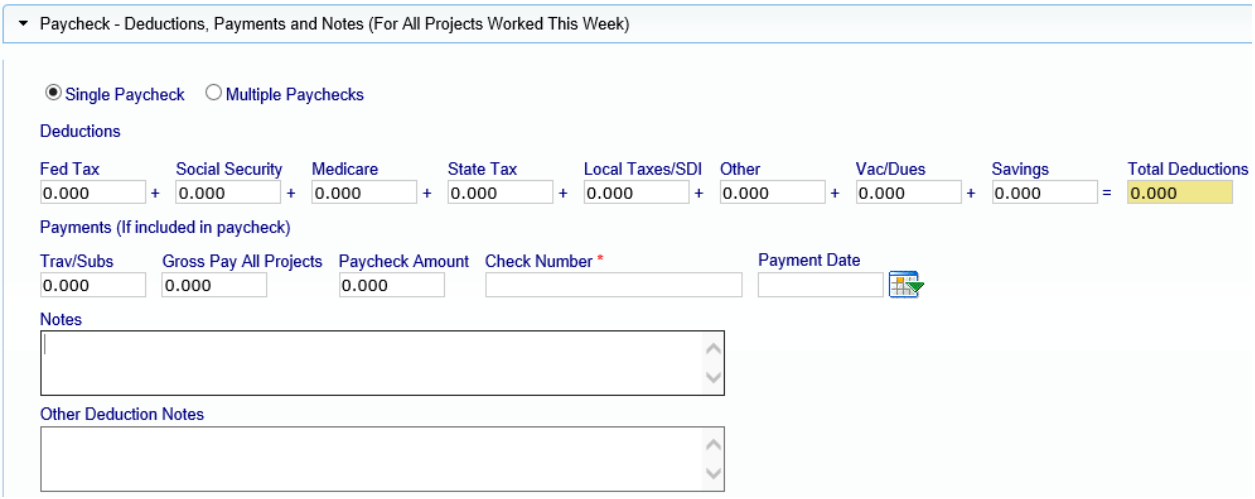
1. Auto calculate
2. Manual entry

The first is by simply clicking the Calculate Fringes button so that the system automatically calculates the fringe benefit rates paid. This only works if you filled out the hourly fringe benefit rates in the Add/Edit Employee screen (or the Fringe Benefit Maintenance section, also available in the Set Up tab). This function multiplies the hours worked times the fringe benefit rate to get the values.

The second way is to manually enter the total amounts paid per section (Vac/Hol/Dues, Health & Welfare, Pension, etc.) from your payroll register or paystubs. Mark the appropriate check boxes as required. If they are checked in the Add/Edit Employee setup then that value carries over.



PAYCHECK – DEDUCTIONS, PAYMENTS AND NOTES (values entered in this section apply to all hours worked on all projects during the week.)



Deductions - the Total Deductions box will add as you enter values in the taxes, other deductions, Vac/Dues and Savings fields.

Other Deduction - this field is for permissible deductions that do not fall into the other available fields. If you put an amount in the Other deductions field, an Other Deduction Note will become required.

Trav/Subs - this field is for travel or subsistence paid to your employee. This amount does figure into the mathematical calculation that the system to ensure that Gross and Net pays are correct.

Gross Pay All Projects – the gross amount on the paycheck for the week including all projects worked.

Paycheck Amount – this is also referred to as Net pay. This is the actual amount of pay the employee received.

Check Number – you have the option of putting different information in this field. If you hand out actual checks to your employees, please enter the check number in this field. If you utilize direct deposit and no check numbers exists, enter “DD”.

Payment Date – this is the actual date of the paycheck. Not all Agencies require this field.

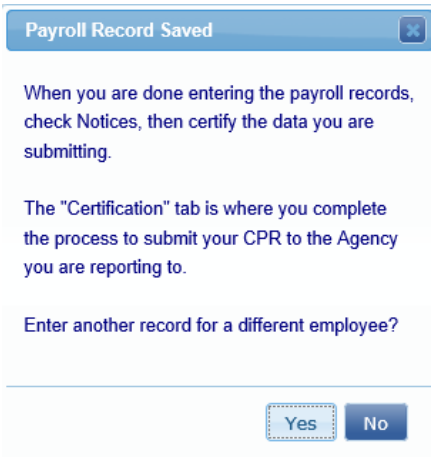
Notes – this is a section that allows you to communicate anything out of the ordinary that you would like your Agency to know.

Other Deduction Notes – if you entered a permissible deduction in the above-mentioned field, then you will be required to leave a note describing that deduction. Please remember to be transparent in your notes entered. We recommend that you list what the actual deduction is, and not write "other deduction" or "N/A".

WHEN YOU HAVE COMPLETED ALL THE ABOVE-MENTIONED FIELDS, CLICK SAVE.

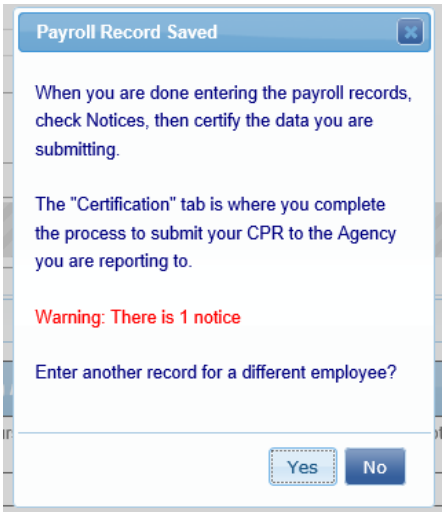
SAVE WITH NO NOTICES

With a successful save you will get this message:



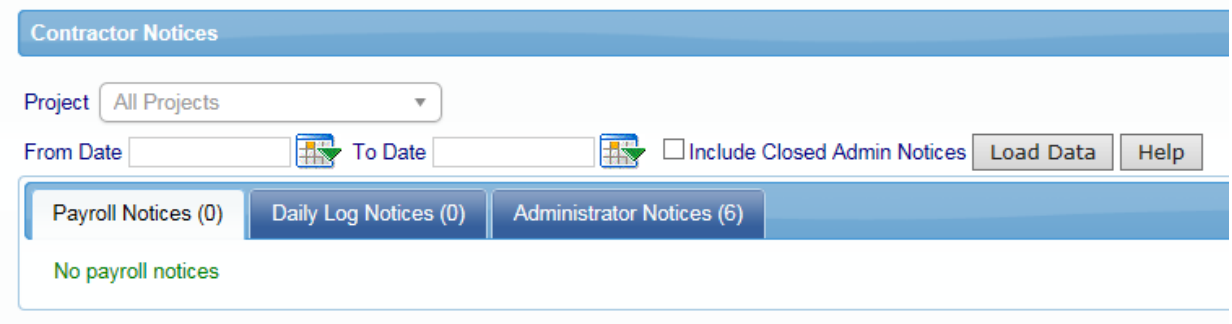
SAVE WITH NOTICES

If you do not get this message, look for the **RED** message on the screen. You may have to scroll up or down on the payroll record to see what you have missed that may be a required field.

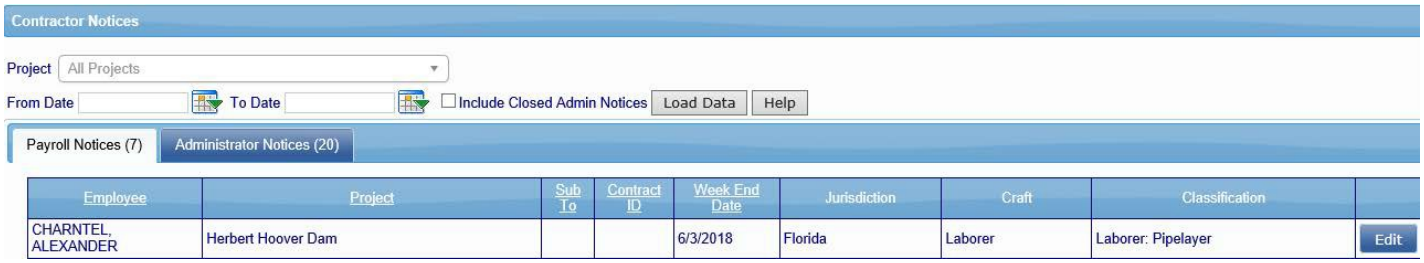


2. NOTICES

Once you have entered all payroll records for the week, you should go into the Notices tab to check and see if you have any payroll Notices. Your records have been saved: perhaps there are issues ranging from forgetting to add an employee ID or phone number to forgetting to enter the Gross Employee Pay This Project field at the top of the Payroll Record Entry screen.



If you have an employee who shows up in this screen, you will need to clear that notice.



To clear your notice, click on the Edit button to the right of the employee name. From there, you will be taken back into the Payroll Record Entry screen. Scroll down the bottom and you will see detailed notes on exactly what your notice is.

If you do not understand the notice, you have options on how to get help. You can click on the Video Assistance “Play Now” button and you will see a video that explains what the notice is and how to address it, or you can contact our Support department and they will assist you.

You must clear all notices to certify your payroll.

CERTIFICATION

You are almost finished, and now it’s time to certify your payroll. You will do this for each week beginning when you first start work on your project until the last week on the project.

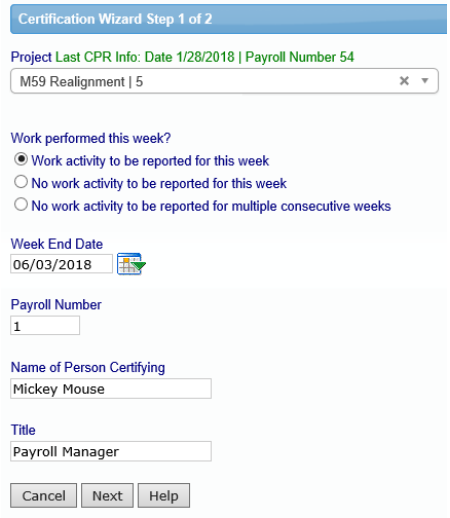
You have three options available to you when you certify your payroll:

- Certify a payroll for a week during which work was performed
- Certify a payroll for a week during which no work was performed (non-work week payroll)
- Certify a payroll for multiple consecutive weeks during which no work was performed

CERTIFICATION WIZARD, STEP 1 OF 2

To certify your payroll:

- Choose your project
- Choose the type of payroll you are certifying
- Choose your week ending date (if you choose multiple consecutive weeks, you will enter the start date and the last date)
- Enter your name as the person certifying your payroll
- Enter your title
- Click next



CERTIFICATION WIZARD, STEP 2 OF 2

You are now seeing your Statement of Compliance (SOC) portion of your certified payroll report. You are just a few clicks away from certifying your payroll.

You now need to denote how you pay your fringe benefits (if you do both, you may choose both):

- 4a – paid into an approved plan, fund or program
- 4b – paid in cash to the employee
- 4c – section to note any exceptions you might have, per craft/classification.

If you have any final remarks that you'd like to leave for your Agency, there is a section available to you to do so. Note: this field is mandatory is you are recertifying a CPR.

You may also click on a checkbox to note if your CPR is a final.



Lastly, you will put in your eSignature and click Save. This completes your CPR, and it will pop up in another window so long as you have your pop-up blocker turned off. (If you forget your e-Signature, go back to the Set Up tab, edit your eSignature, and then go back to the Certification Tab and follow the above procedures again.)

Congratulations

You have now completed certifying your payroll.

Your CPRs are electronically sent to your Administrator, and unless otherwise specified, there is no need to send or print out a hardcopy unless you would like to do so for your own records.

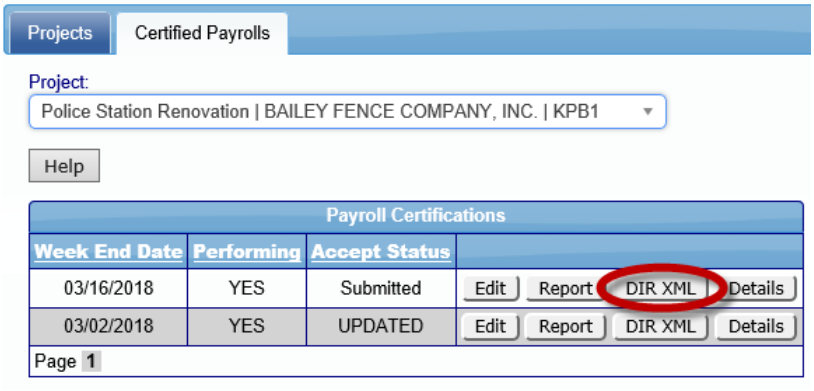
Remember that your CPR's will always be stored in your account to access at any time, so you may decide not to print out hardcopies.

CALIFORNIA DIR XML UPLOAD

If you perform work on a California Public Works project, you also need to upload your payroll to the Department of Industrial Relations (DIR) eCPR system. Once you've certified your payroll, you can download the DIR XML file to upload.

Instructions to find and upload this file:

- Click on the Projects tab
- Click on the Certified Payrolls tab
- Locate the week ending payroll file you need
- Click on the DIR XML button (make sure your pop-up blockers are off)
- Save this file to your desktop
- Upload into the DIR eCPR system

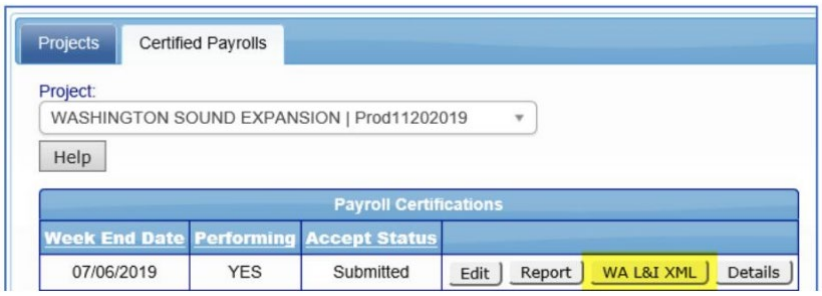


WASHINGTON L&I XML UPLOAD

Beginning in January 2020, weekly certified payroll reports are required to be filed online with Washington State Department of Labor and Industries, or WA L&I, at least once a month for all public works projects. Once you've certified your payroll, you can download the WA L&I XML file to upload.

Instructions to find and upload this file:

- Click on the Projects tab
- Click on the Certified Payrolls tab
- Locate the week ending payroll file you need
- Click on the WA L&I XML button (make sure your pop-up blockers are off)
- Save this file to your desktop
- Upload into the WA State PWIA portal

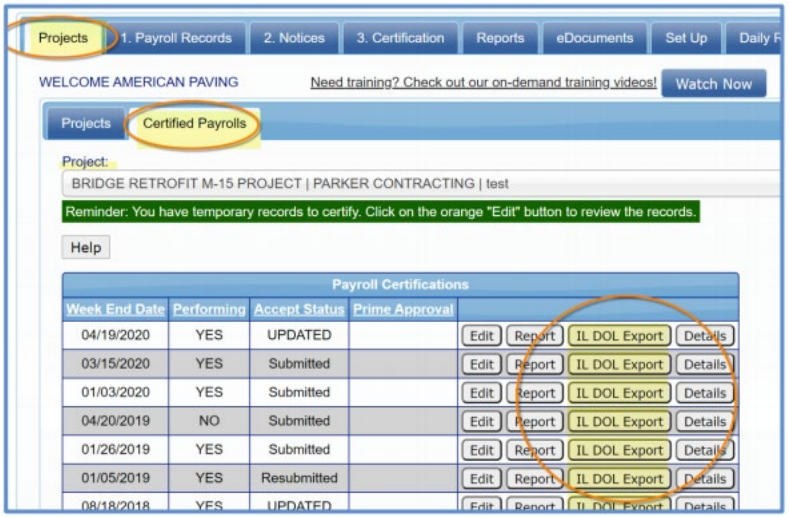


ILLINOIS DOL EXPORT UPLOAD

Beginning in September 2020, weekly certified payroll reports are required to be filed online with the Illinois Department of Labor, or IDOL, by the 15th of each month for all state-funded public works projects. Once you've certified your payroll, you can download the IL DOL XML file to upload.

Instructions to find and upload this file:

- Click on the Projects tab
- Click on the Certified Payrolls tab
- Locate the week ending payroll file you need
- Click on the IL DOL Export button (make sure your pop-up blockers are off)
- Save this file to your desktop
- Make any manual additions/adjustments to the CSV file
- Upload into the IDOL portal



Should you find that you have any further questions, please consult either the Contractor User Manual or call our Support department.

Contact LCPtracker Support

- 714-669-0052 option 4; or
- Support@LCPtracker.com; or
- Live Chat

APPENDIX E

CWTA

Requirements

CWTA IFB Language -Estimate Over $1M

This project is subject to the requirements of the City's Local Hire and Community Workforce Training Program and the City's Community Workforce Training Agreement (CWTA). A copy of the CWTA and a summary of its requirements (CWTA Summary) is provided in Exhibit D to this solicitation. By submitting a bid, the Contractor acknowledges that it has read and understands all the requirements, terms, and conditions of the CWTA and CWTA Summary, and has included all costs associated with compliance with the CWTA in its bid.

The Contractor must execute Addendum A to the CWTA ("Agreement to be Bound") and provide an executed original to the City before the contract can be awarded. Each subcontractor for Work covered by the CWTA, including subcontractors not listed at the time of bid or otherwise hired after contract award, must also execute Addendum A to the CWTA. No subcontractor may perform Work prior to executing Addendum A and providing the executed original to the City.

The failure to sign and submit Addendum A by any subcontractor, shall be grounds for subcontractor substitution and/or for the City to withhold payment for the Work performed in the absence of the necessary Addendum A.

Contractor must include the provisions of this section, as well as a copy of the CWTA and the CWTA Summary, in every subcontract for Work covered by the CWTA.

By submitting a bid, Contractor represents that the Contractor and all its subcontractors performing Work covered by the CWTA will execute the Addendum A if awarded the contract.

The failure to submit an Addendum A or to otherwise comply with the requirements of the CWTA on this project may also result in a future determination that the Contractor and/or subcontractor is not responsible (pursuant to City Code section 3.60.020) when bidding on future projects for the City of Sacramento.

EXHIBIT D

SUMMARY OF COMMUNITY WORKFORCE AND TRAINING AGREEMENT REQUIREMENTS

(Locally-Funded Projects)

Introduction

On August 21, 2018, the City of Sacramento approved a Community Workforce and Training Agreement (CWTA) with the Sacramento-Sierra Building and Construction Trades Council, AFL-CIO (Trades Council) and the unions represented by the Trades Council, to support the City's efforts to increase employment opportunities for workers who are local area residents, and to provide construction career training and employment opportunities for the City's at-risk youth, military veterans, women and other disadvantaged residents through local apprenticeship and pre-apprentice programs. A complete copy of the CWTA is attached hereto. This summary is provided for convenience only. All contractors must read and understand the full CWTA prior to submitting a bid.

Application

The CWTA applies to all City public works construction contracts for projects where either the engineer's estimate of the total construction cost of the project or the actual cumulative bid amounts submitted by the contractor or contractors awarded the contract exceeds One Million Dollars ($1,000,000). The CWTA applies to all "Covered Work" which is further defined in section 2.2 of the CWTA. Exclusions from Covered Work are further defined in section 2.3 of the CWTA.

Prior to award of this contract, the contractor must agree to be bound by each and every provision of the CWTA, and must execute the Agreement to be Bound in the form attached to the CWTA as Addendum A. In addition, any time the awarded contractor enters into a subcontract with any subcontractor for Covered Work, the contractor must provide a copy of the CWTA to the subcontractor and require the subcontractor to execute the Agreement to be Bound in the form attached to the CWTA as Addendum A. All Addendum A's must be executed by subcontractors and provided to the City prior to the subcontractor performing any work.

Requirements

In addition to executing the Agreement to be Bound in the form attached to the CWTA as Addendum A, Contractor and its employees must comply with the following requirements:

Utilize Union Hiring Halls. Pursuant to Article VIII of the CWTA, Contractor and its subcontractors performing construction work, in filing craft job requirements, must utilize and be bound by the registration facilities and referral systems established or authorized by the local unions that are signatories to the CWTA (except that Contractors shall have the right to select and hire directly all supervisors above general foreman, without going through the local union). ***Please Note*:** The CWTA has been amended, and no longer requires all employees performing Covered Work to pay working dues, fees required, or union membership to the applicable local union that is a signatory to the CWTA, unless the employee **elects** to join the union.

Hold Pre-Job and Periodic Meetings. Pursuant to Article V, Contractor must convene a pre-job conference with representatives of all involved contractors (including subcontractors) and the unions at least 21 days prior to the commencement of work. For long-term projects with multiple phases, conferences can be held with subcontractors for later phases 21 days prior to the commencement of the applicable phase.

The Contractor must be prepared to discuss in detail: (i) the scope of work for each Contractor; (ii) craft

assignments; (iii) estimated number of craft workers required to perform the work; (iv) transportation arrangements; (v) estimated start and completion dates of the work; (vi) planned use of pre-fabricated materials; (vii) any specialized or technical work exempted[1] from the CWTA; and (viii) plan for reaching Local Hire and Priority Apprentice Goals. The meeting shall be held at a location mutually agreeable to the parties.

Local Hire, Apprenticeship, and Workforce Development. Within 7 calendar days after receiving a Notice to Proceed, Contractor must provide a plan for reaching Local Hire and Priority Apprentice Goals. As set forth in Article IX, not less than 50% of the combined journey-level and apprentice hours worked on the Project, on a craft by craft basis, shall be worked by residents of the Local Area, as defined in section 9.1. The Local Union will refer up to four of Contractor's "core" employees who demonstrate the qualifications set forth in section 9.3. This referral process is outlined in section 9.4. In addition, not less than 20% of all apprentice hours worked on the Project, on a craft by craft basis, shall be worked by "Priority Apprentices" that reside in one of the disadvantaged zip codes listed in section 9.6.2.1 *and* meet one of the other eligibility criteria listed in section 9.6.2.2. Contractor shall provide regular reports and certified weekly payrolls documenting compliance with the requirements of Article IX and documentation of Contractor's good faith efforts to meet the local hire and workforce development goals set forth in Article IX.

Helmets to Hardhats. Contractor must participate in the Helmets to Hardhats program, as outlined in Article X of the CWTA.

Comply with Master Agreement Terms on Wages, Hours, Benefits, and other Terms and Conditions of Employment. As set forth in Article XI, Contractor must pay applicable contributions to the established vacation, pension and other deferred compensation plan, apprenticeship, worker protection and assistance, and health benefit funds for each hour worked on the project in the amounts designated in the Master Agreements of the appropriate local unions. By signing the Agreement to be Bound, Contractor also adopts and agrees to be bound by the written terms of established Trust Agreements for these benefit funds.

The wages, hours, and other terms and conditions of employment on the project shall be governed by the applicable union's Master Agreement, as required in Article XI of the CWTA.

Only Just Cause Dismissal and/or Discipline. All disputes involving discipline and/or the discharge of employees working on the project must be resolved through the grievance and arbitration provision contained in the applicable Master Agreement. As set forth in Article XIII of the CWTA, no employee working on the project shall be disciplined or dismissed without just cause.

Arbitrate Disputes. Any disputes relating to the interpretation or application of the CWTA, excluding work stoppages, strikes, and lockouts, must be resolved through the grievance arbitration procedures in Article XIV of the CWTA. At the time a grievance is submitted, the union may request that the City withhold and retain an amount from what is due and owing to the contractor against whom the grievance is filed. The amount shall be retained by the City until the grievance is withdrawn, settled, or otherwise resolved.

Any jurisdictional disputes on the project amongst the unions and/or the contractor shall be settled according to the plan established by the Building and Construction Trades Department. Its decisions shall be final, binding, and conclusive.

[1] Work can only be exempted with notice and agreement of Trades Council (see Section 2.3 of CWTA, as amended).

Drug-Free Workplace. Contractors agree to use the Substance Abuse Program contained in each applicable union's Master Agreement, except as it may conflict with the City's Drug-Free Workplace Policy. In the event of a conflict, the City's policy shall control.

COMMUNITY WORKFORCE AND TRAINING AGREEMENT
CITY OF SACRAMENTO

INTRODUCTION/FINDINGS

The purpose of this Community Workforce and Training Agreement is to promote efficiency of construction operations in the construction of major projects set forth in the City of Sacramento's Capital Improvement Plan and other public works projects that are subject to this Agreement, thereby promoting the public interest in assuring the timely and cost-effective completion of such projects, and supporting the efforts of the City to increase employment opportunities for workers who are local area residents, and to provide construction career training and employment opportunities for the City's at-risk youth, military veterans, women and other disadvantaged residents through local apprenticeship and pre-apprentice programs.

A. The City adopts a five-year Capital Improvement Plan that identifies the public projects necessary to maintain and improve the physical properties of the City, including construction or repair of City buildings and facilities, such as streets, roads, storm drains, traffic signals, parks, and community centers.

B. The City undertakes and anticipates undertaking projects identified in the Capital Improvement Plan and other City public works projects that involve significant construction costs in excess of the threshold set forth in this Agreement.

C. The City Council has determined that the successful and cost-effective completion of these Capital Improvement Plan projects and other major City public works projects is of the utmost importance to the City and its taxpayers and the residents it serves.

D. The City has determined that applying a uniform workforce agreement to the Capital Improvement Plan and other public works construction projects that exceed the threshold set forth in this Agreement during the term of this Agreement will provide efficiencies for the City and its contractors.

E. Community workforce and training agreements and similar workforce agreements have been used successfully to achieve the goals and objectives set forth in this Agreement by other public agencies and private entities on major construction projects in the region, including on the Golden 1 Center project.

F. Large numbers of workers of various skills will be required in the performance of the construction work, including those workers represented by the Local Unions signatory to this Agreement and employed by contractors and subcontractors who are signatory to this Agreement.

G. The use of skilled labor on construction work increases the safety of construction operations and the quality of completed work.

2018-1634
With: Sac Building & Construction Trades Council & Unions
Title: Community Workforce & Training Agmt.

H. Major projects subject to this Agreement will require multiple contractors and bargaining units to be on the job site at the same time over an extended period of time, increasing the potential for work disruption in the absence of an overriding commitment to maintain continuity of work.

I. The interests of the general public and taxpayers, the City, the Contractor(s) and the Unions would be best served if the construction work proceeded in an orderly manner without disruption and delay.

J. The Contractor(s) and the Unions desire to mutually establish and stabilize wages, hours and working conditions for the workers employed on the construction projects subject to this Agreement in order to promote a satisfactory, continuous and harmonious relationship among the parties to this Agreement.

K. This Agreement is not intended to replace, interfere with, abrogate, diminish or modify existing local or national collective bargaining agreements in effect during the duration of the Project, insofar as a legally binding agreement exists between the Contractor(s) and the affected Union(s), except to the extent that the provisions of this Agreement are inconsistent with said collective bargaining agreements, in which event, the provisions of this Agreement shall prevail.

L. The contracts for the construction of the Project will be awarded in accordance with the applicable provisions of the Sacramento City Code, the California State Public Contract Code and other applicable state, local and federal laws.

M. The City has the right and is legally obligated, subject to certain exceptions, to select the lowest responsive and responsible bidder for the award of construction contracts on the Project or to reject all bids.

N. The City places high priority upon the development of comprehensive programs for the recruitment, training and employment of local area residents and military veterans, and also recognizes the ability of local apprenticeship programs to provide meaningful and sustainable careers in the building and construction industry.

O. The parties signatory to this Agreement pledge their full good faith and trust to work towards mutually satisfactory completion of the Capital Improvement Plan projects and other major City public works projects subject to this Agreement.

NOW, THEREFORE, IT IS AGREED BETWEEN AND AMONG THE PARTIES HERETO, AS FOLLOWS:

ARTICLE I
DEFINITIONS

1.1 "Agreement" means this Community Workforce and Training Agreement.

1.2 "Agreement to be Bound" means the agreement (attached hereto and incorporated herein as Addendum A) required to be executed by any Contractor(s) working on the Project as a precondition to performing Covered Work on the Project.

1.3 "City" means the City of Sacramento.

1.4 "Completion" means the point at which there is Final Acceptance by the City, which occurs when the City determines that the entire project is complete in accordance with the City's Standard Specifications. The date of completion of the entire Project shall be specified in any Notice of Completion filed pursuant to Civil Code Section 3093.

1.5 "Construction Contract" means all public works contracts approved by the City for a Project, including design-bid, design-build, lease-leaseback or other contracts under which Covered Work is performed.

1.6 "Contractor "or "Contractor(s)" means any person, firm, corporation, or other entity, or any combination thereof, including joint ventures, and any successor or assigns of such persons or entities, that has entered into a contract with the City, or with any other person or entity contracting for work on the Project on behalf of the City (whether by design-bid, design-build, lease-leaseback or other means), with respect to the construction of any part of the Project under contract terms and conditions approved by the City, and any of its contractors or subcontractors of any tier.

1.7 "Master Agreement" or "Schedule A" means the Master Collective Bargaining Agreement of each craft union signatory hereto, copies of which shall be provided to the City.

1.8 "Project" means any City public works project where any bid solicitation for any Construction Contract related to the Project is issued on or after January 1, 2019,[1] where either the engineer's estimate of the total construction cost of the project or the actual cumulative bid amounts submitted by the contractor or contractors awarded the Construction Contracts for the Project exceeds One Million Dollars ($1,000,000). All Construction Contracts required to complete an integrated City construction project shall be considered in determining the threshold value of the Project.

1.9 "Project Manager" means the person or business entity designated by, or under

[1] This Agreement will apply to the following City Construction Contracts, regardless of the date of bidding: Sacramento Convention Center, Community Center Theater, Natomas Aquatic Center, McKinley Vault, Third Street Sewer, and Fire Station 14. This Agreement will not apply to any remaining Construction Contracts, even if bid after January 1, 2019, that are part of the City's Accelerated Water Meter Program approved by the City Council prior to the execution of this Agreement (commonly referred to as "Meters Matter").

contract with the City to oversee all phases of construction on the Project.

1.10 "Trades Council" means the Sacramento-Sierra Building and Construction Trades Council, AFL-CIO.

1.11 "Union" or "Unions" means the labor organizations that are signatory to this Agreement, acting on their own behalf and on behalf of their respective affiliates and member organizations whose names are subscribed hereto and who have through their officers executed this Agreement ("Local Unions"). The Trades Council and the Unions are collectively referred to herein as the "Unions."

ARTICLE II
SCOPE OF AGREEMENT

2.1 Parties. This Agreement applies and is limited to all Contractor(s), performing Construction Contracts on the Project, the City, the Trades Council and the Local Unions that are signatory to this Agreement.

2.2 Applicability. This Agreement governs all Construction Contracts awarded on the City Projects subject to this Agreement. For purposes of this Agreement, a Construction Contract is considered completed as described in Section 1.4, except when the City's authorized representative directs a Contractor to engage in repairs, warranty work, or modifications as required under the original Construction Contract with the City.

2.2.1 Covered Work. This Agreement covers, without limitation, all on-site site preparation, surveying, construction, alteration, demolition, installation, improvement, painting or repair of buildings, structures and other works, and related activities for the Project that is within the craft jurisdiction of one of the Unions and which is directly or indirectly part of the Project, including, without limitation to the following examples, geotechnical and exploratory drilling, temporary HVAC, landscaping and temporary fencing, pipelines (including those in linear corridors built to serve the Project), pumps, pump stations, and modular furniture installation. On-site work includes work done solely for the Project in temporary yards, dedicated sites, or areas adjacent to the Project, and at any on-site or off-site batch plant constructed solely to supply materials to the Project. This scope of work includes all soils and materials testing and inspection where such testing and inspection is a classification in which a prevailing wage determination has been published.

2.2.2 This Agreement applies to any start-up, calibration, commissioning, performance testing, repair, maintenance or operational revisions to systems and/or subsystems for the Project that are part of the original Construction Contract, including when performed after Completion, unless it is performed by City employees.

2.2.3 This Agreement covers all on-site fabrication work over which the City, Contractor(s) or their subcontractors possess the right of control (including work done for the Project in any temporary yard or area established for the Project). Additionally, this Agreement covers any off-site fabrication work necessary for the Project that is traditionally

performed by any of the Unions and that is covered by a Master Agreement or local addenda to a National Agreement of the applicable Union(s) in effect as of the execution date of this Agreement.

2.2.4 The furnishing of supplies, equipment or materials that are stockpiled for later use are not covered by this Agreement. However, construction trucking work, such as the delivery of ready-mix, asphalt, aggregate, sand, or other fill or material that is incorporated into the construction process as well as the off-hauling of debris and excess fill, material and/or mud, shall be covered by the terms and conditions of this Agreement to the fullest extent allowed by law. Contractor(s), including brokers, of persons providing construction trucking work shall provide certified payroll records to the City within ten (10) calendar days of written request or as required by the Construction Contract.

2.2.5 Work covered by this Agreement within the following craft jurisdictions shall be performed under the terms of their National Agreements as follows: the National Transient Lodge (NTL) Articles of Agreement, the National Stack/Chimney Agreement, the National Cooling Tower Agreement, and the National Agreement of Elevator Constructors, and any instrument calibration work and loop checking shall be performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Technicians, with the exception that Articles IV, XIV and XV of this Agreement shall apply to such work.

2.3 Exclusions from Covered Work

2.3.1 The Agreement is limited to construction work on a Project and is not intended to and shall not affect or govern the award of construction contracts by the City which are not a part of a Project.

2.3.2 The Agreement does not apply to a Contractor(s)' non-construction craft employees, including but not limited to executives, managerial employees, contract and/or construction managers, engineering employees and supervisors above the level of General Foreman (except those covered by existing Master Agreements), staff engineers or other professional engineers, administrative, management, office, professional, and clerical employees.

2.3.3 The Agreement does not apply to work by employees of the City.

2.3.4 The Agreement does not apply to off-site maintenance of leased equipment and on-site supervision of such work.

2.3.5 The Agreement does not apply to work performed by employees of an Original Equipment Manufacturer ("OEM") or vendor on the OEM's or vendor's equipment if required by the warranty agreement between the OEM or vendor and the City in order to maintain the warranty or guarantee on such equipment, and provided that the warranty agreement is the OEM's or vendor's usual and customary warranty agreement for such equipment.

2.3.6 The Agreement does not apply to specialized or technical work requiring specialized training, unique skills, and/or a level of specific technical experience that the Unions do not possess, including the use of specialty equipment and tools. Before any Contractor subcontracts any work subject to this exception, such Contractor shall give the

Trades Council at least three (3) days advance notice. Any specialized or technical work subject to this Section anticipated by the Project Manager or any Contractor shall be discussed at the Pre-Job Conference held pursuant to Article V. Any disputes regarding the application of this Section shall be resolved by the parties through the expedited arbitration process in Section 4.2 to determine whether any violation of this section has occurred.

2.3.7 The Agreement does not apply to laboratory work for specialty testing or inspections and all testing or inspections not covered by the Master Agreement of one of the signatory Unions.

2.3.8 The Agreement does not apply to any work performed on, near, or leading to the Project and undertaken by state, county, or other governmental bodies or their contractors, or public utilities or their contractors.

2.3.9 The Agreement does not apply to any work related to the creation or installation of any Art Work by an individual Artist as part of the City's Art in Public Places requirement. For purposes of this Agreement, "Art Work" is a unique, one-of-a-kind decorative element to be incorporated into the building or site, the design, illustration, and detailing of which can only be fully completed in the field and can only be performed by the individual Artist. An "Artist" is an individual that is engaged by the City or the Primary Employer to create and install Art Work. The Artist shall perform all final adjustments, finishing touches, and final painting of any Art Work.

2.3.10 The Agreement does not apply to work on any housing or residential component of a Project that is otherwise covered by this Agreement.

2.4 Award and Enforcement of Construction Contracts. Notwithstanding any other provision of this Agreement, the City has the absolute right to select any qualified bidder for the award of Construction Contracts and to enforce all provisions of its Construction Contracts. The bidder need only be willing, ready and able to execute the Addendum A Agreement to be Bound and comply with this Agreement. This Agreement shall be included in all invitations to bid or solicitations for proposals from contractors or subcontractors for work on the Project that are issued on and after the effective date of this Agreement.

ARTICLE III
EFFECT OF AGREEMENT

3.1 By executing the Agreement, the Unions and the City agree to be bound by the terms and conditions of the Agreement.

3.2 By accepting the award of a Construction Contract for the Project, whether as contractor or subcontractor, the Contractor(s) agrees to be bound by each and every provision of the Agreement, and agrees that it will evidence its acceptance prior to the commencement of work by executing the Agreement to be Bound in the form attached hereto as Addendum A.

3.3 At the time that any Contractor(s) enters into a subcontract with any subcontractor providing for the performance of a Construction Contract, the Contractor(s) shall provide a copy of this Agreement to such subcontractor, and shall require their subcontractor,

as a condition to accepting an award of a construction subcontract, to agree in writing to be bound by each and every provision of this Agreement prior to the commencement of work by executing the Agreement to be Bound in the form attached hereto as Addendum A.

3.4 This Agreement is only binding on the signatories and their successors and assigns, and does not apply to the parents, affiliates, subsidiaries, or other ventures of any such party. Each Contractor and subcontractor is alone liable and responsible for its own individual acts and conduct and for any breach or alleged breach of this Agreement, except as otherwise provided by law or the applicable Schedule A. Any dispute between the Union(s) and the Contractor(s) respecting compliance with the terms of the Agreement, shall not affect the rights, liabilities, obligations and duties between the signatory Union(s) and other Contractor(s) party to this Agreement. Any liability by a signatory Union to this Agreement shall be several and not joint. Any alleged breach of this Agreement by a signatory Union does not affect the rights, liabilities, obligations and duties between the signatory Contractor(s) and the other Union(s) party to this Agreement.

3.5 The provisions of this Agreement, including the Master Agreements of the Local Unions having jurisdiction over the work on the Project, incorporated herein by reference, shall apply to the work covered by this Agreement, notwithstanding the provisions of any other local, area and/or national agreements which may conflict with or differ from the terms of this Agreement. Where a subject covered by the provisions of this Agreement is also covered by a Master Agreement, the provisions of this Agreement shall prevail. Where a subject is covered by the provisions of a Master Agreement and is not covered by this Agreement, the provisions of the Master Agreement shall prevail.

ARTICLE IV
WORK STOPPAGES, STRIKES, SYMPATHY STRIKES AND LOCKOUTS

4.1 The Unions, City and Contractor(s) covered by the Agreement agree that for the duration of the Project:

4.1.1 There shall be no strikes, sympathy strikes, work stoppages, picketing, handbilling or otherwise advising the public that a labor dispute exists, or slowdowns of any kind, for any reason, by the Unions or employees employed on the Project, at the job site of the Project or at any other facility of the City because of a dispute on the Project. Disputes arising between the Unions and Contractor(s) on other City projects are not governed by the terms of the Agreement or this Article.

4.1.2 There shall be no lockout of any kind by a Contractor of workers employed on the Project.

4.1.3 If a Master Agreement expires before the Contractor completes the performance of work under the Construction Contract and the Union or Contractor gives notice of demands for a new or modified Master Agreement, the Union agrees that it will not strike on work covered under this Agreement and the Union and the Contractor agree that the expired Master Agreement shall continue in full force and effect for work covered under this Agreement until a new or modified Master Agreement is reached.

4.1.4 In the case of nonpayment of wages or trust fund contributions on the Project, the Union shall give the City and the Contractor(s) three (3) business days' notice when nonpayment of trust fund contributions has occurred and one (1) business days' notice when nonpayment of wages has occurred or when paychecks being tendered to a financial institution normally recognized to honor such paychecks will not honor such paycheck as a result of insufficient funds, of the intent to withhold labor from the Contractor(s) or their subcontractor's workforce, during which time the Contractor shall have the opportunity to correct the default. In this instance, a Union's withholding of labor (but not picketing) from a Contractor who has failed to pay its fringe benefit contributions or failed to meet its weekly payroll shall not be considered a violation of this Article.

4.1.5 If the City contends that any Union has violated this Article, it will notify in writing (including email) the Senior Executive of the Trades Council and the Senior Executive of the Union, setting forth the facts alleged to violate the Article, prior to instituting the expedited arbitration procedure set forth below. The Senior Executive of the Trades Council will immediately use his/her best efforts to cause the cessation of any violation of this Article. The leadership of the Union will immediately inform the membership of their obligations under this Article. A Union complying with this obligation shall not be held responsible for unauthorized acts of employees it represents.

4.2 Expedited Arbitration. Any party to this Agreement shall institute the following procedure, prior to initiating any other action at law or equity, when a breach of this Article is alleged to have occurred:

4.2.1 A party invoking this procedure shall notify Barry Winograd, as the permanent arbitrator, or John Kagel, as the alternate arbitrator under this procedure. In the event that the permanent arbitrator is unavailable at any time, the alternate will be contacted. If neither is available, then a selection shall be made from the list of arbitrators as set forth in Section 14.2. Notice to the arbitrator shall be by the most expeditious means available, with notices by facsimile, email or telephone to the City and the party alleged to be in violation, and to the Trades Council and involved Local Union if a Union is alleged to be in violation.

4.2.2 Upon receipt of said notice, the City will contact the designated arbitrator named above or his alternate who will attempt to convene a hearing within twenty-four (24) hours if it is contended that the violation still exists.

4.2.3 The arbitrator shall notify the parties by facsimile, email or telephone of the place and time for the hearing. The hearing shall be completed in one session, which, with appropriate recesses at the arbitrator's discretion, shall not exceed twenty-four (24) hours unless otherwise agreed upon by all parties. A failure of any party to attend such hearings shall not delay the hearing of evidence or the issuance of an award by the arbitrator.

4.2.4 The sole issue at the hearing shall be whether or not a violation of Article IV, Section 4.1 of the Agreement has occurred. The arbitrator shall have no authority to consider any matter of justification, explanation or mitigation of such violation or to award damages, which issue is reserved for court proceedings, if any. The award shall be issued in writing within three (3) hours after the close of the hearing, and may be issued without a written opinion. If any party desires a written opinion, one shall be issued within fifteen (15) calendar days, but its issuance shall not delay compliance with or enforcement of the award.

The arbitrator may order cessation of the violation of this Article and other appropriate relief and such award shall be served on all parties by hand or registered mail upon issuance.

4.2.5 Such award may be enforced by any Court of competent jurisdiction upon the filing of this Agreement and all other relevant documents referred to above. Written notice of the filing of such enforcement proceedings shall be given to the other party. In the proceeding to obtain a temporary order enforcing the arbitrator's award as issued under Section 4.2.4 of this Article, all parties waive the right to a hearing and agree that such proceedings may be ex parte. Such agreement does not waive any party's right to participate in a hearing for a final order or enforcement. The Court's order or orders enforcing the arbitrator's award shall be served on all parties by hand or delivered by certified mail.

4.2.6 Any rights created by statute or law governing arbitration proceedings inconsistent with the above procedure, or which interfere with compliance, are waived by the parties.

4.2.7 The fees and expenses of the arbitrator shall be divided equally between the party instituting the arbitration proceedings and the party alleged to be in breach of its obligation under this Article.

ARTICLE V
JOINT LABOR/MANAGEMENT MEETINGS AND PRE-JOB CONFERENCES

5.1 Joint Labor/Management Meetings. During the period of any work performed under this Agreement, joint Labor/Management meetings between the City, the Project Manager, the Contractor(s) and the Unions shall be held on a periodic basis to be determined by the parties. The purpose of these meetings is to promote harmonious labor/management relations, ensure adequate communications and advance the proficiency and efficiency of the craft workers and contractors performing work at the Project. These meetings will include a discussion of safety, craft resource requirements, scheduling and productivity of work performed at the Project.

5.2 Pre-Job Conferences. The Project Manager shall convene and conduct a Pre-Job Conference with representatives of all involved Contractor(s) and the Unions at least twenty-one (21) calendar days prior to the commencement of any Covered Work on the Project and prior to the commencement of any Covered Work on each subsequently awarded Construction Contract or phase of the Project. The conference shall be attended by a representative of each participating Contractor and each affected Union. The Trades Council and City may attend at their discretion. The Project Manager and the Contractor(s) shall be prepared to discuss in detail: (i) the scope of work for each Contractor; (ii) craft assignments; (iii) estimated number of craft workers required to perform the work; (iv) transportation arrangements; (v) estimated start and completion dates of the work; and (vi) planned use of pre-fabricated materials. The meeting shall be held at a location mutually agreeable to the parties.

ARTICLE VI
NO DISCRIMINATION

6.1 The Contractor(s) and Unions agree to comply with all anti-discrimination provisions of federal, state and local law, to protect employees and applicants for employment, on the Project.

ARTICLE VII
UNION SECURITY

7.1 The Contractor(s) recognize the Union(s) as the sole bargaining representative of all craft employees working within the scope of this Agreement.

7.2 All employees performing work covered by this Agreement shall, as a condition of employment on or before the eighth (8th) day of consecutive or cumulative employment on the Project, be responsible for the payment of the applicable periodic working dues and any associated fees uniformly required for union membership in the Local Union that is signatory to this Agreement for the duration of his or her employment on the Project. Nothing in this Agreement is intended to prevent any non-union employees from joining the Local Union.

7.3 Authorized representatives of the Unions shall have reasonable access to the Project whenever work covered by this Agreement is being, has been, or will be performed on the Project. All authorized representatives of the Union(s) must comply with the required check-in procedure prior to visiting the work area.

ARTICLE VIII
REFERRAL

8.1 Contractor(s) performing construction work on the Project described in the Agreement shall, in filling craft job requirements, utilize and be bound by the registration facilities and referral systems established or authorized by the Local Unions ("Job Referral System"). Such Job Referral System shall be operated in a non-discriminatory manner and in full compliance with all federal, state, and local laws and regulations, including those which require equal employment opportunities and non-discrimination. The Contractor(s) shall have the right to reject any applicant referred by the Union(s) in accordance with this Article VIII.

8.2 The Contractor(s) shall have the unqualified right to select and hire directly all supervisors above general foreman it considers necessary and desirable, without such persons being referred by the Union(s) consistent with Section 2.3.2 of this Agreement.

8.3 In the event that referral facilities maintained by the Union(s) are unable to fill the requisition of a Contractor(s) for employees within a forty-eight (48) hour period (Saturdays, Sundays and Holidays excluded) after such requisition is made by the Contractor(s), the Contractor(s) shall be free to obtain work persons from any source. A Contractor who hires any personnel to perform covered work on the Project pursuant to this Section shall immediately provide the appropriate Union with the name and address of such employee(s) and shall immediately refer such employee(s) to the appropriate Union to satisfy the requirements of Article VII of this Agreement.

ARTICLE IX
LOCAL HIRE, APPRENTICESHIP AND WORKFORCE DEVELOPMENT

9.1 Local Hire. It is in the interest of the parties to this Agreement to facilitate employment of City of Sacramento and Sacramento County residents and to develop increased numbers of local skilled construction workers to meet the requirements of the regional construction economy. The "Local Area" is defined as the City of Sacramento, Sacramento County, and the additional nine counties in section 9.1.3 below. It is the objective of the parties that not less than fifty percent (50%) of the combined journey-level and apprentice hours worked on the Project, on a craft by craft basis, be worked by residents of the Local Area. The Unions agree that residents of the Local Area shall be first referred for Project Work, including journey-level workers and apprentices covered by this Agreement, in the following order of priority:

9.1.1 Priority 1: Residents of the City of Sacramento.

9.1.2 Priority 2: Residents of Sacramento County outside of the City of Sacramento.

9.1.3 Priority 3: Residents of the Counties of Yolo, Placer, El Dorado, Amador, Sutter, Yuba, Nevada, Sierra and San Joaquin.

9.2 The Unions will exert their utmost efforts to recruit sufficient numbers of skilled craft persons and apprentices to fulfill the requirements of the contractor and to meet the Local Area resident hiring objectives of this Agreement, and will provide, at the time of referral, information to the City and its representatives regarding the zip code where each skilled craft persons and apprentices referred for Project Work resides. The Local Area residents referred by the Unions must possess the requisite skills and qualifications required for the position to be filled and such referrals shall be in accordance with law and consistent with the Local Union's hiring hall rules and procedures.

9.3 The parties also recognize and support the City's commitment to provide opportunities for participation of City of Sacramento businesses on Projects covered by this Agreement. In furtherance of this commitment and the local hire objectives of this Agreement, the parties agree that such City of Sacramento contractors and subcontractors awarded work on the Project may request by name, and the Local Union will honor, referral of such Contractor's "core" employees who have applied to the Local Union for Project work, and who demonstrate the following qualifications:

(1) possess any license required by state or federal law for the Project work to be performed;

(2) have worked a total of at least two thousand (2,000) hours in the construction craft during the prior two (2) years;

(3) were on the Contractor's active payroll for at least ninety (90) out of the one hundred and twenty (120) calendar days prior to the contract award;

(4) have the ability to perform safely the basic functions of the applicable trade; and

(5) are City of Sacramento residents.

For purposes of this Section 9.3, a City of Sacramento contractor or subcontractor is any construction contractor that maintains its principal place of business in the City of Sacramento. A City of Sacramento resident is any individual who six (6) months prior to the award of the Construction Contract to the Contractor can certify through a utility bill or other similar means acceptable to the parties that the individual resides within the municipal boundaries of the City of Sacramento.

9.4 The Union will refer to such Contractor one journeyman employee from the hiring hall out-of-work list for the affected trade or craft, and will then refer one of such Contractor's "core" employees as a journeyman and shall repeat the process, one and one, until such Contractor's crew requirements are met or until such Contractor has hired four (4) "core" employees, whichever occurs first. Thereafter, all additional employees in the affected trade or craft shall be hired exclusively from the hiring hall out-of-work list(s). For the duration of the Contractor's work, the ratio shall be maintained and when the Contractor's workforce is reduced, employees shall be reduced in the same ratio of core employees to hiring hall referrals as was applied in the initial hiring.

9.5 The work hours performed by any out-of-state residents shall not be included in the total work hours on the Project in calculating the percentage of total work hours worked by Local Area residents.

9.6 Apprenticeship and Workforce Development.

9.6.1 Recognizing the need to develop adequate numbers of competent workers in the construction industry, the Contractor(s) shall employ apprentices of a California State- approved Joint Apprenticeship Training Program in the respective crafts to perform such work as is within their capabilities and which is customarily performed by the craft in which they are indentured. The apprentice ratios will comply with the applicable provisions of the California Labor Code and Prevailing Wage Rate Determination. Consistent with the Master Agreements and state law, there shall be no restriction on the utilization of apprentices in performing the work of their craft provided they are properly supervised.

9.6.2 It is an objective of the parties that not less than twenty percent (20%) of all apprentice hours worked on the Project, on a craft by craft basis, shall be worked by "Priority Apprentices." Priority Apprentices shall reside in one of the economically disadvantaged zip codes listed in section 9.6.2.1 and meet one additional Priority Apprentice criteria in section 9.6.2.2 below. Contractors shall reach this goal through utilization of the normal hiring hall procedures. The Unions are committed to working with the Contractors to achieve these goals. All apprentices referred to Contractors under this Agreement shall be enrolled in State of California approved Joint Apprentice Training Programs.

9.6.2.1 To qualify as a Priority Apprentice, an apprentice must reside in one of the following economically disadvantaged zip codes: 95652, 95660, 95811, 95814, 95815, 95817, 95820, 95823, 95824, 95832, 95838.

9.6.2.2 In addition to residing in one of the economically disadvantaged zip codes, to qualify as a Priority Apprentice, an apprentice must satisfy one of the eligibility criteria maintained and enforced by the Sacramento Employment and Training Agency ("SETA"), including criteria for: veterans; prior offenders; public assistance recipients; foster youth; homeless; unemployed individuals; women interested in joining the trades; and/or other criteria as may be agreed to by the City and the Trades Council. Determination of an individual's satisfaction of the Priority Apprentice criteria shall be made in a manner consistent with historic eligibility determination policies and practices. The individual must also meet eligibility criteria and application requirements for applicable Union apprenticeship programs.

9.6.2.3 In the event that an insufficient number of apprentices have been identified to meet the Priority Apprentice work hour objectives of this Agreement from the economically disadvantaged zip code specified in Section 9.6.2.1 after a good faith effort to identify eligible residents, the Priority Apprentice goals may be satisfied by identifying apprentices that satisfy one of the SETA criteria described in Section 9.6.2.2 and who also are residents of the Local Area in the order of priority set forth in Section 9.1.

9.6.3 The Trades Council and Unions will determine the admission and training of Priority Apprentices placed into applicable apprenticeship programs. Upon request from a Contractor, the Unions shall timely dispatch available apprentices who satisfy specified Priority Apprentice criteria, the requirements of a specific job and such other applicable bona fide qualifications.

9.7 The Contractor and Unions shall make good faith efforts to reach the local hire, and Priority Apprentice goals set forth in Section 9 through the utilization of normal hiring hall and apprentice procedures and, when appropriate, the identification of potentially qualified apprentices through community-based organizations working in collaboration with the apprenticeship programs. The Unions are committed to working with the Contractor(s) and community-based organizations to achieve these goals. At least annually, the Unions and the City will conduct a Community Career Fair to provide at-risk youth, veterans, and others an opportunity to learn about each craft and the process for entering their apprenticeship programs.

9.7.1 To assess compliance with the local hire and Priority Apprentice goals of the CWTA, Contractor shall provide monthly workforce reports at the regular Joint Labor/Management meetings required by the CWTA. The workforce reports shall include information regarding the number of: (i) journey-level workers that are Local Area Residents; (ii) Apprentices that are Local Area Residents and satisfy the other Priority Apprentice criteria, including a breakdown of apprentices that reside within the targeted zip codes. The Contractor(s) and the Unions agree to furnish all information required to prepare these reports.

9.7.2 In the event that the workforce reports indicate that the local hire and apprenticeship goals of the CWTA are not being met, the Project Manager or his or her designee shall explore with the Contractors and subcontractors and the Unions additional actions and measures that may be taken to ensure compliance with such goals.

9.7.3 The Contractor(s) will describe the requirements, performance and enforcement mechanisms of this CWTA including this Apprenticeship Program in each subcontract. Any Contractor or subcontractor who fails to employ without just cause Apprentice(s) dispatched by an Apprenticeship Program thereby jeopardizing its opportunity to achieve the apprenticeship goals described above shall, upon receipt of written notice from the Project Manager or his or her designee, be given thirty (30) days to promptly employ such number of dispatched Apprentices as may be required to meet the stated apprentice goals available under that certain Subcontractor's subcontract. In the event of a second written notice of failure to employ without just cause dispatched Apprentices from the Unions to a Contractor or subcontractor, the Project Manager or his or her designee shall take such actions as it deems appropriate to the circumstances and necessary to achieve the purposes of the CWTA, bid documents, and the subcontractor's subcontract.

9.8 Student Internship Opportunities. All Contractors awarded Construction Contracts to perform Covered Work on the Project shall make a good faith effort to provide paid internship opportunities to eligible students. Such opportunities may include engineering, design, and/or construction management work associated with the implementation and administration of the Project.

9.9 Good Faith Efforts. A Contractor must take the following good faith steps to demonstrate that it has made every effort to reach the Local Hire, Priority Apprentice, and Student Internship goals of this Agreement. The Contractor shall attend scheduled Pre-Job meetings held under this Agreement and shall submit written workforce projections and projected work hours on a craft-by-craft basis.

9.9.1 Within seven (7) calendar days after Notice to Proceed, the Contractor shall meet with the Unions and the City to present its plan for reaching the Local Hire, Priority Apprentice and Student Internship goals.

9.9.2 The Contractor or subcontractor shall notify the Project Manager by U.S. Mail or electronic mail if a Union hiring hall cannot, upon request by the Contractor or subcontractor, dispatch Local Area residents and/or Priority Apprentices to the Project. It shall be the responsibility of the Contractor to retain all evidence of such good faith efforts.

9.10 Enforcement, Compliance and Reporting.

9.10.1 Contractors will be required to submit Certified Weekly Payrolls to the City along with monthly workforce utilization reports, described in section 9.7.1 above, documenting the Contractor's compliance with the requirements described in this Article. At a minimum, the monthly reports must include: 1) data on Local Area residents, Priority Apprentice, and Student Internship work hour utilization on the Project; and 2) documentation showing any requests made to the Union dispatchers for Local Area residents and Priority Apprentices and the Union's response to the request.

9.10.2 The City staff shall monitor the operation of the Local Hire, Priority Apprentice and Student Internship programs and shall consider allegations of non-compliance with the goals stated in this Article. If there is a determination by the City that a Contractor has not complied with the goals or demonstrated good faith efforts to do so, the City and the Contractor shall meet and confer in order to identify necessary actions to resolve the issue and ensure a good faith effort to achieve the objectives of this Article.

ARTICLE X
HELMETS TO HARDHATS

10.1 The Contractor(s) and the Unions recognize a desire to facilitate the entry into the building and construction trades of veterans and members of the National Guard and Reserves who are interested in careers in the building and construction industry. The Contractor(s) and Unions agree to utilize the services of the Center for Military Recruitment, Assessment and Veterans Employment (hereinafter "Center), a joint Labor- Management Cooperation Trust Fund, established under the authority of Section 6(b) of the Labor-Management Cooperation Act of 1978, 29 U.S.C. Section 175(a), and Section 302(c)(9) of the Labor-Management Relations Act, 29 U.S.C. Section 186(c)(9), and a charitable tax exempt organization under Section 501(c)(3) of the Internal Revenue Code, and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs as identified by the parties.

10.2 The Unions and Contractor(s) agree to coordinate with the Center to participate in an integrated database of veterans and members of the National Guard and Reserves interested in working on the Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Unions will give credit to such veterans for bona fide, provable past experience.

ARTICLE XI
WAGES AND BENEFITS

11.1 All Contractor(s) agree to pay contributions to the established vacation, pension and other form of deferred compensation plan, apprenticeship, worker protection and assistance, and health benefit funds established by the applicable Master Agreement for each hour worked on the Project in the amounts designated in the Master Agreements of the appropriate Local Unions.

11.2 By signing this Agreement, the Contractor(s) adopts and agrees to be bound by the written terms of the legally established Trust Agreements, as described in Section 11.1, which may from time to time be amended, specifying the detailed basis on which payments are to be made into, and benefits paid out of, such Trust Funds. The Contractor(s) authorize the parties to such local trust agreements to appoint trustees and successor trustees to administer the trust funds and hereby ratify and accept the trustees so appointed as if made by the Contractor(s). The Contractor(s) agrees to execute a separate Subscription Agreement(s) for a Trust Fund(s) when required by such Trust Fund(s).

11.3 Wages, Hours, Terms and Conditions of Employment. The wages, hours and other terms and conditions of employment on the Project shall be governed by the Master Agreement of the respective crafts to the extent such Master Agreement is not inconsistent with this Agreement. All employees covered by this Agreement shall be classified and paid in accordance with the classification and wage scales contained in the appropriate local agreements which have been negotiated by the historically recognized bargaining entity and in compliance with the applicable general prevailing wage determination made by the Director of Industrial Relations pursuant to the California Labor Code.

11.4 During the period of construction on this Project, the Contractor(s) agrees to recognize and put into effect such increases in wages and recognized fringe benefits as shall be negotiated between the various Unions and the historically recognized local bargaining entity on the effective date as set forth in the applicable agreement. The Unions shall notify the Contractor(s) in writing of the specific increases in wages and recognized fringe benefits and the date on which they become effective.

11.5 Holidays. Holidays shall be in compliance with the applicable Schedule A agreement.

ARTICLE XII
COMPLIANCE

12.1 It shall be the responsibility of the Contractor(s) and Unions to investigate and monitor compliance with the provisions of the Agreement contained in Article XI. Nothing in this Agreement shall be construed to interfere with or supersede the usual and customary legal remedies available to the Unions and/or employee benefit Trust Funds to collect delinquent Trust Fund contributions from Employers on the Project. The City shall monitor and enforce the Contractor(s)' compliance with this Agreement and with the prevailing wage requirements of the State to the extent required by law.

ARTICLE XIII
EMPLOYEE GRIEVANCE PROCEDURE

13.1 All disputes involving discipline and/or discharge of employees working on the Project shall be resolved through the grievance and arbitration provision contained in the Master Agreement for the craft of the affected employee. No employee working on the Project shall be disciplined or dismissed without just cause.

ARTICLE XIV
GENERAL GRIEVANCE PROCEDURE

14.1 Project Labor Disputes. All disputes involving the application or interpretation of the Master Agreement to which a signatory Contractor and a signatory Union are parties shall be resolved pursuant to the resolution procedures of that Master Agreement. All disputes relating to the interpretation or application of this Agreement, excluding work stoppages, strikes, sympathy strikes, and lockouts subject to Article IV, shall be subject to resolution by the grievance arbitration procedures set forth in this Article XIV.

14.2 No grievance shall be recognized unless the grieving party (Local Union or District Council on its own behalf, or on behalf of an employee whom it represents, or a Contractor on its own behalf) provides notice in writing to the party with whom it has a dispute within five (5) business days after becoming aware of the dispute but in no event more than thirty (30) business days after it reasonably should have become aware of the event giving rise to the dispute. Time limits may be extended by mutual written agreement of the parties.

Step 1: Within five (5) business days after the receipt of the written notice of the grievance, the Business Representative of the involved Local Union or District Council, or his/her designee, or the representative of the employee, and the representative of the involved Contractor shall confer and attempt to resolve the grievance.

Step 2: In the event that the representatives are unable to resolve the dispute within the five (5) business days of the Step 1 meeting, within five (5) business days thereafter, the alleged grievance may be referred in writing by either involved party to the Business Manager(s) of the affected Union(s) involved and the Manager of Labor Relations of the Contractor(s) or the Manager's designated representative, for discussion and resolution. Regardless of which party has initiated the grievance proceeding, prior to a Step 2 meeting, the Union(s) shall notify its International Union representative(s), which shall advise both parties if it intends on participating in a Step 2 meeting. The Project Manager and the Trades Council shall have the right to participate in any efforts to resolve the dispute at Step 2.

Step 3: If the grievance is not settled in Step 2 within five (5) business days, within five (5) business days thereafter, either party may request the dispute be submitted to an Arbitrator for final and binding arbitration. The request for arbitration must be in writing with a copy to Project Manager. Should the parties be unable to mutually agree on the selection of an Arbitrator, selection for that given arbitration shall be made by seeking a list of seven (7) labor arbitrators with construction experience from the Federal Mediation and Conciliation Service and alternately striking names from the list of names on the list until the parties agree on an Arbitrator or until one name remains. The first party to strike a name from the list shall alternate between the party bringing forth the grievance and the party defending the grievance. The Project Manager shall keep a record of the sequence and shall notify the parties to the grievance as to which party has the right to strike a name first. The decision of the Arbitrator shall be final and binding on all parties. The Arbitrator shall have no authority to change, amend, add to or detract from any of the provisions of the Agreement. The expense of the Arbitrator shall be borne equally by both parties. The Arbitrator shall arrange for a hearing on the earliest available date from the date of his/her selection. A decision shall be given to the parties within five (5) calendar days after completion of the hearing unless such time is extended by mutual agreement. A written opinion may be requested by a party from the presiding arbitrator.

The time limits specified in any step of the Grievance Procedure set forth in Section 14.2 may be extended by mutual agreement of the parties. However, failure to process a grievance, or failure to respond in writing within the time limits provided above, without an agreed upon extension of time, shall be deemed a waiver of such grievance without prejudice, or without precedent to the processing of and/or resolution of like or similar grievances or disputes.

In order to encourage the resolution of disputes and grievances at Steps 1 and 2 of this Grievance Procedure, the parties agree that such settlements shall not be precedent setting.

14.3 Retention. At the time a grievance is submitted under this Agreement or any Master Agreement, the Union(s) may request that the City withhold and retain an amount from what is due and owing to the Contractor(s) against whom the grievance is filed sufficient to cover the damages alleged in the grievance should the Union(s) prevail. The amount shall be retained by the City until such time as the underlying grievance giving rise to the retention is withdrawn, settled, or otherwise resolved, and the retained amount shall be paid to whomever the parties to the grievance shall decide, or to whomever an Arbitrator shall so order.

ARTICLE XV
WORK ASSIGNMENTS AND JURISDICTIONAL DISPUTES

15.1 The assignment of Covered Work will be solely the responsibility of the Contractor(s) performing the work involved; and such work assignments will be in accordance with the Plan for the Settlement of the Jurisdictional Disputes in the Construction Industry (the "Plan") or any successor Plan.

15.2 All jurisdictional disputes on this Project between or among the building and construction trades Unions and the Contractor(s) subject to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Employers and Contractor(s) subject to this Agreement.

15.3 If a dispute arising under this Article involves the Northern California Carpenters Regional Council or any of its subordinate bodies, an Arbitrator shall be chosen by the procedures specified in Article V, Section 5, of the Plan from a list composed of John Kagel, Thomas Angelo, Robert Hirsch, and Thomas Pagan, and the Arbitrator's hearing on the dispute shall be held at the offices of the California State Building and Construction Trades Council in Sacramento, California within fourteen (14) days of the selection of the Arbitrator. All other procedures shall be as specified in the Plan.

15.4 All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature and the Contractor(s)' assignment shall be adhered to until the dispute is resolved. Individual employees violating this section shall be subject to immediate discharge. Each Contractor will conduct a pre-job conference with the Unions in accordance with Section 5.2 of this Agreement.

ARTICLE XVI
MANAGEMENT RIGHTS

16.1 The City and Contractor(s) shall retain full and exclusive authority for the management of their operations, including the right to direct their workforce in their sole discretion. Except as provided by Section 2.2.3 and by the lawful manning provisions in the

applicable Master Agreement, no rules, customs or practices shall be permitted or observed which limit or restrict production, or limit or restrict the working efforts of employees.

ARTICLE XVII
DRUG & ALCOHOL TESTING

17.1 The use, sale, transfer, purchase and/or possession of a controlled substance, alcohol and/or firearms at any time during the work day is prohibited.

17.2 The parties agree to recognize and use the Substance Abuse Program contained in each applicable Local Union's Master Agreement, except as it may conflict with the City's Drug-Free Workplace Policy. In the event of a conflict, the City's policy shall prevail.

ARTICLE XVIII
SAVINGS CLAUSE

18.1 The parties agree that in the event any article, provision, clause, sentence or word of the Agreement is determined to be illegal or void as being in contravention of any applicable law, by a court of competent jurisdiction, the remainder of the Agreement shall remain in full force and effect. The parties further agree that if any article, provision, clause, sentence or word of the Agreement is determined to be illegal or void by a court of competent jurisdiction, the parties shall substitute, by mutual agreement, in its place and stead, an article, provision, clause, sentence or word which will meet the objections to its validity and which will be in accordance with the intent and purpose of the article, provision, clause, sentence or word in question.

18.2 If a court of competent jurisdiction determines that all or part of the Agreement is invalid and/or enjoins the City from complying with all or part of its provisions and the City accordingly determines that the Agreement will not be required as part of an award to a Contractor(s), the Unions will no longer be bound by the provisions of Article IV.

18.3 The parties agree that should any Project subject to this Agreement receive a non-de minimis allocation of federal funds for construction of the Project, and such federal funding allocation, whether or not allocated through the state, includes a condition to receipt of the federal funds that prohibits the City from applying any local hiring preference in any contracts for construction of the Project, or that prohibits application of any other provision or provisions of this Agreement, the local resident hiring provisions contained in Article IX , or any other provision or provisions of this Agreement prohibited by such condition to receipt of federal funds for Project construction, shall not be applied to the Project, but all other terms and conditions of this Agreement shall remain in full force and effect.

ARTICLE XIX
AMENDMENT/COUNTERPARTS/AUTHORITY

19.1 Any substantive modification of any provision or addendum to this Agreement must be reduced to writing and signed by the City, Trades Council and Unions to be effective.

19.2 This Agreement may be executed in counterparts, such that original signatures may appear on separate pages, and when bound together all necessary signatures shall constitute an original. Facsimile or scanned signature pages transmitted to other parties to this Agreement shall be deemed equivalent to original signatures.

19.3 Each of the persons signing this Agreement represents and warrants that such person has been duly authorized to sign this Agreement on behalf of the party indicated and each of the parties by signing this Agreement warrants and represents that such party is legally authorized and entitled to enter into this Agreement.

ARTICLE XX
TERM

20.1 This Agreement shall remain in full force and effect for a period of five (5) years from the date it becomes effective. Every six to twelve months, the City and the Trades Council agree to meet and confer regarding the experience with Projects covered by the Agreement, and to determine whether any changes in the administration or implementation of the Agreement would be beneficial or would improve operation of the Agreement. Prior to the expiration of this Agreement, the parties may agree to extend the term of this Agreement or enter into a new agreement incorporating any substantive changes based on the status of and experience with Projects covered by the Agreement.

CITY OF SACRAMENTO

Francesca Lee Halbakken — Date: Nov. 9, 2018

Assistant City Manager Francesca Lee Halbakken for City Manager Howard Chan

Title:

Approved as to form:

Jennifer V. Gose — Date: Nov. 9, 2018

City Attorney

Attested to by:

[signature] — Date: 11/5/2018

City Clerk

SACRAMENTO BUILDING AND CONSTRUCTION TRADES COUNCIL, AFL-CIO COUNCIL

_____ Date: 11/09/2018

Name:

Executive Director

Title:

UNIONS

Asbestos Workers Local #16

Iron Workers Local #118

Bricklayers Local #3

Laborers Local #185

Boilermakers Local #549

Operating Engineers Local #3

Cement Masons Local #400

Plasterers & Cement Masons Local #300

Northern California Carpenters Regional Council on behalf of itself and its affiliated Local Unions

UA of Journeymen & Apprentices of the Plumbing & Pipe Fitting Ind. Local #355

District Council #16 International Union of Painters & Allied Trades

Plumbers & Pipefitters Local #447

Elevator Constructors Local #8

Roofers Local #81

International Brotherhood of Electricians Local #340

Sheet Metal Workers Local #104

Sprinkler Fitters Local #669

Teamsters Local #150

Asbestos, Lead and Mold Laborers Local #67

Addendum A

COMMUNITY WORKFORCE AND TRAINING AGREEMENT
CITY OF SACRAMENTO

AGREEMENT TO BE BOUND

The undersigned, as a Contractor or Subcontractor, including construction material trucking company/entity, (CONTRACTOR) on the City of Sacramento Project, (hereinafter PROJECT), for and in consideration of the award to it of a contract to perform work on said PROJECT, and in further consideration of the mutual promises made in this Community Workforce and Training Agreement (hereinafter AGREEMENT), a copy of which was received and is acknowledged, hereby:

(1) Accepts and agrees to be bound by the terms and conditions of the AGREEMENT for this Project, together with any and all amendments and supplements now existing or which are later made thereto.

(2) The CONTRACTOR agrees to be bound by the legally established local trust agreements designated in the applicable Master Agreement as described in Article XI of this AGREEMENT.

(3) The CONTRACTOR authorizes the parties to such local trust agreements to appoint trustees and successor trustees to administer the trust funds and hereby ratifies and accepts the trustees so appointed as if made by the CONTRACTOR.

(4) Certifies that it has no commitments or agreements which would preclude its full and complete compliance with the terms and conditions of said AGREEMENT.

(5) Agrees to secure from any CONTRACTOR(S) (as defined in said AGREEMENT) which is or becomes a subcontractor (of any tier) to it, a duly executed Agreement to be Bound in form identical to this document.

(6) This Agreement to be Bound constitutes a subscription agreement to the extent of its terms. However, the undersigned agrees to execute a separate Subscription Agreement(s) or contributing employer agreement for Trust Funds when such Trust Fund(s) requires such document(s).

Date:_____

_____
Name of Contractor

_____
(Name of Contractor Representative)

_____
(Authorized Officer & Title)

_____
CSLB # or Motor Carrier Permit

APPENDIX F

Davis Bacon

Wages

"General Decision Number: CA20260007 01/23/2026

Superseded General Decision Number: CA20250007

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only); DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/02/2026
1	01/09/2026
2	01/16/2026
3	01/23/2026

ASBE0016-001 01/01/2024

AREA 1: MARIN, NAPA, SAN BENITO, SAN FRANCISCO, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHEMA, TRINITY, YOLO, & YUBA COUNTIES

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems)		
Area 1	$ 84.76	25.07
Area 2	$ 64.56	25.07

ASBE0016-007 05/01/2025

AREA 1 : ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

AREA 2: MARIN & NAPA COUNTIES

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes		

preparation, wetting,
stripping, removal,
scrapping, vacuuming, bagging
and disposing of all
insulation materials from
mechanical systems, whether
they contain asbestos or not)
AREA 1.....$ 35.31 12.75
AREA 2.....$ 44.73 12.75

BOIL0549-002 01/01/2021

	Rates	Fringes
BOILERMAKER		
(1) Marin & Solano Counties.	$ 49.62	41.27
(2) Remaining Counties.....	$ 45.60	38.99

BRCA0003-001 08/01/2024

	Rates	Fringes
MARBLE FINISHER.....	$ 42.06	19.80

BRCA0003-004 05/01/2024

AREA 1: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2: MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
BRICKLAYER		
AREA 1.....	$ 52.76	25.01
AREA 2.....	$ 57.02	28.50

SPECIALTY PAY:
(A) Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit shall be paid $1.25 per hour above the regular rate. Work in direct contact with raw sewage shall receive $1.25 per hour in addition to the above.
(B) Operating a saw or grinder shall receive $1.25 per hour above the regular rate.
(C) Gunite nozzle person shall receive $1.25 per hour above the regular rate.

BRCA0003-008 07/01/2024

	Rates	Fringes
TERRAZZO FINISHER.....	$ 44.93	20.98
TERRAZZO WORKER/SETTER.....	$ 60.58	29.79

BRCA0003-010 04/01/2024

	Rates	Fringes
TILE FINISHER		
Area 1.....	$ 35.00	17.44

Area 2	$ 34.76	19.22
Area 3	$ 37.75	19.28
Area 4	$ 35.78	19.23
Tile Layer		
Area 1	$ 55.55	21.08
Area 2	$ 55.17	22.52
Area 3	$ 59.92	22.62
Area 4	$ 56.79	22.54

AREA 1: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehema, Yolo, Yuba
AREA 2: Alpine, Amador
AREA 3: Marin, Napa, Solano, Siskiyou
AREA 4: Sonoma

BRCA0003-014 08/01/2024

	Rates	Fringes
MARBLE MASON	$ 61.72	30.31

CARP0034-001 07/01/2021

	Rates	Fringes
Diver		
Assistant Tender, ROV Tender/Technician	$ 54.10	34.69
Diver standby	$ 60.51	34.69
Diver Tender	$ 59.51	34.69
Diver wet	$ 103.62	34.69
Manifold Operator (mixed gas)	$ 64.51	34.69
Manifold Operator (Standby)	$ 59.51	34.69

DEPTH PAY (Surface Diving):
050 to 100 ft $2.00 per foot
101 to 150 ft $3.00 per foot
151 to 220 ft $4.00 per foot
221 ft.-deeper $5.00 per foot

SATURATION DIVING:
The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:
Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: $1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48"" in height, the premium will be $1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:
Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

CARP0034-003 07/01/2021

	Rates	Fringes
Piledriver	$ 54.10	34.69

CARP0035-001 08/01/2020

AREA 1: MARIN, NAPA, SOLANO & SONOMA

AREA 3: SACRAMENTO, WESTERN EL DORADO (Territory west of an including highway 49 and the territory inside the city limits of Placerville), WESTERN PLACER (Territory west of and including highway 49), & YOLO

AREA 4: ALPINE, BUTTE, COLUSA, EASTERN EL DORADO, GLENN, LASSEN, MODOC, NEVADA, EASTERN PLACER, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, & YUBA

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1	$ 52.65	31.26
Area 3	$ 47.27	31.26
Area 4	$ 45.92	31.26
Drywall Stocker/Scrapper		
Area 1	$ 26.33	18.22
Area 3	$ 23.64	18.22
Area 4	$ 22.97	18.22

CARP0035-009 07/01/2020

Marin County

	Rates	Fringes
CARPENTER		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 52.80	30.82
Journeyman Carpenter	$ 52.65	30.82
Millwright	$ 52.75	32.41

CARP0035-010 07/01/2020

AREA 1: Marin, Napa, Solano & Sonoma Counties

AREA 2: Monterey, San Benito and Santa Cruz

AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo & Yuba counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer	$ 28.76	22.53

Lead Installer	$ 32.21	23.03
Master Installer	$ 36.43	23.03
Area 2		
Installer	$ 26.11	22.53
Lead Installer	$ 29.08	23.03
Master Installer	$ 32.71	23.03
Area 3		
Installer	$ 25.16	22.53
Lead Installer	$ 27.96	23.03
Master Installer	$ 31.38	23.03

CARP0046-001 07/01/2023

El Dorado (West), Placer (West), Sacramento and Yolo Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 60.39	33.52
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 54.66	33.52
Journeyman Carpenter	$ 54.51	33.52
Millwright	$ 57.01	35.11

Footnote: Placer County (West) includes territory West of and including Highway 49 and El Dorado County (West) includes territory West of and including Highway 49 and territory inside the city limits of Placerville.

CARP0046-002 07/01/2023

Alpine, Colusa, El Dorado (East), Nevada, Placer (East), Sierra, Sutter and Yuba Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 60.39	33.52
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 53.31	33.52
Journeyman Carpenter	$ 53.16	33.52
Millwright	$ 55.66	35.11

CARP0152-003 07/01/2020

Amador County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold &		

Steel Shoring Erector, Saw		
Filer	$ 45.57	30.82
Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

CARP0180-001 07/01/2021

Solano County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw		
Filer	$ 55.00	31.49
Journeyman Carpenter	$ 54.85	31.49
Millwright	$ 54.95	33.08

CARP0751-001 07/01/2021

Napa and Sonoma Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw		
Filer	$ 55.00	31.49
Journeyman Carpenter	$ 54.85	31.49
Millwright	$ 54.95	33.08

CARP1599-001 07/01/2020

Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw		
Filer	$ 45.57	30.82
Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

ELEC0180-001 06/01/2025

NAPA AND SOLANO COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 69.26	3%+29.28

ELECTRICIAN.....$ 61.56 3%+29.28

ELEC0180-003 12/01/2025

NAPA AND SOLANO COUNTIES

	Rates	Fringes
Sound & Communications		
Installer	$ 53.08	30.84
Technician	$ 61.04	31.08

SCOPE OF WORK INCLUDES-
SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-
Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

ELEC0340-002 03/01/2025

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, NEVADA, PLACER, PLUMAS, SACRAMENTO, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
Communications System		
Sound & Communications Installer	$ 40.00	25.50
Sound & Communications Technician	$ 46.00	25.68

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS
Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems, Multi-media/multiplex systems, Sound and musical

entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS
Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS Perimeter security systems Vibration sensor systems Card access systems Access control systems Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems VSAT Data Systems Data Communication Systems RF and Remote Control Systems Fiber Optic Data Systems WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:
1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

ELEC0340-003 08/01/2025

ALPINE (West of Sierra Mt. Watershed), AMADOR, BUTTE, COLUSA, EL DORADO (West of Sierra Mt. Watershed), GLENN, LASSEN, NEVADA (West of Sierra Mt. Watershed), PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA (West of Sierra Mt. Watershed), SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
ELECTRICIAN		
Remaining area	$ 52.70	38.68
Sierra Army Depot, Herlong	$ 48.83	18.54
Tunnel work	$ 41.01	18.54

CABLE SPLICER: Receives 110% of the Electrician basic hourly rate.

ELEC0401-005 01/01/2025

ALPINE (east of the main watershed divide), EL DORADO (east of the main watershed divide), NEVADA (east of the main watershed), PLACER (east of the main watershed divide) and SIERRA (east of the main watershed divide) COUNTIES:

	Rates	Fringes
ELECTRICIAN	$ 48.50	23.04

ZONE RATE:

70-90 miles - $10.00 per hour
91+ miles - $15.00 per hour

ELEC0551-004 06/01/2024

MARIN AND SONOMA COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 59.17	32.04

ELEC0551-005 12/01/2025

MARIN & SONOMA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer	$ 53.08	30.84
Technician	$ 61.04	31.08

SCOPE OF WORK INCLUDES-
SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-
Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

ELEC0659-006 01/01/2026

MODOC and SISKIYOU COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 47.04	21.84

ELEC0659-008 02/01/2023

DEL NORTE, MODOC & SISKIYOU COUNTIES

	Rates	Fringes
Line Construction		
(1) Cable Splicer	$ 67.80	4.5%+22.15

(2) Lineman, Pole Sprayer, Heavy Line Equipment Man....$ 60.54 4.5%+22.15
(3) Tree Trimmer.....$ 37.84 4.5%+14.30
(4) Line Equipment Man.....$ 53.82 4.5%+19.40
(5) Powdermen, Jackhammermen.....$ 40.37 4.5%+14.30
(6) Groundman.....$ 33.37 4.5%+14.30

ELEC1245-004 01/01/2025

ALL COUNTIES EXCEPT DEL NORTE, MODOC & SISKIYOU

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	$ 70.16	24.71
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	$ 53.30	22.26
(3) Groundman.....	$ 40.76	21.76
(4) Powderman.....	$ 51.87	18.79

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and day after Thanksgiving, Christmas Day

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ELEV0008-001 01/01/2025

	Rates	Fringes
ELEVATOR MECHANIC.....	$ 84.05	38.435+a+b

FOOTNOTE:
a. PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.
b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

ENGI0003-008 08/01/2024

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman.....	$ 60.61	39.55
(2) Dredge Dozer; Heavy duty repairman.....	$ 55.65	39.55
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	$ 54.53	39.55
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	$ 51.23	39.55

AREA 2:		
(1) Leverman	$ 62.61	39.55
(2) Dredge Dozer; Heavy duty repairman	$ 57.65	39.55
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator	$ 56.53	39.55
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler	$ 53.23	39.55

AREA DESCRIPTIONS

AREA 1: ALAMEDA,BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINGING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:
Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:
Area 1: Remainder
Area 2: Eastern part

COLUSA COUNTY:
Area 1: Eastern part
Area 2: Remainder

ELDORADO COUNTY:
Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY:
Area 1: Remainder
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

LASSEN COUNTY:
Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

MONTERREY COUNTY
Area 1: Except Southwestern part
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: Al but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:
Area 1: All but the Northwestern corner
Area 2: Remainder

TEHAMA COUNTY:
Area 1: All but the Western border with Mendocino & Trinity Counties
Area 2: Remainder

TRINITY COUNTY:
Area 1: East Central part and the Northeastern border with Shasta County
Area 2: Remainder

TUOLUMNE COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

ENGI0003-019 06/30/2025

SEE AREA DESCRIPTIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (LANDSCAPE WORK ONLY)		
GROUP 1		
AREA 1	$ 55.85	28.56
AREA 2	$ 57.85	28.56
GROUP 2		
AREA 1	$ 52.25	28.56
AREA 2	$ 54.25	28.56
GROUP 3		
AREA 1	$ 47.64	28.56
AREA 2	$ 49.64	28.56

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade

work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:
Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:
Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:
Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:
Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY
Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Remainder
Area 2: Eastern part

MENDOCINO COUNTY:
Area 1: Central and Southeastern parts
Area 2: Remainder

MONTEREY COUNTY
Area 1: Remainder
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:
Area 1: All but the Northwestern corner
Area 2: Reaminder

TEHAMA COUNTY:
Area 1: All but the Western border with mendocino & Trinity Counties
Area 2: Remainder

TRINITY COUNTY:
Area 1: East Central part and the Northeaster border with Shasta County
Area 2: Remainder

TULARE COUNTY;
Area 1: Remainder
Area 2: Eastern part

TUOLUMNE COUNTY:
Area 1: Remainder

Area 2: Eastern Part

ENGI0003-038 06/30/2025

""AREA 1"" WAGE RATES ARE LISTED BELOW

""AREA 2"" RECEIVES AN ADDITIONAL $2.00 PER HOUR ABOVE AREA 1 RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1	$ 66.96	32.53
GROUP 2	$ 65.43	32.53
GROUP 3	$ 63.95	32.53
GROUP 4	$ 62.57	32.53
GROUP 5	$ 61.30	32.53
GROUP 6	$ 59.98	32.53
GROUP 7	$ 58.84	32.53
GROUP 8	$ 57.70	32.53
GROUP 8-A	$ 55.49	32.53
OPERATOR: Power Equipment (Cranes and Attachments - AREA 1:)		
GROUP 1		
Cranes	$ 68.59	32.53
Oiler	$ 43.79	31.15
Truck crane oiler	$ 46.08	31.15
GROUP 2		
Cranes	$ 66.08	32.53
Oiler	$ 42.83	31.15
Truck crane oiler	$ 45.07	31.15
GROUP 3		
Cranes	$ 64.34	32.53
Hydraulic	$ 60.61	32.53
Oiler	$ 42.55	31.15
Truck crane oiler	$ 44.83	31.15
GROUP 4		
Cranes	$ 61.30	32.53
OPERATOR: Power Equipment (Piledriving - AREA 1:)		
GROUP 1		
Lifting devices	$ 52.64	31.15
Oiler	$ 43.38	31.15
Truck Crane Oiler	$ 45.66	31.15
GROUP 2		
Lifting devices	$ 50.82	31.15
Oiler	$ 43.11	31.15
Truck Crane Oiler	$ 45.41	31.15
GROUP 3		
Lifting devices	$ 49.14	31.15
Oiler	$ 42.89	31.15
Truck Crane Oiler	$ 45.12	31.15
GROUP 4		
Lifting devices	$ 47.37	31.15
GROUP 5		
Lifting devices	$ 44.73	31.15
GROUP 6		
Lifting devices	$ 42.50	31.15
OPERATOR: Power Equipment		

(Steel Erection - AREA 1:)

GROUP 1		
Cranes	$ 68.81	32.53
Oiler	$ 43.72	31.15
Truck Crane Oiler	$ 45.95	31.15
GROUP 2		
Cranes	$ 67.04	32.53
Oiler	$ 43.45	31.15
Truck Crane Oiler	$ 45.73	31.15
GROUP 3		
Cranes	$ 65.56	32.53
Hydraulic	$ 45.07	31.15
Oiler	$ 43.23	31.15
Truck Crane Oiler	$ 45.46	31.15
GROUP 4		
Cranes	$ 63.54	32.53
GROUP 5		
Cranes	$ 62.24	32.53

OPERATOR: Power Equipment
(Tunnel and Underground Work
- AREA 1:)

SHAFTS, STOPES, RAISES:		
GROUP 1	$ 63.06	32.53
GROUP 1-A	$ 65.53	32.53
GROUP 2	$ 61.80	32.53
GROUP 3	$ 60.47	32.53
GROUP 4	$ 59.33	32.53
GROUP 5	$ 58.19	32.53
UNDERGROUND:		
GROUP 1	$ 62.96	32.53
GROUP 1-A	$ 65.43	32.53
GROUP 2	$ 61.70	32.53
GROUP 3	$ 60.37	32.53
GROUP 4	$ 59.23	32.53
GROUP 5	$ 58.09	32.53

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: $.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber- tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed constuction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom- type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self- propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab

machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing mahcine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck- type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under;

GROUP 4: Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons;

PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge

mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator

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AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS,TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: DEL NORTE, HUMBOLDT, LAKE, MENDOCINO
AREA 2 -NOTED BELOW

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

DEL NORTE COUNTY:
Area 1: Extreme Southwest corner
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

MENDOCINO COUNTY:
Area 1: Central and Southeastern Parts
Area 2: Remainder

IRON0118-012 01/01/2025

ALPINE, LASSEN, MODOC, SISKIYOU and TRINITY COUNTIES

	Rates	Fringes
IRONWORKER	$ 43.75	34.45

IRON0118-013 01/01/2025

AMADOR, BUTTE, COLUSA,EL DORADO, GLENN,MARIN, NAPA, NEVADA, PLACER,PLUMAS, SACRAMENTO, SHASTA, SIERRA, SOLANO, SONOMA, SUTTER, TEHAMA, YOLO and YUBA COUNTIES

	Rates	Fringes
IRONWORKER	$ 50.70	35.15

LABO0067-003 07/01/2024

AREA ""1"" - MARIN and NAPA COUNTIES

AREA ""2"" - ALPINE, AMADOR, BUTTE COLUSA EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
LABORER (ASBESTOS/MOLD/LEAD LABORER)		
Marin and Napa Counties	$ 37.75	29.69
Remaining Counties	$ 36.75	29.69

LABO0067-005 01/01/2024

AREA ""A"" - ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA ""B"" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NEVADA, PLACER, PLUMAS, SANCREMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SIERRA, SHASTA, SISKIYOU, STANISLAUS, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YOUBA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A	$ 37.26	27.32
Area B	$ 36.26	27.32
Traffic Control Person I		
Area A	$ 37.56	27.32
Area B	$ 36.56	27.32
Traffic Control Person II		
Area A	$ 35.06	27.32
Area B	$ 34.06	27.32

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0185-002 07/01/2023

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 36.29	25.55

LABO0185-005 06/26/2023

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 45.89	27.72
GROUP 2	$ 45.66	27.72
GROUP 3	$ 45.41	27.72
GROUP 4	$ 44.96	27.72
GROUP 5	$ 44.42	27.72
Shotcrete Specialist	$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0185-006 06/26/2023

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHIASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist Group	$ 36.20	27.30
GROUP 1	$ 35.50	27.30
GROUP 1-a	$ 35.72	27.30
GROUP 1-c	$ 35.55	27.30
GROUP 1-e	$ 36.05	27.30
GROUP 1-f	$ 30.37	23.20
GROUP 2	$ 35.35	27.30
GROUP 3	$ 35.25	27.30
GROUP 4	$ 28.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA B:)		
(1) New Construction	$ 35.25	27.30
(2) Establishment Warranty Period	$ 28.94	27.30
LABORER (GUNITE - AREA B:)		
GROUP 1	$ 36.46	27.30
GROUP 2	$ 35.96	27.30
GROUP 3	$ 35.37	27.30
GROUP 4	$ 35.25	27.30
LABORER (WRECKING - AREA B:)		
GROUP 1	$ 35.50	27.30
GROUP 2	$ 35.35	27.30

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the

applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active,

large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0185-008 07/01/2023

	Rates	Fringes
Plasterer tender	$ 39.77	28.54

Work on a swing stage scaffold: $1.00 per hour additional.

LABO0261-002 07/01/2023

MARIN COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person	$ 37.26	27.30
Traffic Control Person I	$ 37.56	27.30
Traffic Control Person II	$ 35.06	27.30

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0261-004 06/26/2023

MARIN COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 45.89	27.72
GROUP 2	$ 45.66	27.72
GROUP 3	$ 45.41	27.72
GROUP 4	$ 44.96	27.72
GROUP 5	$ 44.42	27.72
Shotcrete Specialist	$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0261-007 07/01/2023

MARIN COUNTY

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 37.54	25.55

LABO0261-010 06/26/2023

MARIN COUNTY

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA A:)		
Construction Specialist Group	$ 37.20	27.30
GROUP 1	$ 36.50	27.30
GROUP 1-a	$ 36.72	27.30
GROUP 1-c	$ 36.55	27.30
GROUP 1-e	$ 37.05	27.30
GROUP 1-f	$ 31.37	23.20
GROUP 2	$ 36.35	27.30
GROUP 3	$ 36.25	27.30
GROUP 4	$ 29.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA A:)		
(1) New Construction	$ 36.25	27.30
(2) Establishment Warranty Period	$ 29.94	27.30
LABORER (GUNITE - AREA A:)		
GROUP 1	$ 37.46	27.30
GROUP 2	$ 36.96	27.30

GROUP 3	$ 36.37	27.30
GROUP 4	$ 36.25	27.30
LABORER (WRECKING - AREA A:)		
GROUP 1	$ 36.50	27.30
GROUP 2	$ 36.35	27.30

FOOTNOTES:
Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder;

All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:

A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0261-015 07/01/2023

	Rates	Fringes
Plasterer tender	$ 39.77	28.54

Work on a swing stage scaffold: $1.00 per hour additional.

LABO0324-004 07/01/2023

NAPA, SOLANO, AND SONOMA, COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person	$ 36.26	27.30
Traffic Control Person I	$ 36.56	27.30
Traffic Control Person II	$ 34.06	27.30

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0324-008 06/26/2023

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 45.89	27.72
GROUP 2	$ 45.66	27.72
GROUP 3	$ 45.41	27.72
GROUP 4	$ 44.96	27.72
GROUP 5	$ 44.42	27.72
Shotcrete Specialist	$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0324-010 07/01/2023

SOLANO AND SONOMA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 36.84	26.24

LABO0324-013 06/26/2023

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist Group	$ 36.20	27.30
GROUP 1	$ 35.50	27.30
GROUP 1-a	$ 35.72	27.30
GROUP 1-c	$ 35.55	27.30
GROUP 1-e	$ 36.05	27.30
GROUP 1-f	$ 36.08	27.30
GROUP 2	$ 35.35	27.30
GROUP 3	$ 35.25	27.30
GROUP 4	$ 28.94	27.30

See groups 1-b and 1-d under laborer classifications.

LABORER (GARDENERS,
HORTICULTURAL & LANDSCAPE
LABORERS - AREA B:)

(1) New Construction	$ 35.25	27.30
(2) Establishment Warranty Period	$ 28.94	27.30

LABORER (GUNITE - AREA B:)

GROUP 1	$ 36.46	27.30
GROUP 2	$ 35.96	27.30
GROUP 3	$ 35.37	27.30
GROUP 4	$ 35.25	27.30

LABORER (WRECKING - AREA B:)

GROUP 1	$ 35.50	27.30
GROUP 2	$ 35.35	27.30

FOOTNOTES:
Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster;

Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair

track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0324-019 07/01/2023

	Rates	Fringes
Plasterer tender	$ 39.77	28.54

Work on a swing stage scaffold: $1.00 per hour additional.

PAIN0016-004 01/01/2025

MARIN, NAPA, SOLANO & SONOMA COUNTIES

	Rates	Fringes
Painters:	$ 53.38	28.04

PREMIUMS:
EXOTIC MATERIALS - $1.25 additional per hour.
SPRAY WORK: - $0.50 additional per hour.
INDUSTRIAL PAINTING - $0.25 additional per hour
[Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:
over 50 feet - $2.00 per hour additional
100 to 180 feet - $4.00 per hour additional
Over 180 feet - $6.00 per houir additional

PAIN0016-005 01/01/2025

ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
DRYWALL FINISHER/TAPER	$ 59.63	31.29

PAIN0016-007 01/01/2025

ALPINE, AMADOR, BUTTE, COLUSA. EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Highway 395, excluding Honey Lake), MODOC, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
Painters:	$ 43.45	22.80

SPRAY/SANDBLAST: $0.50 additional per hour.
EXOTIC MATERIALS: $1.25 additional per hour.
HIGH TIME: Over 50 ft above ground or water level $2.00 additional per hour. 100 to 180 ft above ground or water level $4.00 additional per hour. Over 180 ft above ground or water level $6.00 additional per hour.

PAIN0016-008 01/01/2024

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER	$ 59.00	33.03

PAIN0169-004 01/01/2024

MARIN , NAPA & SONOMA COUNTIES; SOLANO COUNTY (west of a line defined as follows: Hwy. 80 corridor beginning at the City of Fairfield, including Travis Air Force Base and Suisun City; going north of Manakas Corner Rd., continue north on Suisun Valley Rd. to the Napa County line; Hwy. 80 corridor south on Grizzly Island Rd. to the Grizzly Island Management area)

	Rates	Fringes

GLAZIER.....$ 56.22 34.00

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* PAIN0567-001 07/01/2025

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Painters:		
Brush and Roller	$ 39.43	16.16
Paperhanger	$ 42.19	16.16
Spray Painter	$ 41.43	16.16

PREMIUMS:
Special Coatings (Brush), and Sandblasting = $0.50/hr
Special Coatings (Spray), and Steeplejack = $1.00/hr
Special Coating Spray Steel = $1.25/hr
Swing Stage = $2.00/hr

*A special coating is a coating that requires the mixing of 2 or more products.

PAIN0567-007 07/01/2022

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains) AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
SOFT FLOOR LAYER	$ 34.27	16.47

PAIN0567-010 07/01/2024

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Drywall		
(1) Taper	$ 42.79	16.12
(2) Steeplejack - Taper, over 40 ft with open space below	$ 44.29	16.12

PAIN0767-004 01/01/2024

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO (Remainder), SUTTER, TEHAMA, TRINITY, YOLO, YUBA

	Rates	Fringes
GLAZIER	$ 43.25	35.62

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive $1.50 per hour above the basic hourly rate at any elevation.

PAIN1176-001 07/01/2022

HIGHWAY IMPR0VEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1	$ 40.83	17.62
GROUP 2	$ 34.71	17.62
GROUP 3	$ 35.11	17.62

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

PAIN1237-001 01/01/2024

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER	$ 48.54	26.59

PLAS0300-003 07/01/2018

	Rates	Fringes
PLASTERER		
AREA 295: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehema, Trinity, Yolo & Yuba Counties	$ 32.70	31.68

AREA 355: Marin.....$ 36.73 31.68
AREA 355: Napa & Sonoma
Counties.....$ 32.70 31.68

PLAS0300-005 07/01/2016

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 32.15	23.27

PLUM0038-002 07/01/2025

MARIN AND SONOMA COUNTIES

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter)		
(1) Work on wooden frame structures 5 stories or less excluding high-rise buildings and commercial work such as hospitals, prisons, hotels, schools, casinos, wastewater treatment plants, and resarch facilities as well as refrigeration pipefitting, service and repair work - MARKET RECOVERY RATE	$ 69.70	46.38
(2) All other work - NEW CONSTRUCTION RATE	$ 91.00	49.40

PLUM0038-006 07/01/2025

MARIN & SONOMA COUNTIES

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter)	$ 77.35	36.53

PLUM0228-001 01/01/2026

BUTTE, COLUSA, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY & YUBA COUNTIES

	Rates	Fringes
PLUMBER	$ 52.75	41.39

PLUM0343-001 07/01/2025

NAPA AND SOLANO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Light Commercial	$ 30.85	20.40
All Other Work	$ 71.60	38.38

DEFINITION OF LIGHT COMMERICIAL:

Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total plumbing bid does not exceed Two Hundred and Fifty Thousand ($250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand ($250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand ($250,000) for the plumbing bid; and Two Hundred Fifty Thousand ($250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects, regardless size of the project

FOOTNOTES: While fitting galvanized material: $.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: $.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: $.75 per hour additional.

PLUM0350-001 08/01/2023

EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

	Rates	Fringes
PLUMBER/PIPEFITTER	$ 52.14	18.71

PLUM0355-001 07/01/2025

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Underground Utility Worker /Landscape Fitter	$ 36.01	18.50

PLUM0442-003 01/01/2026

AMADOR (South of San Joaquin River) and ALPINE COUNTIES

	Rates	Fringes
PLUMBER	$ 58.45	38.74

PLUM0447-001 07/01/2025

AMADOR (north of San Joaquin River), EL DORADO (excluding Lake Tahoe area), NEVADA (excluding Lake Tahoe area); PLACER (excluding Lake Tahoe area), SACRAMENTO AND YOLO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Journeyman	$ 67.37	30.00
Light Commercial Work	$ 55.58	24.02

ROOF0081-006 08/01/2024

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Roofer	$ 54.94	23.34

ROOF0081-007 08/01/2023

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN,LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Roofer	$ 46.73	21.36

SFCA0483-003 01/01/2026

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers)	$ 81.54	41.35

SFCA0669-003 01/01/2026

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
SPRINKLER FITTER	$ 52.06	29.86

SHEE0104-006 06/29/2020

MARIN, NAPA, SOLANO SONOMA & TRINITY COUNTIES

	Rates	Fringes
Sheet Metal Worker		
Mechanical Contracts		
$200,000 or less	$ 55.92	45.29
All other work	$ 64.06	46.83

SHEE0104-009 07/01/2021

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER, YOLO AND YUBA COUNTIES

	Rates	Fringes
SHEET METAL WORKER	$ 47.85	41.90

SHEE0104-010 07/01/2020

AlPINE COUNTY

	Rates	Fringes
SHEET METAL WORKER	$ 43.50	37.42

SHEE0104-011 07/01/2020

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal decking and siding only)	$ 44.45	35.55

SHEE0104-014 07/01/2020

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only)	$ 44.45	35.55

SHEE0104-019 07/01/2020

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU AND TEHAMA COUNTIES

	Rates	Fringes
SHEET METAL WORKER		
Mechanical Jobs $200,000 & under	$ 35.16	35.88
Mechanical Jobs over $200,000	$ 46.60	40.21

TEAM0094-001 07/01/2025

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 43.26	34.28
GROUP 2	$ 43.56	34.28
GROUP 3	$ 43.86	34.28
GROUP 4	$ 44.21	34.28
GROUP 5	$ 44.56	34.28

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.
Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys;

Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and ""A"" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self- propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is

like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a

weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

CONTRACT #: **PRC004274**
CONTRACT NAME: **Sacramento Last Mile-CM Services**
AGREEMENT TERM: **06/09/2026 – 06/30/2028**
AUTHORIZED RENEWALS: none
DEPARTMENT/DIVISION: **Public Works/Engineering Services**

PROJECT: **A07001804**
NOT-TO-EXCEED AMOUNT: **$ 1,911,544.58**
SOLICITATION: **P26151111009**
LBE (Y/N): N
COUNCIL FILE ID: **2026-00975**

CITY OF SACRAMENTO

PROFESSIONAL SERVICES AGREEMENT FOR ARCHITECTS, LANDSCAPE ARCHITECTS, ENGINEERS, AND LAND SURVEYORS

THIS CONTRACT is made at Sacramento, California, by and between the **CITY OF SACRAMENTO,** a charter city and municipal corporation ("CITY"), and

HDR Construction Control Corporation
1 Capitol Mall, Suite 500, Sacramento, CA 95814
Phone: 916.367.8059 / E-mail: Greg.Zeiss@hdrinc.com
("CONTRACTOR"), as of the Effective Date, as defined below.

The City and Contractor agree as follows:

1. **Effective Date.** This Contract shall be effective beginning **June 9, 2026**.

2. **Contract Documents.** All exhibits and documents attached or referred to in this Contract are incorporated as if set forth herein, Including Exhibit A (titled "Scope of Services") and Exhibit B (titled "Payment").

If there is a conflict between the terms and conditions of any document prepared or provided by the Contractor and made a part of this Contract and the other terms or conditions of the Contract, the other terms and conditions of the Contract control.

3. **Services.** Subject to the terms and conditions set forth in this Contract, CONTRACTOR shall provide to CITY the services described in Exhibit A ("Services").

CONTRACTOR will not be compensated for services outside the scope of Exhibit A ("Additional Services") unless, before providing Additional Services: (a) CONTRACTOR notifies CITY and CITY agrees that the Additional Services are outside the scope of Exhibit A; (b) CONTRACTOR estimates the additional compensation required for these Additional Services; and (c) CITY, after notice, approves in writing a Supplemental Contract specifying the Additional Services and the amount of additional compensation to be paid Contractor.

CITY will have no obligations whatsoever under this Contract or any Supplemental Contract, unless and until this Contract or any Supplemental Contract is approved by the City as required by the Sacramento City Code. As used in this Contract, the term "Services" includes both Services and Additional Services as applicable.

4. **Payment.** CITY shall pay CONTRACTOR at the times and in the manner set forth in Exhibit B. CONTRACTOR shall submit all invoices to CITY in the manner specified in Exhibit B.

5. **Facilities and Equipment.** Except as set forth below, CONTRACTOR shall, at its sole cost and expense, furnish all facilities and equipment required for CONTRACTOR to perform this Contract. CITY shall furnish to CONTRACTOR only the facilities and equipment listed below, if any.

6. **Insurance.** Contractor shall, at its sole cost and expense, maintain the insurance coverage described in the attached Exhibit C.

7. **General Conditions.** Contractor shall comply with the terms and conditions set forth in the attached Exhibit D.

8. **Additional Requirements for Surveying, Material Testing, and Inspection Services.** If this Contract includes any land surveying, material testing, or inspection services provided for a City construction project, during the design, pre-construction, construction, or post-construction phases of the project, the Contractor and any subcontractor or subconsultant performing any such services shall comply with the provisions specified in Exhibit E.

9. **Non-Discrimination in Employee Benefits.** This Contract may be subject to Sacramento City Code chapter 3.54, Non- Discrimination in Employee Benefits by City Contractors. A summary of the requirements, entitled "Requirements of the Non-Discrimination in Employee Benefits Code (Equal Benefits Ordinance)," can be viewed at: https://www.cityofsacramento.org/Finance/Procurement/Contract-Ordinances.

   Contractor acknowledges and represents that Contractor has read and understands the requirements and shall fully comply with all applicable requirements of Sacramento City Code chapter 3.54. If requested by City, Contractor shall promptly provide any documents and information required by City to verify Contractor's compliance.

   Contractor's violation of Sacramento City Code chapter 3.54 constitutes a material breach of this Contract, for which the City may terminate the Contract and pursue all available legal and equitable remedies.

10. **Considering Criminal Conviction Information in the Employment Application Process.** This Contract may be subject to the requirements of Sacramento City Code chapter 3.62, Procedures for Considering Criminal Conviction Information in the Employment Application Process. A summary of the requirements, entitled "Ban-The-Box Requirements," can be viewed at:

    https://www.cityofsacramento.org/Finance/Procurement/Contract-Ordinances.

    The Ban-The-Box Requirements are applicable to certain contracts with the City in an amount of $250,000 or more (either initial value or total value after amendment) or if the total value of all Contractor's contracts with the City is $250,000 or more over a 12-month period.

    Contractor acknowledges and represents that Contractor has read and understands these requirements and shall fully comply with all applicable requirements of Sacramento City Code chapter 3.62. If requested by City, Contractor shall promptly provide any documents and

information required by City to verify Contractor's compliance. Contractor shall require applicable subcontractors to fully comply with all applicable requirements of Sacramento City Code chapter 3.62 and include these requirements in all subcontracts covered by Sacramento City Code chapter 3.62.

Contractor's violation of Sacramento City Code chapter 3.62 constitutes a material breach of this Contract, for which the City may terminate the Contract and pursue all available legal and equitable remedies.

11. **Local Business Enterprise Program**. The Local Business Enterprise Program Participation Requirements ("LBE Participation Requirements") may be applicable to this Contract. A summary of the requirements, entitled "LBE Participation Requirements," can be viewed at:

https://www.cityofsacramento.org/Finance/Procurement/Contract-Ordinances.

Contractor acknowledges and represents that Contractor has read and understands these requirements and shall fully comply with all applicable requirements of Sacramento City Code chapter 3.64. If requested by City, Contractor shall promptly provide any documents and information required by City to verify Contractor's compliance. Contractor shall require applicable subcontractors to fully comply with all applicable requirements of Sacramento City Code chapter 3.64 and include these requirements in all subcontracts covered by Sacramento City Code chapter 3.64.

Contractor's violation of Sacramento City Code chapter 3.64 constitutes a material breach of this Contract, for which the City may terminate the Contract and pursue all available legal and equitable remedies.

12. **Authority.** The person signing this Contract for CONTRACTOR represents and warrants that he or she has read, understands, and agrees to all the Contract terms and is fully authorized to sign this Contract on behalf of the CONTRACTOR and to bind the CONTRACTOR to the performance of the Contract's obligations.

[Signature Pages Follow Exhibits]

EXHIBIT A

SCOPE OF SERVICES

1. Representatives.

The CITY Representative for this Agreement is:

Adam Randolph / Project Manager
915 I Street, Sacramento, CA 95814
Phone: 916.808.7803 / E-mail: ARandolph@cityofsacramento.org

The CONTRACTOR Representative for this Agreement is:

Greg Zeiss / Project Manager
1 Capitol Mall, Suite 500, Sacramento, CA 95814
Phone: 916.367.8059 / E-mail: Greg.Zeiss@hdrinc.com

Unless otherwise provided in this Contract, all Contractor questions and correspondence pertaining to this Contract must be addressed to the City Representative. All City questions and correspondence must be addressed to the Contractor Representative.

2. Scope of Services. Contractor shall provide Services to City as set forth in Attachment 1 to this Exhibit A.

3. Time of Performance. The Services described in this Contract shall be provided through **June 30, 2028** . Contractor shall provide the Services in accordance with any schedule in Attachment 1 to this Exhibit A. Contractor shall immediately notify the City if Contractor is unable to make delivery of Goods or perform Services in compliance with this Contract.

4. Conflict of Interest Requirements. The individual(s) who will provide Services pursuant to this Contract are "Consultants" within the meaning of the Political Reform Act and the City's Conflict of Interest Code: ____ yes __X__ no *[check one]*

Contractor shall cause the following to occur within 30 days after execution of this Contract:

(A) Identify the individuals who will provide Services or perform Work under this Contract as "Consultants"; and

(B) Cause these individuals to file with the City Representative the "assuming office" statements of economic interests required by the City's Conflict of Interest Code.

Thereafter, throughout the term of the Contract, Contractor shall cause these individuals to file with the City Representative annual statements of economic interests and "leaving office" statements of economic interests, as required by the City's Conflict of Interest Code. The City may withhold all or a portion of any payment due under this Contract or impose fines on the individuals until all required statements are filed.

ATTACHMENT 1 TO EXHIBIT A

06. Scope of Services

HDR will provide a full-time Resident Engineer, Assistant RE/Office Engineer/Utility Coordinator, and two inspectors. On an as-needed basis, we will also provide an electrical engineer to assist in submittal reviews, OTDR fiber testing technicians, a claim/scheduler analyzer, material testing, and public relations outreach. If requested by the City as additional scope, HDR can add GIS solutions as a service to better manage your new fiber optic facilities both during and post construction. HDR also will provide a Project Manager for an average of 12 hours a month to monitor the team's performance and perform Quality Control/Quality Assurance. The construction management team will manage up to approximately five active construction contracts concurrently. To perform this efficiently and successfully, HDR will utilize an approach of implementing the contracts with both the perspective of one macro scale project along with each individual contract. Utilizing this method with a focus of administering work in a timely manner, including submittals, RFIs change orders, and schedules will allow HDR the ability to implement construction management solutions across the contracts without the inefficiencies of continual repetition. HDR's end goal is to complete the Last Mile Project on time and within budget per the construction specifications with a seamless transition post-construction in handing over the completed fiber optic infrastructure to Fidium post construction. For CPUC audit purposes, we will use a file system HDR specifically developed for CPUC funded projects.

Task 1 Construction

Preconstruction Services

Review Project Documents / Additional Constructability Review

HDR believes that the construction manager should know more about a project at the start of construction than the contractor. By doing so we can anticipate challenges, identify long lead items and submittals, and expose ways to improve the final product while saving time and money.

During the preconstruction phase, HDR will review the final package of plans and specifications as well as the engineer's estimate, the design engineer memos, permits, right-of-way agreements, and other documents, and utility agreements (if any). After each individual contract is initiated, we will advise the City on lessons learned from the previous contract(s) to be incorporated in the new contracts. We will also perform pre-bid reviews of plans and specifications as individual neighborhood designs are completed. In review of these documents, we will look for ambiguities, omissions, and constructability issues. We will identify crucial aspects such as measurement and payment clauses, submittal review times, utility coordination, right-of-way agreements, staging of construction, detours, residential property access coordination, testing and acceptance criteria, and other contractor requirements. Our team will also facilitate a separate kickoff meeting with the design team and other stakeholders to have a better understanding of the design intent as well as their concerns.

Prepare Project Schedule

HDR will prepare a project schedule that shows each individual construction contract on the approximately 14 neighborhoods on one combined master schedule based on their anticipated rollout. The schedule will include preconstruction and construction activities for each individual construction contract. These activities will include submittals, material procurement, fiber optic testing, road closures, agreements, property owner coordination, and other contract document requirements. The schedule will be made so that each construction contract can be pulled out of the master schedule individually to be analyzed and updated. The Resident Engineer's schedule will be updated upon approval of the contractor's schedule.

Establish Project Procedures

In preparing to begin the construction of the project, HDR staff will establish project procedures for review with the City Project Manager. These procedures will detail the administrative process for the project and will be based on specifics of this contract, as well as procedures set forth in various manuals from the City, CPUC, and HDR. One of the many components of the project procedures is the establishment of our record keeping documentation. We have developed a project specific file structure that meets CASF Broadband Infrastructure Grant Account construction administration guidelines that models appropriate sections of the gold standard of Caltrans Local Assistance Chapters 15 (Project Administration), 16 (Construction Administration), and 17 (Financial Management). This structure is tailored to meet CPUC audit requirements while incorporating best practices for risk mitigation and claims defense.

Kick-off Meeting

HDR will attend a meeting with the City and the Designer to discuss the design, schedule, and to coordinate responsibilities of designer with the Construction Management Team.

Preconstruction Conference

HDR will hold a preconstruction conference for each individual construction contract with the key stakeholders including the Contractor, utility agencies, City staff, and other agencies involved with the project. The goal of this meeting will be to establish managerial and administrative procedures with the contractor to verify efficient startup and execution of the project. This includes discussing major project milestones, meeting key personnel, and beginning the coordination required of placing fiber optic facilities.

Weekly Coordination Meetings

HDR will schedule and run weekly coordination meetings for each individual construction contract with critical project stakeholders, and other vested parties.

Construction Management Services During Construction

Project Coordination and Correspondence

Interaction with City Staff, Designer, Utility Agencies, and other Agencies - Our Resident Engineer, with assistance from our Office Engineer/Asst RE, will serve as the focal point for coordination with the various utility companies and agencies maintained throughout the project. Close communication will be maintained with the City Project Manager, who will be copied on correspondence.

Progress Meetings - HDR will hold weekly progress meetings for each contract with the contractor and their appropriate subcontractors to review construction progress. Monthly meetings to specifically discuss scheduling will also be held to identify work completed and plan of activities for the coming month. We will keep minutes of the meetings, assign action items, responsibilities and document project trends.

Document Control - When performing construction management activities, an area of importance that cannot be overemphasized, is Document Control. Effective documentation of a construction project cannot be maintained without paperwork --to inform, to change, to expedite, and to provide a permanent record. Given that each individual construction contract will have its own individual project records, the importance of organized document control is compounded. Led by our Office Engineer/Assistant RE, Elaine Yip, HDR will use the City's CMIS software for several aspects of document control such as submittals, RFIs, and daily reports. Given the increased efficiency of utilizing this system and the mutual benefits to both HDR and the City, HDR will use CMIS to its fullest extent to integrate into the City's workflow for construction documentation. HDR will serve as the focal point responsible for the coordination of the required documents. HDR will receive Contractor correspondence and prepare responses. Contract files will be maintained to meet CPUC audit requirements while incorporating best practices for risk mitigation and claims defense.

Property Owner Coordination - HDR will perform close coordination with property owners to place fiber optic facilities near or within their residences.

Schedule Management, Progress Meetings, and Reports

The HDR team will review both the construction baseline schedule and schedule updates for each individual contract. Led by our scheduler, Phil White, analysis of the schedules will look for flaws and areas of special concern (including impacts of weather and change orders). We will check the Logic Network and the activity input durations and precedents for reasonableness of the sequence and the duration of the activities. Should the progress, compared to the planned schedule, slip, HDR will formally notify the Contractor of schedule slippage. HDR will also confirm that the Contractor updates of construction schedule incorporate actual progress, weather delays, and change order impacts. When needed, HDR will negotiate time extensions due to change orders, weather, and other delays. Also, we will look at the possibility of how the schedule of one individual contract could possibly affect a separate contract.

Project Reporting - A monthly status report will be prepared and submitted to the City Project Manager(s). The report will include: progress to date; status of submittals and change orders; potential claims; key issues; cost status; and schedule status of each individual contract.

Payment Recommendations

At the beginning of each contract, the initial schedule of values will be reviewed for reasonableness. We will review applications for payment with the contractor and negotiate differences between the amount requested and the engineer's estimate for work completed. Payments will be processed through the City Project Manager.

Submittals Management

Contract provisions identify specific items to be provided by the contractor which are subject to review for each individual contract. HDR will establish a list of required submittals, including materials to be installed and shop fabrication plans. When we receive submittals from the contractor, they will be stamped and logged in by date of receipt and monitored to verify timely response. HDR will then reviewed these submittals and coordinate the reviews to verify consistent and detailed reviews. For fiber optic related reviews will be reviewed with input from our Electrical Engineer, Mohan Chohan, PE.

Requests for Information (RFIs) and Shop Drawings

HDR will receive, process, and monitor requests for information and shop drawings from the contractor on each individual contract. The status of RFIs will be accounted for in our RFI log. HDR will seek input on RFIs from the City, the designer, utility companies, and others, as necessary. If needed, we will conduct meetings with the contractor and other parties to discuss and resolve requests for information. Clarifications responses will be presented in writing to the contractor by HDR.

Change Orders and Claims

Evaluation and negotiation of contract change orders (CCOs) is an important function of the Construction Management Team. A quick and accurate evaluation can help keep the project on schedule and avoid contractor claims. Change orders will be prepared on a monthly basis to stay ahead of the required change order authority. Our review of CCOs will include:

- Inform City on status of CCOs on each individual contract
- Maintain a log of proposed CCOs, indicating action dates and status
- Identify source of potential CCO (owner-directed, unforeseen site conditions, etc.)
- Determine if the condition is actually a changed condition and document if valid

- Coordinate with City and the design team regarding impacts to the design. Independently evaluate cost and schedule impacts of CCO, and document findings
- Determine if extra working days are warranted due to schedule critical path impacts
- Evaluate contractor's CCO cost estimate and schedule impacts and negotiate as necessary
- Prepare CCO documentation for City and contractor signatures
- Prepare and incorporate the CCO into the progress payment breakdown
- Perform claims administration, including coordinating and monitoring claims response preparation, logging claims, and tracking claims status.
- Analyze additional compensation claims that are submitted during the construction period and make responses

Construction Observation/Inspection Services

HDR understands that safety is an extremely important subject and has an established Safety Program for our personnel. Consistent with generally accepted construction practices, the construction Contractor will be required under the contract specifications to comply with "Construction Safety Orders" of the California Division of Industrial Safety. This includes the construction contractor remaining solely responsible for the construction site and site safety, including the general public, and compliance with safety requirements by construction contractor personnel and correcting hazardous conditions at the site.

Our inspectors will develop Daily Inspection Diaries for documentation of the project for extra work billings, contract disputes, differing site conditions, and "Record Drawings". Our inspection services will:

- Provide day-to-day written inspection reports on work performed by the contractor
- Document work performed, workforce, and extra work through daily diaries
- Observe, coordinate and monitor utility relocations being performed by private/public utilities.
- Schedule fiber optic quality assurance material testing and testing report analysis with our fiber optic testing subconsultants, DFV Cable and Integrity Data Fiber. Additionally, coordinate quality assurance with Twining for compaction, concrete, and HMA trench placement. Coordinate corrective measures as required for failing materials.
- Identify potential flaws, defects, or deficiencies in the constructed product and provide feedback on proposed remedial action from the contractor
- Perform quantity calculations based on completed work for Progress Payments
- Take progress photos of the work and field conditions
- Prepare punch list and update "Record Drawings" as the work progresses
- Monitor traffic detours/lane closures and verify that they are opened in a timely manner

Quality Assurance Testing

HDR will use the City's Quality Assurance Plan (QAP) and the Caltrans Construction Manual for materials testing incorporated in the work. Additionally, for fiber optic material testing and acceptance, we will use the appropriate testing listed in the National Electric Code (NEC) and project specifications.

Materials will either be tested in the field or will come in the form of manufactured materials. Materials will be accepted for use in the work as follows:

Fiber Optic Testing - Fiber Optic Testing will be done by either of our two fiber optic testing specialty subconsultants, **DFV Cable and Integrity Data Fiber**. Tests will be reviewed for confirmation of contract acceptance, and logged, for incorporation into the project files per the Revised CASF Program Guidelines and the CASF Infrastructure Grant Completion Report. Fiber Optic Acceptance testing will be done utilizing OTDR Testing of which the following will be tested:

- Total Signal loss
- Fiber Continuity
- Splice losses
- Fault losses (i.e. connection losses, excessive radius losses etc.)

Field Material Testing for Civil Work - Twining will perform material testing on civil related work (compaction, HMA, concrete) that may needed for fiber optic placement**.** Test results will be logged. Failed tests that require additional work or replacement will be documented in the log and filed, as will retests**.** Only work with passing materials tests will be accepted. Civil related work test may include:

- **Portland Cement Concrete:** Compression, Sieve, and SE
- **Asphalt Concrete:** Sieve, SE, Density and AC Content
- **Aggregate Base:** Compaction
- **Native Material Subgrade:** Compaction
- **Embankment/Structural Backfill:** Compaction, Material Conformance

Manufactured Materials - Manufactured materials will be accepted on confirmation by the Resident Engineer of the materials' conformance to the Project Plans and Specifications based on the manufacturer's data sheet, Certificate of Compliance, and visual verification**.**

Storm Water Pollution Prevention Plan

Daily SWPPP compliance assurance will be performed by the Resident Engineer, Keil, who is also a QSD. SWPPP activities will be conducted in accordance with the RWQCB. Responsibilities include:

- Submitting the Notice of Intent and the Notice of Termination
- Uploading the required SWPPP documents into the Stormwater Multi Application Reporting and Tracking System (SMARTS)
- Managing storm water run-off and run-on controls
- Developing a Rain Event Action Plan (REAP) 48 hours prior to a rain event
- Monitoring Requirements Adherence Numeric Action Levels are enforced (NTU, pH)
- Viewing "Discharge" location within 24 hours of each Rain Event
- Reporting illicit discharges
- Continually updating and documenting living SWPPP document

Utility Coordination and Protection

Protecting existing utilities during directional boring and other excavation activities is a critical component of the project. Consistent with generally accepted construction practices, the construction Contractor will be required to comply with applicable utility damage prevention requirements, including California Government Code and the obligation to contact Underground Service Alert of Northern California (USA North 811) prior to excavation. The Contractor is solely responsible for determining the exact location of underground utilities. This includes performing potholing required by law or by project conditions whenever utility locations are uncertain or when planned work may conflict with USA (811) markings. The Contractor is fully responsible for protecting existing utilities, identifying conflicts, performing safe excavation, and taking measures necessary to avoid damage to subsurface installations. USA ticket information, utility markings, and potholing activities will be documented as part of normal project record keeping. If potential conflicts or unclear markings are identified during the course of the work, the Contractor is responsible for taking appropriate action to resolve these issues in accordance with applicable laws, contract requirements, and safe digging practices.

Pothole Verification - Prior to digging on the project HDR will monitor to verify that the contractor has gone through the steps to make sure utilities are marked out through the Underground Service Alert (USA) system. Once utilities are marked the contractor will need to pothole and daylight the utilities along the path of the fiber optic conduit and verify the depth of the utilities. This information will need to be recorded by the contractor and submitted to HDR for as-built records and files. HDR will review the pothole data and verify completeness of the document along with checking whether the contractor has identified potential conflicts with our project.

Utility Matrix - HDR will maintain a Utility Matrix to identify and confirm with the contractor what utility conflicts exist, location of the utility, the potential solution, which party is responsible, and updates to the status. This will be broken down by each contract. For a project of this magnitude organization is key that issues are resolved in a timely manner and that no such issues slip through the cracks.

Utility Company Coordination - HDR will facilitate holding parties accountable for their commitments when it comes to resolving utility conflicts. This means setting deadlines and holding parties accountable to these deadlines and keeping documentation on communication with the contractors and the utility companies. In these situations, persistence is key to making sure that delays to the work are avoided.

Post Construction Services

Perform Final Inspection/Issue Notice of Completion

Items to be corrected or furnished by the construction contractor before project acceptance will be put in the form of a punchlist as the work nears completion for each individual contract. HDR will facilitate the development of the punchlist, with participation by major stakeholders, including the City, the Designer, and affected agencies. Upon satisfactory completion of elements of construction, HDR will submit a Notice of Final Completion to the contractor, thus relieving him from further maintenance. Upon our issuance of final acceptance, we will receive the contractor's warranty letter, review it for compliance with the contract documents, and submit it to the City.

Prepare Final Payment Request

After acceptance of each individual contract, HDR will prepare a proposed final estimate (PFE) to allow the contractor to make exceptions to the final amount of compensation. Prior to submitting the PFE, we will meet with the contractor to attempt to agree on final payment for contract items and change orders. If the contractor still objects to the PFE, we will assist the City in negotiating final settlement with the contractor and process the final estimate.

Deliver Final Project Documents

Review and Submit "Record Drawings" - At the project's completion we will receive the contractor's prepared "Record Drawings" and perform a final review for completion against our own Record Drawings.

Deliver Project Files - Project files will be maintained in hard copy and electronic formats. The hard copy files will be packaged in accordance with the numbered filing system and delivered to the City.

EXHIBIT B

PAYMENT

1. **CONTRACTOR's Compensation.** The total of all fees paid to the CONTRACTOR for the provision of Services as set forth in Exhibit A, including any authorized reimbursable expenses, shall not exceed the total sum of $ **1,911,544.58.** The payments specified in this Exhibit B shall be the only payments made to Contractor unless the City approves a Supplemental Contract.

2. **Billable Rates.** Contractor shall be paid for the performance of Services on an hourly rate, daily rate, flat fee, lump sum, or other basis, as set forth in Exhibit A or Attachment 1 to this Exhibit B and any applicable special provisions included in the request for bids or proposals. If there is a conflict between Exhibit A or Exhibit B and the Special Provisions, Exhibit A or Exhibit B controls.

3. **CONTRACTOR's Reimbursable Expenses.** "Reimbursable Expenses" are limited to actual expenditures of CONTRACTOR for expenses that are necessary for the proper satisfaction of the Contract and are only payable if specifically authorized in advance in writing by the City. No charges or markup will be allowed unless specified in the Contract, including charges for travel and transportation.

4. **Payments to CONTRACTOR.** Contractor is responsible for supplying all documentation necessary to verify invoices to the City's satisfaction.

   A. Payments to CONTRACTOR shall be made within a reasonable time after receipt of CONTRACTOR's invoice, in proportion to services performed or as otherwise specified in Attachment 1 to Exhibit B. CONTRACTOR may request payment on a monthly basis. CONTRACTOR shall be responsible for the cost of supplying all documentation necessary to verify the monthly billings to the satisfaction of CITY.

   B. Invoices must be submitted to either of the addresses specified below.
   (1) Email. Submit email invoices and any attachments to:
   apinvoices@cityofsacramento.org

   (2) Postal Mail. If emailing is not an option, mail to:
   A/P Processing Center
   City of Sacramento
   915 I Street, Floor 4
   Sacramento, CA 95814-2608

   C. All invoices submitted by CONTRACTOR must contain the following information:

   (1) Job/Project Name
   (2) CITY's current Purchase Order Number
   (3) CONTRACTOR's Invoice Number
   (4) Date of Invoice Issuance
   (5) Work Order Number (if applicable)
   (6) CITY representative identified on the Purchase Order

(7) CONTRACTOR's remit address
(8) Description of services billed under Invoice
(9) Amount of Invoice (itemize all authorized Reimbursable Expenses)
(10) Total Billed to Date under Contract (if applicable)

D. Items must be separated into Services and Reimbursable Expenses. Invoices that do not conform to the format outlined above will be returned to CONTRACTOR for correction. CITY is not responsible for delays in payment to CONTRACTOR resulting from CONTRACTOR's failure to comply with the invoice format described above.

5. Additional Services. Additional Services shall be provided only when a Supplemental Contract authorizing the Additional Services is approved in writing by the City in accordance with the City's contract amendment procedures. The City reserves the right to perform any Additional Services with its own staff or to retain other contractors to perform the Additional Services.

6. Accounting Records of CONTRACTOR. During performance of this Contract and for a period of three years after completion of performance, CONTRACTOR shall maintain all accounting and financial records related to this Contract, in accordance with generally accepted accounting practices, including records of Contractor's costs for performance under this Contract and records of Contractor's Reimbursable Expenses. Contractor shall keep and make records available for inspection and audit by representatives of the CITY upon reasonable written notice.

7. Tax Payments. CONTRACTOR shall pay, when and as due, any and all taxes incurred as a result of CONTRACTOR's compensation hereunder, including estimated taxes, and shall provide CITY with proof of the payment upon request. CONTRACTOR hereby agrees to indemnify CITY for any claims, losses, costs, fees, liabilities, damages or injuries suffered by CITY arising out of CONTRACTOR's breach of this section.

Attachment 1 to Exhibit B

I. COMPENSATION AND PAYMENT

A. CONSULTANT shall be reimbursed for services at the specific rate of compensation in the approved 10-H Form(s). Unless specifically identified as some other method, the specified rates shall include direct/base hourly rate, fringe benefits, overhead, and profit.

B. CONSULTANT shall be reimbursed for Other Direct Costs (ODC), at rates as identified on the approved 10-H Form(s) with receipts for actual costs. Please refer to 10-H instructions for guidelines on reimbursable costs.

C. If applicable, CONSULTANT shall pay prevailing wages to those workers employed on public works contracts performing applicable duties as required by the State Labor Code and City Code 3.60.180. CONSULTANT shall be responsible for any future adjustments to prevailing wage rates including, but not limited to, base hourly rates and employer payments as determined by the Department of Industrial Relations. Based on prevailing adjustments, CONSULTANT may request an adjustment in the rate(s) in the 10-H form. These adjusted rates will not go into effect until the approval date by the City of the Supplemental Agreement. CONSULTANT is responsible for paying the appropriate rate, including escalations that take place during the term of the Agreement. A mistake, inadvertence, or neglect by CONSULTANT in failing to pay the correct rates of prevailing wage will be remedied solely by CONSULTANT and will not, under any circumstances, be considered as the basis of a claim against CITY on this Agreement.

D. Unless specifically stated, the contract shall be a not-to-exceed by task, Other Direct Cost (ODC) line item, and total budget as included in the Cost Proposal. A Supplemental Agreement is required for reallocation of budget between tasks, between ODC line items, or between tasks and ODCs. All reallocation requests must include an updated task, budget, and billing summary. If reallocation is for a new task, a cost proposal for said new task will also be required.

E. A Supplemental Agreement is required for any staff substitutions, additions of staff under classifications included in the 10-H Form(s), new classifications, and rate increases.

1. Updated 10-H Form(s) for CONSULTANT and all SUBCONSULTANTS shall be included.
2. Any addition or substitution shall be paid at the same or lower rate of the previously approved or similar classification.

3. If a substitution involves Key Staff, CONSULTANT shall request and justify the need for substitution and obtain written approval from CITY Project Manager. The justification shall include a resume of the proposed new Key Staff.

No work shall commence before the agreement is executed. Any work not in compliance with the above, and performed prior to the date of approval by the City, shall not be reimbursed.

F. Supplemental Agreements are also required for any changes to the scope and terms of the agreement, including but not limited to the following:

1. Increasing the Agreement not-to-exceed amount.
   a. Any increase to the not-to-exceed amount shall include a cost proposal documenting the increase.

2. Adding task(s) within the advertised scope.

3. Adding new classifications or adjusting rates:
   a. Updated 10-H Form(s) for CONSULTANT and all SUBCONSULTANTS shall be included.
   b. CONSULTANT may request cost of living increases in base salary of staff after the contract has been in effect for one year. The maximum increase, if approved, shall be the annual Cost of Living Adjustment (COLA) increase as calculated and used by the Social Security Administration. Any approved increase shall not go into effect until a Supplemental Agreement is executed.

4. Adding SUBCONSULTANTS.

5. Adding new Other Direct Cost (ODC) items not included in 10-H Form.

6. Extending the sunset date of the Agreement.

No work shall commence until the Supplemental Agreement is executed. Any work not in compliance with the above, and performed prior to the date of the execution of the Supplemental Agreement by the City, shall not be reimbursed.

G. Monthly Invoices

1. Invoices shall be made in arrears based on services provided at specific hourly rates and other direct cost(s) incurred per the approved 10-H Form(s).

2. CONSULTANT AND SUBCONSULTANT invoices shall be submitted using the City-template and include the following:
   a. Task, Budget, and Billing Summary.
   b. A copy of all invoices for Other Direct Costs and appropriate back up documentation, at rates consistent with the approved 10-H Form(s).
   c. A copy of SUBCONSULTANT invoices using the City template.
   d. CONSULTANT Project Manager's signature certifying that all charges have been reviewed and are in compliance with the contract terms.
   e. If applicable, payroll documentation for staff invoicing under unnamed classifications listed on 10-H Form.

3. For non-federally funded projects, CONSULTANT shall meet the 5% Local Business Enterprise (LBE) participation requirement, unless an LBE waiver has been obtained by CITY Project Manager prior to the agreement being executed. CONSULTANT will track LBE utilization, including for all subCONSULTANTs, and include the percentage achieved with each invoice. The 5% requirement only applies to those agreements awarded for a not-to-exceed amount over $100,000.

4. For federally funded projects in compliance with 49 CFR 26.37, a Disadvantaged Business Enterprises Utilization Report (Form ADM-3069) is required, as specified in this Agreement.

5. CONSULTANT may include SUBCONSULTANT costs that are treated by the CONSULTANT as accrued due to such costs having been billed by the SUBCONSULTANT to CONSULTANT and recognized by CONSULTANT and CITY as valid, undisputed, due and payable.

6. CONSULTANT shall not add a mark-up to SUBCONSULTANTs for professional services or other direct costs included in the approved 10-H form(s).

7. Invoices for approved monthly services shall be submitted by CONSULTANT and received by CITY Project Manager within 45 calendar days of the completion of the approved monthly services specified in the Task, Budget, and Billing Summary.

ARTICLE IV PERFORMANCE PERIOD (Verbatim)

A. This contract shall go into effect on **June 9, 2026**, contingent upon approval by LOCAL AGENCY, and CONSULTANT shall commence work after notification to proceed by LOCAL AGENCY'S Contract Administrator. The contract shall end on **June 30, 2028**, unless extended by contract amendment.

B. CONSULTANT is advised that any recommendation for contract award is not binding on LOCAL AGENCY until the contract is fully executed and approved by LOCAL AGENCY.

ARTICLE V ALLOWABLE COSTS AND PAYMENTS (Verbatim)

A. CONSULTANT will be reimbursed for hours worked at the hourly rates specified in CONSULTANTs Cost Proposal (Attachment Number). The specified hourly rates shall include direct salary costs, employee benefits, overhead, and fee. These rates are not adjustable for the performance period set forth in this Contract.

B. In addition, CONSULTANT will be reimbursed for incurred (actual) direct costs other than salary costs that are in the cost proposal and identified in the cost proposal and in the executed Task Order.

C. Specific projects will be assigned to CONSULTANT through issuance of Task Orders.

D. After a project to be performed under this contract is identified by LOCAL AGENCY, LOCAL AGENCY will prepare a draft Task Order; less the cost estimate. A draft Task Order will identify the scope of services, expected results, project deliverables, period of performance, project schedule and will designate a LOCAL AGENCY Project Coordinator. The draft Task Order will be delivered to CONSULTANT for review. CONSULTANT shall return the draft Task Order within ten (10) calendar days along with a Cost Estimate, including a written estimate of the number of hours and hourly rates per staff person, any anticipated reimbursable expenses, overhead, fee if any, and total dollar amount. After agreement has been reached on the negotiable items and total cost; the finalized Task Order shall be signed by both LOCAL AGENCY and CONSULTANT.

E. Task Orders may be negotiated for a lump sum (Firm Fixed Price) or for specific rates of compensation, both of which must be based on the labor and other rates set forth in CONSULTANT's Cost Proposal.

F. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the approved Cost Proposal.

G. When milestone cost estimates are included in the approved Cost Proposal, CONSULTANT shall obtain prior written approval for a revised milestone cost estimate from the Contract Administrator before exceeding such estimate.
H. Progress payments for each Task Order will be made monthly in arrears based on services provided and actual costs incurred.
I. CONSULTANT shall not commence performance of work or services until this contract has been approved by LOCAL AGENCY, and notification to proceed has been issued by LOCAL AGENCY'S Contract Administrator. No payment will be made prior to approval or for any work performed prior to approval of this contract.
J. A Task Order is of no force or effect until returned to LOCAL AGENCY and signed by an authorized representative of LOCAL AGENCY. No expenditures are authorized on a project and work shall not commence until a Task Order for that project has been executed by LOCAL AGENCY.
K. CONSULTANT will be reimbursed, as promptly as fiscal procedures will permit upon receipt by LOCAL AGENCY'S Contract Administrator of itemized invoices in triplicate. Separate invoices itemizing all costs are required for all work performed under each Task Order. Invoices shall be submitted no later than 45 calendar days after the performance of work for which CONSULTANT is billing, or upon completion of the Task Order. Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this contract number, project title and Task Order number. Credits due LOCAL AGENCY that include any equipment purchased under the provisions of Article XI Equipment Purchase of this contract, must be reimbursed by CONSULTANT prior to the expiration or termination of this contract. Invoices shall be mailed to LOCAL AGENCY's Contract Administrator at the following address:

City of Sacramento
Department of Public Works
Raquel Gonzalez
915 I Street Room 2000
Sacramento, California. 95814

L. The period of performance for Task Orders shall be in accordance with dates specified in the Task Order. No Task Order will be written which extends beyond the expiration date of this Contract.
M. The total amount payable by LOCAL AGENCY for an individual Task Order shall not exceed the amount agreed to in the Task Order, unless authorized by contract amendment.
N. If the Consultant fails to satisfactorily complete a deliverable according to the schedule set forth in a Task Order, no payment will be made until the deliverable has been satisfactorily completed.
O. Task Orders may not be used to amend this Agreement and may not exceed the scope of work under this Agreement.

P. The total amount payable by LOCAL AGENCY for all Task Orders resulting from this contract shall not exceed **$ 1,911,544.58**. It is understood and agreed that there is no guarantee, either expressed or implied that this dollar amount will be authorized under this contract through Task Orders.

Q. All subcontracts in excess of $25,000 shall contain the above provisions.

ARTICLE VI TERMINATION (Verbatim)

A. LOCAL AGENCY reserves the right to terminate this contract upon thirty (30) calendar days written notice to CONSULTANT with the reasons for termination stated in the notice.

B. LOCAL AGENCY may terminate this contract with CONSULTANT should CONSULTANT fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination, LOCAL AGENCY may proceed with the work in any manner deemed proper by LOCAL AGENCY. If LOCAL AGENCY terminates this contract with CONSULTANT, LOCAL AGENCY shall pay CONSULTANT the sum due to CONSULTANT under this contract prior to termination, unless the cost of completion to LOCAL AGENCY exceeds the funds remaining in the contract. In which case the overage shall be deducted from any sum due CONSULTANT under this contract and the balance, if any, shall be paid to CONSULTANT upon demand.

C. The maximum amount for which the Government shall be liable if this contract is terminated is $500 dollars.

ARTICLE VII COST PRINCIPLES AND ADMINISTRATIVE REQUIREMENTS (Verbatim)

A. CONSULTANT agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the cost allowability of individual items.

B. CONSULTANT also agrees to comply with federal procedures in accordance with 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

C. Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to be unallowable under 49 CFR, Part 18 and 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., are subject to repayment by CONSULTANT to LOCAL AGENCY.

D. All subcontracts in excess of $25,000 shall contain the above provisions.

ARTICLE VIII RETENTION OF RECORDS/AUDIT (Verbatim)

For the purpose of determining compliance with Public Contract Code 10115, et seq. and Title 21, California Code of Regulations, Chapter 21, Section 2500 et seq., when applicable and other matters connected with the performance of the contract pursuant to Government Code 8546.7; CONSULTANT, subconsultants, and LOCAL AGENCY shall maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of the contract, including but not limited to, the costs of administering the contract. All parties shall make such materials available at their respective offices at all reasonable times during the contract period and for three years from the date of final payment under the contract. The state, State Auditor, LOCAL AGENCY, FHWA, or any duly authorized representative of the Federal Government shall have access to any books, records, and documents of CONSULTANT and it's certified public accountants (CPA) work papers that are pertinent to the contract and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested. Subcontracts in excess of $25,000 shall contain this provision.

ARTICLE IX AUDIT REVIEW PROCEDURES (Verbatim)

A. Any dispute concerning a question of fact arising under an interim or post audit of this contract that is not disposed of by agreement, shall be reviewed by LOCAL AGENCY'S Chief Financial Officer.

B. Not later than 30 days after issuance of the final audit report, CONSULTANT may request a review by LOCAL AGENCY'S Chief Financial Officer of unresolved audit issues. The request for review will be submitted in writing.

C. Neither the pendency of a dispute nor its consideration by LOCAL AGENCY will excuse CONSULTANT from full and timely performance, in accordance with the terms of this contract.

(The following AUDIT CLAUSE must be inserted into all contracts of $150,000 or greater)

D. CONSULTANT and subconsultant contracts, including cost proposals and ICR, are subject to audits or reviews such as, but not limited to, a contract audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper review. If selected for audit or review, the contract, cost proposal and ICR and related work papers, if applicable, will be reviewed to verify compliance with 48 CFR, Part 31 and other related laws and regulations. In the instances of a CPA ICR audit work paper review it is CONSULTANT's responsibility to ensure federal, state, or local government officials are allowed full access to the CPA's work papers including making copies as necessary. The contract, cost proposal, and ICR shall be adjusted by CONSULTANT and approved by LOCAL AGENCY contract manager to conform to the audit or review recommendations. CONSULTANT agrees that individual terms of costs identified in the audit report shall be incorporated into the contract by this reference if directed by LOCAL AGENCY at its sole discretion. Refusal by CONSULTANT to incorporate audit or review recommendations, or to ensure that the federal, state or local governments have access to CPA work papers, will be considered a breach of contract terms and cause for termination of the contract and disallowance of prior reimbursed costs.

ARTICLE X SUBCONTRACTING (Verbatim)

A. Nothing contained in this contract or otherwise, shall create any contractual relation between LOCAL AGENCY and any subconsultant(s), and no subcontract shall relieve CONSULTANT of its responsibilities and obligations hereunder. CONSULTANT agrees to be as fully responsible to LOCAL AGENCY for the acts and omissions of its subconsultant(s) and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by CONSULTANT. CONSULTANT's obligation to pay its subconsultant(s) is an independent obligation from LOCAL AGENCY'S obligation to make payments to the CONSULTANT.

B. CONSULTANT shall perform the work contemplated with resources available within its own organization and no portion of the work pertinent to this contract shall be subcontracted without written authorization by LOCAL AGENCY's Contract Administrator, except that, which is expressly identified in the approved Cost Proposal.

C. CONSULTANT shall pay its subconsultants within ten (10) calendar days from receipt of each payment made to CONSULTANT by LOCAL AGENCY.

D. Any subcontract in excess of $25,000 entered into as a result of this contract shall contain all the provisions stipulated in this contract to be applicable to subconsultants.

E. Any substitution of subconsultant(s) must be approved in writing by LOCAL AGENCY's Contract Administrator prior to the start of work by the subconsultant(s).

ARTICLE XI EQUIPMENT PURCHASE (Verbatim)

A. Prior authorization in writing, by LOCAL AGENCY's Contract Administrator shall be required before CONSULTANT enters into any unbudgeted purchase order, or subcontract exceeding $5,000 for supplies, equipment, or CONSULTANT services. CONSULTANT shall provide an evaluation of the necessity or desirability of incurring such costs.

B. For purchase of any item, service or consulting work not covered in CONSULTANT's Cost Proposal and exceeding $5,000 prior authorization by LOCAL AGENCY's Contract Administrator; three competitive quotations must be submitted with the request, or the absence of bidding must be adequately justified.

C. Any equipment purchased as a result of this contract is subject to the following: "CONSULTANT shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two years and an acquisition cost of $5,000 or more. If the purchased equipment needs replacement and is sold or traded in, LOCAL AGENCY shall receive a proper refund or credit at the conclusion of the contract, or if the contract is terminated, CONSULTANT may either keep the equipment and credit LOCAL AGENCY in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established LOCAL AGENCY procedures; and credit LOCAL AGENCY in an amount equal to the sales price. If CONSULTANT elects to keep the equipment, fair market value shall be determined at CONSULTANT's expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to by LOCAL AGENCY and CONSULTANT, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by LOCAL AGENCY." 49 CFR, Part 18 requires a credit to Federal funds when participating equipment with a fair market value greater than $5,000 is credited to the project.

D. All subcontracts in excess $25,000 shall contain the above provisions.

ARTICLE XII STATE PREVAILING WAGE RATES (Verbatim)

A. CONSULTANT shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code, Section 1770, and all Federal, State, and local laws and ordinances applicable to the work.

B. Any subcontract entered into as a result of this contract, if for more than $25,000 for public works construction or more than $15,000 for the alteration, demolition, repair, or maintenance of public works, shall contain all of the provisions of this Article.

C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See http://www.dir.ca.gov.

ARTICLE XIII CONFLICT OF INTEREST (Verbatim)

A. CONSULTANT shall disclose any financial, business, or other relationship with LOCAL AGENCY that may have an impact upon the outcome of this contract, or any ensuing LOCAL AGENCY construction project. CONSULTANT shall also list current clients who may have a financial interest in the outcome of this contract, or any ensuing LOCAL AGENCY construction project, which will follow.

B. CONSULTANT hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this contract.

C. Any subcontract in excess of $25,000 entered into as a result of this contract, shall contain all of the provisions of this Article.

D. CONSULTANT hereby certifies that neither CONSULTANT, its employees, nor any firm affiliated with CONSULTANT providing services on this project prepared the Plans, Specifications, and Estimate for any construction project included within this contract. An affiliated firm is one, which is subject to the control of the same persons through joint- ownership, or otherwise.

E. CONSULTANT further certifies that neither CONSULTANT, nor any firm affiliated with CONSULTANT, will bid on any construction subcontracts included within the construction contract. Additionally, CONSULTANT certifies that no person working under this contract is also employed by the construction CONSULTANT for any project included within this contract.

F. Except for subconsultants whose services are limited to materials testing, no subconsultant who is providing service on this contract shall have provided services on the design of any project included within this contract.

ARTICLE XIV REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION (Verbatim)

CONSULTANT warrants that this contract was not obtained or secured through rebates kickbacks or other unlawful consideration, either promised or paid to any LOCAL AGENCY employee. For breach or violation of this warranty, LOCAL AGENCY shall have the right in its discretion; to terminate the contract without liability; to pay only for the value of the work actually performed; or to deduct from the contract price; or otherwise recover the full amount of such rebate, kickback or other unlawful consideration.

ARTICLE XV PROHIBITION OF EXPENDING LOCAL AGENCY STATE OR FEDERAL FUNDS FOR LOBBYING (Verbatim)

A. CONSULTANT certifies to the best of his or her knowledge and belief that:

1. No state, federal or local agency appropriated funds have been paid, or will be paid by-or-on behalf of CONSULTANT to any person for influencing or attempting to influence an officer or employee of any state or federal agency; a Member of the State Legislature or United States Congress; an officer or employee of the Legislature or Congress; or any employee of a Member of the Legislature or Congress, in connection with the awarding of any state or federal contract; the making of any state or federal grant; the making of any state or federal loan; the entering

into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.
2. If any funds other than federal appropriated funds have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency; a Member of Congress; an officer or employee of Congress, or an employee of a Member of Congress; in connection with this federal contract, grant, loan, or cooperative agreement; CONSULTANT shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.
B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.
C. CONSULTANT also agrees by signing this document that he or she shall require that the language of this certification be included in all lower-tier subcontracts, which exceed $100,000 and that all such sub recipients shall certify and disclose accordingly.

ARTICLE XVI STATEMENT OF COMPLIANCE

A. CONSULTANT's signature affixed herein, and dated, shall constitute a certification under penalty of perjury under the laws of the State of California that CONSULTANT has, unless exempt, complied with, the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 8103.

B. During the performance of this Contract, Consultant and its subconsultants shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40*),* marital status, and denial of family care leave. Consultant and subconsultants shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant and subconsultants shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Contract by reference and made a part hereof as if set forth in full. Consultant and its subconsultant*s* shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

C. The Consultant shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of Title VI of the 1964 Civil Rights Act). Title VI provides that

the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the state of California shall, on the basis of race, color, national origin, religion, sex, age, disability, be excluded from participation in, denied the benefits of or subject to discrimination under any program or activity by the recipients of federal assistance or their assignees and successors in interest.

D. The Consultant, with regard to the work performed by it during the Agreement shall act in accordance with Title VI. Specifically, the Consultant shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of Subconsultants, including procurement of materials and leases of equipment. The Consultant shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a program whose goal is employment.

ARTICLE XVII DEBARMENT AND SUSPENSION CERTIFICATION

A. CONSULTANT's signature affixed herein, shall constitute a certification under penalty of perjury under the laws of the State of California, that CONSULTANT has complied with Title 2 CFR, Part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (nonprocurement)", which certifies that he/she or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to LOCAL AGENCY.

B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining CONSULTANT responsibility. Disclosures must indicate to whom exceptions apply, initiating agency, and dates of action.

C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services Administration are to be determined by the Federal highway Administration.

***All referenced forms and sample templates will be provided by CITY.**

10-H FORM INSTRUCTIONS

1. Supplement#: Enter in appropriate Supplement # or fill in Original, if it is to establish the agreement.
2. CONSULTANT Name: Enter CONSULTANT name as it appears on the W-9, and should match remit information on invoices.
3. Date*: Date CONSULTANT is filling out the 10-H Form (*This is not the effective date of contract execution for invoicing purposes).
4. Project Name: Enter project name.
5. Project #: Enter CITY project number.
6. The CONSULTANT and SubCONSULTANT(s) shall submit, for the most recent completed fiscal year, an Indirect Cost Rate (ICR) that has been approved by Caltrans with a Cognizant Letter of Approval if available **OR** an ICR that is Federal Acquisition Regulations (FAR) compliant. For contracts $3.5 million or greater, a CPA audited ICR shall be used.
   a. Fringe Benefit %: Enter in the Fringe Benefit Rate per CONSULTANT'S audited rate
   b. Overhead %: Enter in the FAR compliant Overhead Rate.
7. Profit: **MAX 10%**
8. Classification: Enter classification that shall match invoiced classification for payment approval.
9. Name: List all Professional and Supervisory staff by Name. For staff not listed by name, a current payroll document identifying actual hourly rate shall be provided with every invoice for which they bill time. For greater flexibility, besides naming all individuals working on the project, it may be helpful to also enter in a classification without a name (non-key staff only), and a rate not to exceed similar classifications.
10. Key Staff: Denote Key Staff with an X in the Key Staff Column. Final determination of Key Staff to be approved by CITY Project Manager. (Examples of key staff may include a named Project Manager, a specific Principal Engineer, a specific Structural Engineer
11. Prevailing Wage: Denote staff subject to Prevailing Wage with an X in the Prevailing Wage Column.
12. Overtime: Overtime will only be paid to classifications where it is required by their union contracts (Prevailing Wage classifications). CONSULTANT shall pay prevailing wage employees per prevailing wage guidelines. For more information on applicable prevailing wages, please visit the following website: https://www.dir.ca.gov/OPRL/PWD/.
13. Actual Base Hourly Rate Paid to Employee for Reference Only: Enter in the actual hourly rate of the employee per the date noted in number 3. Actual Base Hourly Rate should not include fringe, in-lieu of fringe, or overhead. Hourly rates for new employees added to the project, after the execution of original 10-H shall not exceed (or shall be in line with) the rates of similar personnel with similar experience listed on this 10-H Form.
14. Approved Fully Loaded Hourly Rate: This field is auto-calculated.

    [Actual Base Hourly Rate Paid to Employee + (Actual Base Hourly Rate Paid to Employee x Combined %)] = A
    A x Profit % = B
    A + B = Actual Fully Loaded Hourly Rate
    The Approved Flat Hourly Billing Rate shall be all-inclusive, including all mark-ups, fringe, overhead and profit.

15. Other Direct Costs (ODC's): Enter in a description of the ODC's to be reimbursed. No mark-up shall be applied to ODC's. See Guidelines below.

GUIDELINES – OTHER DIRECT COSTS

Other Direct Costs (ODCs) may only include those items not covered in indirect costs and must list specific items at cost. 'Miscellaneous' is not acceptable. All ODCs need to be itemized in the 10-H form and be compliant with Federal Acquisition Regulation (FAR). Receipts or other appropriate documentation must be provided for reimbursement of ODC items and no mark-up is permitted.

Ineligible ODCs

Use of in house equipment (e.g., computers, phones, printers), office supplies, copies, and other items generally associated with doing business should not be included in ODCs.

Food and/or refreshment items and travel to and from the employees' home to the office are not allowable ODCs.

Travel

Mileage from an employee's home to the office or job site is not reimbursable.

If required for the project, all hotel costs and air fare must be within Caltrans rate (i.e., at lowest available airfare, reasonable hotel rate for area). All travel must be pre-approved by the City's Project Manager.

Lodging will be reimbursed based on City, Fiscal Year, and Month, plus tax. No other expenses are reimbursable. Meals and Incidentals will also be paid based on City, Fiscal Year, and Month.
https://www.gsa.gov/travel/plan-book/per-diem-rates

Estimating ODCs

Any ODCs need to be itemized with a not-to exceed total for each item. If an ODC item is not listed, it will not be reimbursable under the contract. Please consider the total costs for each individual item to determine if it warrants individual tracking and invoicing or whether it should more efficiently be absorbed within overhead costs.

Each Other Direct Cost is has its own not-to-exceed amount and they are not interchangeable.

Potential ODCs. (These are examples only; they may not be appropriate in each individual case):

Description	Rate	Total
Mileage	At Current IRS Rate	Not to exceed amount
Travel: Airfare/Train/Other Ground Transportation	At Cost	Not to exceed amount
Travel: Lodging / Hotel	Per FAR guidelines	Not to exceed amount
Travel: Meals & Incidentals	Per FAR guidelines	Not to exceed amount
Printing/Reproduction (outside vendor only)	At Cost	Not to exceed amount
Permits/Fees	At Cost	Not to exceed amount
Lab Analyses/Test (list specifics)	Per Test Cost	Not to exceed amount
Equipment (list specifics)	At cost/ lease rate	Not to exceed amount
Field Equipment/Supplies (outside vendor)* **	At cost	Not to exceed amount
Tolls/Parking	At cost	Not to exceed amount
Shipping/Postage (outside vendor only)	At cost	Not to exceed amount

OVERALL COST PROPOSAL - COST PLUS FIXED FEE

Sacramento Last Mile CM Services

	HDR	Twining	TOTAL
Task 1			
Construction Management	$ 1,714,024.34	$ 14,223.24	$ 1,728,247.58
Task 1 Subtotal	$ 1,714,024.34	$ 14,223.24	$ 1,728,247.58
Total - Labor	**$ 1,714,024.34**	**$ 14,223.24**	**$ 1,728,247.58**
Other Direct Costs			
Vehicles	$ 82,956.00		$ 82,956.00
DFV Cable	$ 19,080.00		$ 19,080.00
Integrity Data & Fiber	$ 75,600.00		$ 75,600.00
ASTM C39	$ -	$ 840.00	$ 840.00
Max Density Methods	$ -	$ 732.00	$ 732.00
R-Value Soil	$ -	$ 1,671.00	$ 1,671.00
Sieve Analysis	$ -	$ 579.00	$ 579.00
Atterberg Limits/Plasticity Index	$ -	$ 645.00	$ 645.00
Sample Pick-ups Concrete Cylinders	$ -	$ 510.00	$ 510.00
Sample Pick-ups Soil/Aggregate		$ 684.00	$ 684.00
ODC Subtotal	$ 177,636.00	$ 5,661.00	$ 183,297.00
GRAND TOTAL	**$ 1,891,660.34**	**$ 19,884.24**	**$ 1,911,544.58**

COST PROPOSAL - COST PLUS FIXED FEE

SACRAMENTO LAST MILE CM SERVICES

	HDR												
	Staff Name and or Classification	Project Manager Zeiss	Resident Engineer, Barnard	Group 2 Inspector, Eakin	Group 2 Inspector, Tuthill	Group 2 Inspector, Chohan	OE Schedule Review, White	Project Controller, Franklin	Hours Subtotal	Labor Costs	OH + Fringe 127.13%	Profit 10%	Total Cost
	Actual Base Hourly Rate	$ 133.26	$ 100.10	$ 82.01	$ 89.23	$ 93.18	$ 106.22	$ 48.09					
Task 1													
Construction Management	Hours	156	1867	1489	1217	360	1980	79	7148	$ 686,040.57	$ 872,163.38	$ 155,820.39	$ 1,714,024.34
Task 1 Subtotal		156	1,867	1,489	1,217	360	1,980	79	7,148.00	$ 686,040.57	$ 872,163.38	$ 155,820.39	$ 1,714,024.34
Other Direct Costs													
Vehicles @ 12/hour			1867	1489	1217	360	1980			6913			$ 82,956.00
DFV Cable													$ 19,080.00
Integrity Data & Fiber													$ 75,600.00
ODC Subtotal		0	0	0	0	0	0	0	0	$ -	$ -	$ -	$ 177,636.00
Grand Total													**$ 1,891,660.34**

COST PROPOSAL - COST PLUS FIXED FEE

SACRAMENTO LAST MILE CM SERVICES

	Twining								
	Staff Name and or Classification	Project Manager, Oliver	Journeyman Grp 2, Polischuk	Journeyman Grp 1, Young	Journeyman Grp 3, Bogle	Hours Subtotal	Labor Costs	OH + Fringe 132.11%	Profit 10%	Total Cost
	Actual Base Hourly Rate	$ 75.00	$ 61.39	$ 63.39	$ 53.69					
Task 1										
Construction Management	Hours	20	30	25	12	87	$ 5,570.73	$ 7,359.49	$ 1,293.02	$ 14,223.24
Task 1 Subtotal		20	30	25	12	87.00	$ 5,570.73	$ 7,359.49	$ 1,293.02	$ 14,223.24
Other Direct Costs										
ASTM C39										$ 840.00
Max Density Methods										$ 732.00
R-Value Soil										$ 1,671.00
Sieve Analysis										$ 579.00
Atterberg Limits/Plasticity Index										$ 645.00
Sample Pick-ups Concrete Cylinders										$ 510.00
Sample Pick-ups Soil/Aggregate										$ 684.00
ODC Subtotal		0	0	0	0	0	$ -	$ -	$ -	$ 5,661.00
Grand Total										**$ 19,884.24**

CITY OF SACRAMENTO 10-H FORM
COST PLUS FIXED FEE

Check one: Prime

Approved with Supplement # (type Original if it is the Original):

CONSULTANT Name: HDR CCC **Date:** 3/17/2026

Project Name: Last Mile CM

Project #: A07001804

Fringe Benefit %	+ *Overhead %		Combined %
0.00%	127.13%	0.00%	127.13%

Fixed Fee (Profit) %: 10.00%

[Actual Base Hourly Rate Paid to Employee + (Actual Base Hourly Rate Paid to Employee x Combined %)] = A

A x Profit % = B A + B = Actual Fully Loaded Hourly Rate

Key Staff	Prevailing Wage	Classification	Name	Actual Base Hourly Rate Paid to Employee For Reference Only (Does not Include any Fringe, OH, or G&A)	Approved Fully Loaded Hourly Rate For Reference Only (Includes Fringe, OH, G&A & Fixed Fee)
X		Project Manager	Greg Zeiss - 2026	$133.26	$332.94
X		Resident Engineer	Keil Barnard - 2026	$100.10	$250.09
		Office Engineer	Elaine Yip - 2026	$103.31	$258.11
	X	Assistant RE/Inspector (Primary)	Shan Eakin - 2026	$82.01	$204.90
	X	Assistant RE/Inspector	Steve Tuthill - 2026	$89.23	$222.93
	X	Assistant RE/Inspector	Manny Sahagun - 2026	$86.00	$214.86
		Electrical/FO Submittal/RFI Review	Mohan Chohan - 2026	$93.18	$232.80
		Assist RE/Inspector	Tim Crosby - 2026	$97.94	$244.70
		Office Engineer/Schedule Review	Phil White - 2026	$106.22	$265.38
		Project Controller	Carrie Franklin - 2026	$48.09	$120.15
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00

SUB CONSULTANTS

SUB CONSULTANT NAME	TOTAL BUDGET AMOUNTS
Twining	$ 19,884.24
	$ -
	$ -
	$ -
	$ -
SUB CONSULTANTS GRAND TOTAL:	**$ 19,884.24**

Other Direct Costs (ODC) Items and Rates

Estimated ODC Budgets Shall Be Included in Cost Proposal.

DESCRIPTION	RATE	TOTAL
Vehicles - 6,913 hrs @ $12/hr	12	$ 75,600.00
DFV Cable		$ 19,080.00
Integrity D&F		$ 75,600.00
		$ -
		$ -
		$ -
		$ -
		$ -
		$ -
	OTHER DIRECT COSTS TOTAL	**$ 170,280.00**

AGREEMENT GRAND TOTAL: $1,911,544.58

Zeiss, Greg P Digitally signed by Zeiss, Greg P Date: 2026.03.18 09:15:17 -07'00'

Check one: Prime

Approved with Supplement # (type Original if it is the Original):

CONSULTANT Name: HDR CCC Date: 3/17/2026

Project Name: Last Mile CM

Project #: A07001804

Fringe Benefit %	+ *Overhead %		Combined %
0.00%	127.13%	0.00%	127.13%

Fixed Fee (Profit) %: 10.00%

[Actual Base Hourly Rate Paid to Employee + (Actual Base Hourly Rate Paid to Employee x Combined %)] = A

A x Profit % = B A + B = Actual Fully Loaded Hourly Rate

Key Staff	Prevailing Wage	Classification	Name	Actual Base Hourly Rate Paid to Employee For Reference Only (Does not Include any Fringe, OH, or G&A)	Approved Fully Loaded Hourly Rate For Reference Only (Includes Fringe, OH, G&A & Fixed Fee)

1. List all Professional and Supervisory staff by Classification and Name. For staff not listed by name but by classification only, a current payroll document identifying their actual base hourly rate shall be provided with every invoice where an unlisted staff bills time. The approved flat hourly billing rates for all employees will be calculated and reimbursed based on their actual base hourly rates per the date noted above. For staff not listed by name but by classification only, the reimbursement will not exceed the approved flat hourly billing rate for that classification. Approved flat hourly billing rates for new employees hired after the date of this cost proposal will not exceed the rates of similar personnel with similar experience listed on this cost proposal. The approved fully loaded billing rate shall be all-inclusive, including all mark-ups, fringe, and overhead expenses and profit.
2. Key Staff shall be determined by CITY Project Manager. (i.e., named Project Manager, a specific Principal Engineer, a specific Structural Engineer, etc. Note Key staff with an "X" in the Key Staff column.
3. The employees' actual base hourly rates used to negotiate the flat hourly billing rates in this 10-H Form are the rates that were effective per the date noted above. Addition of new staff, new classifications, or addition of a SUBCONSULTANT not previously listed on the approved 10-H Form(s) shall require written approval from the CITY. No work shall commence until the approval is provided by the CITY. New staff shall be paid at the same or lower approved flat hourly billing rate of the previously approved classification. In addition, if the substitution involves Key Staff, CONSULTANT must request and justify the need for the substitution and obtain approval from CITY Project Manager. Substituted Key Staff shall be as qualified as the original.
4. Approved flat hourly billing rates include all standard equipment including laptop, camera, cell phone, truck, standard personal safety equipment. CITY Project Manager shall approve any other direct costs.
5. Note employees/classifications that are subject to prevailing wage requirements with an "X" in the Prevailing Wage column. Prevailing Wage specified is based on current Department of Industrial Relations (DIR) determination. CONSULTANT shall be responsible for any future adjustments to the prevailing wage, including but not limited to, base hourly rates and employer payments as determined by the DIR. CONSULTANT is responsible for paying the appropriate rate, including escalations that take place during the term of the Agreement. CONSULTANT shall be reimbursed at the above listed approved flat hourly billing rates.
6. Overtime may be reimbursed to classifications where it is required by their union contracts (Prevailing Wage classifications). Overtime will not be charged unless prior written approval is received by CITY Project Manager. CITY shall pay CONSULTANT at the approved overtime rates noted above. CONSULTANT shall pay prevailing wage employees per prevailing wage guidelines.
7. Local transportation costs resulting from commuting to and from the employee's residence to the office or job site are not reimbursable.
8. The Project will not reimburse CONSULTANT for costs to relocate its staff to the geographic area of the contract. The Project will not reimburse CONSULTANT for any per diem.
9. ODC items are to be in compliance with Code of Federal Regulations, Title 48 Part 31 [Federal Acquisition Regulations (FAR) cost principles] and the firm's company-wide allocation policies and charging practices with all clients including federal government, state government, local agencies and private clients.

By signing here, you agree to the terms above, and attest that all information is accurate and true.

09/03/2025 Rev

Zeiss, Greg P

Digitally signed by Zeiss, Greg P
Date: 2026.05.08 09:14:46 -07'00'

CONSULTANT'S AUTHORIZED PERSON SIGNATURE

CITY OF SACRAMENTO 10-H FORM
COST PLUS FIXED FEE

Check one: Sub

Approved with Supplement # (type Original if it is the Original): Original

SUB CONSULTANT Name: Twining Inc Date: 1/9/2026

Project Name: Sacramento Last Mile-CM Services

Project #: A07001804

Fringe Benefit %	+ *Overhead %		Combined %
74.17%	57.94%	0.00%	132.11%

Fixed Fee (Profit) %: 10.00%

[Actual Base Hourly Rate Paid to Employee + (Actual Base Hourly Rate Paid to Employee x Combined %)] = A

A x Profit % = B A + B = Actual Fully Loaded Hourly Rate

Key Staff	Prevailing Wage	Classification	Name	Actual Base Hourly Rate Paid to Employee For Reference Only (Does not Include any Fringe, OH, or G&A)	Approved Fully Loaded Hourly Rate For Reference Only (Includes Fringe, OH, G&A & Fixed Fee)
X		Project Manager	Jerry Oliver	$75.00	$191.49
	X	Journeyman Grp 2	Andrei Polischuk	$61.39	$156.74
	X	Journeyman Grp 1	Andrew Young	$63.39	$161.85
	X	Journeyman Grp 3	Bryan Bogle	$53.69	$137.08
	X	Journeyman Grp 3	Chris Thomas	$53.69	$137.08
	X	Journeyman Grp 2	Van Cuthbertson	$61.39	$156.74

Other Direct Costs (ODC) Items and Rates

Estimated ODC Budgets Shall Be Included in Cost Proposal.

Description	Rate	Total
6" x 12" Cylinder Compression Strength (ASTM C39)	$56/each	$ 840.00
Maximum Density Methods A/B/C (ASTM D1557, D698, CTM 216)	$244/each	$ 732.00
R-Value Soil (ASTM 2844, CTM 301)	$557/each	$ 1,671.00
Sieve Analysis Including Wash (ASTM C136, CTM 202)	$193/each	$ 579.00
Atterberg Limits/Plasticity Index (ASTM D4318, CTM 204)	$215/each	$ 645.00
Sample Pick-Ups: Standard Sample: Concrete Cylinders (Each)	$34/each	$ 510.00
Sample Pick-Ups: Standard Sample: Soil/Aggregate Sample (Each)	$57/each	$ 684.00
		$ -
		$ -
		$ -
		$ -
		$ -
	OTHER DIRECT COSTS TOTAL	$ 5,661.00

SUB-CONSULTANT GRAND TOTAL: $ 19,884.24

Zeiss Greg P

Check one: Sub

Approved with Supplement # (type Original if it is the Original):

SUB CONSULTANT Name: Twining Inc

Date: 1/9/2026

Project Name: Sacramento Last Mile-CM Services

Project #: A07001804

Fringe Benefit %	+ *Overhead %		Combined %
74.17%	57.94%	0.00%	132.11%

Fixed Fee (Profit) %: 10.00%

[Actual Base Hourly Rate Paid to Employee + (Actual Base Hourly Rate Paid to Employee x Combined %)] = A

A x Profit % = B A + B = Actual Fully Loaded Hourly Rate

Key Staff	Prevailing Wage	Classification	Name	Actual Base Hourly Rate Paid to Employee For Reference Only (Does not Include any Fringe, OH, or G&A)	Approved Fully Loaded Hourly Rate For Reference Only (Includes Fringe, OH, G&A & Fixed Fee)

1. List all Professional and Supervisory staff by Classification and Name. For staff not listed by name but by classification only, a current payroll document identifying their actual base hourly rate shall be provided with every invoice where an unlisted staff bills time. The approved flat hourly billing rates for all employees will be calculated and reimbursed based on their actual base hourly rates per the date noted above. For staff not listed by name but by classification only, the reimbursement will not exceed the approved flat hourly billing rate for that classification. Approved flat hourly billing rates for new employees hired after the date of this cost proposal will not exceed the rates of similar personnel with similar experience listed on this cost proposal. The approved fully loaded billing rate shall be all-inclusive, including all mark-ups, fringe, and overhead expenses and profit.
2. Key Staff shall be determined by CITY Project Manager. (i.e., named Project Manager, a specific Principal Engineer, a specific Structural Engineer, etc. Note Key staff with an "X" in the Key Staff column.
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4. Approved flat hourly billing rates include all standard equipment including laptop, camera, cell phone, truck, standard personal safety equipment. CITY Project Manager shall approve any other direct costs.
5. Note employees/classifications that are subject to prevailing wage requirements with an "X" in the Prevailing Wage column. Prevailing Wage specified is based on current Department of Industrial Relations (DIR) determination. CONSULTANT shall be responsible for any future adjustments to the prevailing wage, including but not limited to, base hourly rates and employer payments as determined by the DIR. CONSULTANT is responsible for paying the appropriate rate, including escalations that take place during the term of the Agreement. CONSULTANT shall be reimbursed at the above listed approved flat hourly billing rates.
6. Overtime may be reimbursed to classifications where it is required by their union contracts (Prevailing Wage classifications). Overtime will not be charged unless prior written approval is received by CITY Project Manager. CITY shall pay CONSULTANT at the approved overtime rates noted above. CONSULTANT shall pay prevailing wage employees per prevailing wage guidelines.
7. Local transportation costs resulting from commuting to and from the employee's residence to the office or job site are not reimbursable.
8. The Project will not reimburse CONSULTANT for costs to relocate its staff to the geographic area of the contract. The Project will not reimburse CONSULTANT for any per diem.
9. ODC items are to be in compliance with Code of Federal Regulations, Title 48 Part 31 [Federal Acquisition Regulations (FAR) cost principles] and the firm's company-wide allocation policies and charging practices with all clients including federal government, state government, local agencies and private clients.

By signing here, you agree to the terms above, and attest that all information is accurate and true.

09/03/2025 Rev

SUBCONSULTANT'S AUTHORIZED PERSON SIGNATURE

Zeiss, Greg P Digitally signed by Zeiss, Greg P Date: 2026.05.08 09:13:42 -07'00'

EXHIBIT C

INSURANCE

1. **Insurance Requirements**. During the entire term of this Contract, Contractor shall maintain the insurance coverage described in the Insurance Terms below.

   Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified under this Contract. No additional compensation will be provided for Contractor's insurance premiums. Any available insurance proceeds in excess of the specified minimum limits and coverages shall be available to the City.

   If the CONTRACTOR maintains broader coverage and/or higher limits than the minimums shown below, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

2. **General Liability Minimum Scope and Limits of Insurance Coverage.** Commercial General Liability Insurance is required providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage, and personal injury, arising out of activities performed by or on behalf of the Contractor and subcontractors, products and completed operations of Contractor and subcontractors, and premises owned, leased, or used by Contractor and subcontractors, with limits of not less than one million dollars ($1,000,000) per occurrence. The policy shall provide contractual liability and products and completed operations coverage for the term of the policy. If a general aggregate limit applies, either the general aggregate limit shall apply separately (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

   The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of: activities performed by or on behalf of Contractor and subcontractors; products and completed operations of Contractor and subcontractors; and premises owned, leased, or used by Contractor and subcontractors.

3. **Automobile Liability Minimum Scope and Limits of Insurance Coverage**. (*Check the applicable provision*.)

   _X_ Automobile Liability Insurance is required providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars ($1,000,000) per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.
   The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

___ No automobile liability insurance is required, and by signing this Contract, Contractor certifies as follows:

"Contractor certifies that a motor vehicle will not be used in the performance of any work or services under this agreement. If, however, Contractor does transport items under this Contract, or this Contract is amended to require any employees of Contractor to use a vehicle to perform services under the Contract, Contractor understands that it must maintain and provide evidence of Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars ($1,000,000*)* per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor."

4. **Excess Insurance**. The CONTRACTOR may use Umbrella or Excess Policies to meet the required liability limits. This form of insurance will be acceptable provided that any umbrella or excess policies provide all of the insurance coverages required and meet the other requirements for the primary policies as set forth in this Agreement. Umbrella and/or Excess policies shall be provided on a true "following form" or broader coverage basis, with coverage at least as broad as provided in the underlying primary policy.

Umbrella or excess policies shall contain, or be endorsed to provide that the City, its officials, employees, and volunteers shall be covered as additional insureds, as well as a provision that it will apply on a primary basis for the benefit of the City. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers will be in excess of Contractor's umbrella or excess coverage and will not contribute to it. No insurance or self-insurance maintained by the City that applies to a loss covered herein, whether Primary or Excess, and which also applies to a loss covered hereunder, shall be called upon to contribute to a loss until the Contractor's Primary and Excess liability policies are exhausted.

5. **Workers' Compensation Minimum Scope and Limits of Insurance Coverage.** (*Check the applicable provision*.)

_X_ Workers' Compensation Insurance is required with statutory limits and Employers' Liability Insurance with limits of not less than one million dollars ($1,000,000). The Workers' Compensation policy shall include a waiver of subrogation in favor of the City.

___ No work or services will be performed on or at CITY facilities or CITY Property, therefore a Workers' Compensation waiver of subrogation in favor of the CITY is not required.

___ No Workers' Compensation insurance is required, and by signing this Contract, Contractor certifies as follows:

"Contractor certifies that its business has no employees, and that it does not employ anyone, and is therefore exempt from the legal requirements to provide Workers' Compensation insurance. If, however, Contractor hires any employee during the term of this Contract, Contractor understands that Workers' Compensation with statutory limits and Employer's Liability Insurance with a limit of not less than one million dollars ($1,000,000) is required. The Workers' Compensation policy will include a waiver of subrogation in favor of the City."

6. **Professional Liability Minimum Scope and Limits of Insurance Coverage.** Professional Liability Insurance for errors and omissions, or malpractice with limits of not less than one million dollars ($1,000,000):

_X__ Is___ Is not *[check one]* required for this Agreement.

a. If Professional Liability insurance is provided on a claims made basis:

i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.

ii. Insurance must be maintained and evidence of insurance must be provided for at least three (3) years after completion of the contract.

iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the CONTRACTOR must purchase "extended reporting" coverage for a minimum of three (3) years after completion of contract work.

7. **Other Insurance Provisions.** The policies must contain, or be endorsed to contain, the following provisions:

A. Contractor's insurance coverage, including excess insurance, shall be primary and non-contributory insurance as respects the City, its officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officials, employees or volunteers will be in excess of Contractor's insurance and will not contribute with it.

B. Any failure to comply with reporting provisions of the policies will not affect coverage provided to the City, its officials, employees or volunteers.

C. Coverage shall state that Contractor's insurance applies separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

D. Contractor shall provide the City with 30 days written notice of cancellation or material change in the policy language or terms.

8. **Waiver of Subrogation.** CONTRACTOR hereby grants to City a waiver of any right to subrogation which any insurer may acquire against the City by virtue of the payment of any loss under such insurance. CONTRACTOR agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from an insurer.

9. **Acceptability of Insurance**. Insurance must be placed with insurers with a Bests' rating of not less than A:VI. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Exhibit C must be declared to and approved by the City in writing before execution of this Contract.

10. Verification of Coverage.

A. Contractor shall furnish City with certificates and required endorsements evidencing the insurance required. Certificates of insurance must be signed by an authorized representative of the insurance carrier. Copies of policies shall be delivered to the City Representative on demand.

B. Contractor shall send all insurance certificates and endorsements, including policy renewals, during the term of this Contract directly to:

City of Sacramento
c/o Exigis LLC
PO Box 947
Murrieta, CA 92564

C. Certificate Holder must be listed as:

City of Sacramento
c/o Exigis LLC
PO Box 947
Murrieta, CA 92564

D. The City may withdraw its offer of Contract or cancel this Contract if the certificates of insurance and endorsements required have not been provided before execution of this Contract. The City may withhold payments to Contractor and/or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

11. Subcontractor Insurance Coverage. Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in this Exhibit C.

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 05/11/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Willis Towers Watson Midwest, Inc.
c/o 26 Century Blvd
P.O. Box 305191
Nashville, TN 372305191 USA

CONTACT NAME: WTW Certificate Center
PHONE (A/C, No, Ext): 1-877-945-7378 **FAX (A/C, No):** 1-888-467-2378
E-MAIL ADDRESS: certificates@wtwco.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Liberty Mutual Fire Insurance Company	23035
INSURER B : Ohio Casualty Insurance Company	24074
INSURER C : Liberty Insurance Corporation	42404
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
HDR Construction Control Corporation
1917 South 67th Street
Omaha, NE 68106

COVERAGES **CERTIFICATE NUMBER:** W45948218 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. *LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. LIMITS SHOWN ARE INCLUSIVE OF AMOUNTS REQUESTED BY THE CERTIFICATE HOLDER AND MAY NOT REFLECT POLICY LIMIT AMOUNTS IN EXCESS OF THOSE REQUESTED. ***Not Applicable in WY**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT X LOC OTHER:	Y	Y	TB2-641-444950-035	06/01/2025	06/01/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 1,000,000 $ 10,000 $ 2,000,000 $ 4,000,000 $ 4,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY	Y	Y	AS2-641-444950-045	06/01/2025	06/01/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 2,000,000 $ $ $
B	UMBRELLA LIAB X OCCUR X EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 0	Y	Y	EUO(26)57919363	06/01/2025	06/01/2026	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: No (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	Y	WA7-64D-444950-015	06/01/2025	06/01/2026	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Certificate Holder is named as Additional Insured on General Liability, Automobile Liability and Umbrella/Excess Liability on a Primary, Non-contributory basis where required by written contract. Waiver of Subrogation applies on General Liability, Automobile Liability, Umbrella/Excess Liability and Workers Compensation where required by written contract and as permitted by law. Umbrella/Excess policy is follow form over General Liability, Auto Liability and Employers Liability.

CERTIFICATE HOLDER
City of Sacramento
Attn: Adam Randolph
915 I St.
2nd Floor
Sacramento, CA 95814

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

AGENCY Willis Towers Watson Midwest, Inc.	NAMED INSURED HDR Construction Control Corporation 1917 South 67th Street Omaha, NE 68106
POLICY NUMBER See Page 1	
CARRIER See Page 1 / NAIC CODE See Page 1	EFFECTIVE DATE: See Page 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Re: City of Sacramento Last Mile CM Services PN A7001804.

Additional Insureds: The City, its officials, employees and volunteers.

Waiver of Subrogation: City.

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SR ID: 29920127 BATCH: 4442847 CERT: W45948218

Policy Number: TB2-641-444950-035

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Location(s):
All locations owned by or rented to the Named Insured
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A,** and for all medical expenses caused by accidents under Section **I** – Coverage **C,** which can be attributed only to operations at a single designated "location" shown in the Schedule above:

1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.

2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A,** except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:

a. Insureds;

b. Claims made or "suits" brought; or

c. Persons or organizations making claims or bringing "suits".

3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.

4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.

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B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A,** and for all medical expenses caused by accidents under Section **I** – Coverage **C,** which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:

1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and

2. Such payments shall not reduce any Designated Location General Aggregate Limit.

C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.

D. For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:

"Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway or right-of-way of a railroad.

E. The provisions of Section **III** – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

 © Insurance Services Office, Inc., 2008

Policy Number: TB2-641-444950-035

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Construction Project(s): **All construction projects not located at premises owned, leased or rented by a Named Insured**
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A,** and for all medical expenses caused by accidents under Section **I** – Coverage **C,** which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:

1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.

2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A,** except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:

a. Insureds;

b. Claims made or "suits" brought; or

c. Persons or organizations making claims or bringing "suits".

3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.

4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.

© Insurance Services Office, Inc., 2008

B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A,** and for all medical expenses caused by accidents under Section **I** – Coverage **C,** which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:

1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and

2. Such payments shall not reduce any Designated Construction Project General Aggregate Limit.

C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.

D. If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.

E. The provisions of Section **III** – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Any person or organization with whom you have agreed through written contract, agreement or permit to provide additional insured coverage	All locations as required by a written contract or agreement entered into prior to an "occurrence" or offense

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

   However:

   1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
   2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

   If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

   1. Required by the contract or agreement; or
   2. Available under the applicable limits of insurance;

   whichever is less.

   This endorsement shall not increase the applicable limits of insurance.

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations
Any person or organization to whom or to which you are required to provide additional insured status in a written contract, agreement or permit except where such contact or agreement is prohibited.	Any location where you have agreed, through written, contract, agreement, or permit, to provide additional insured coverage for completed operations

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

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Policy Number TB2-641-444950-035
Issued by Liberty Mutual Fire Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NONCONTRIBUTORY –
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to Section IV – Conditions 4. Other Insurance and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed prior to a loss, that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

(3) This insurance is excess over any other insurance available to the additional insured for which it is also covered as an additional insured by attachment of an endorsement to another policy providing coverage for the same "occurrence", claim or "suit".

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
ELECTRONIC DATA LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

SCHEDULE

Name Of Person(s) Or Organization(s):
As required by written contract or agreement.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV – Conditions:**

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

SCHEDULE

Name Of Person(s) Or Organization(s):
As required by written contract
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.

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Policy Number: AS2-641-444950-045
Issued by: Liberty Mutual Fire Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED - NONCONTRIBUTING

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
GARAGE COVERAGE FORM
MOTOR CARRIERS COVERAGE FORM
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" under the Who Is An Insured Provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage form.

Schedule

Name of Person(s) or Organizations(s):
Any person or organization where the Named Insured has agreed by written contract to include such person or organization

Regarding Designated Contract or Project:
Any

Each person or organization shown in the Schedule of this endorsement is an "insured" for Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured Provision contained in Section II of the Coverage Form.

The following is added to the **Other Insurance Condition:**

If you have agreed in a written agreement that this policy will be primary and without right of contribution from any insurance in force for an Additional Insured for liability arising out of your operations, and the agreement was executed prior to the "bodily injury" or "property damage", then this insurance will be primary and we will not seek contribution from such insurance.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

SCHEDULE

Name(s) Of Person(s) Or Organization(s):
Any person or organization for whom you perform work under a written contract of the contract requires you to obtain this agreement from us but only if the contract is executed prior to the injury or damage occurring.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a c ontract with that person or organization.

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WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Where required by contract or written agreement prior to loss.

Issued by:Liberty Insurance Corporation

For attachment to Policy No WA7-64D-444950-015 Effective Date 06/01/2025 Premium
$

Issued to:HDR Construction Control Corporation

© 1983 National Council on Compensation Insurance, Inc.

Policy Number TB2-641-444950-035
Issued by Liberty Mutual Fire Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART
MOTOR CARRIER COVERAGE PART
GARAGE COVERAGE PART
TRUCKERS COVERAGE PART
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART
COMMERCIAL GENERAL LIABILITY COVERAGE PART
EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	**Email Address or mailing address:**	**Number Days Notice:**
As required by written contract or written agreement	As required by written contract or written agreement	30

A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.

B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

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Policy Number AS2-641-444950-045
Issued by Liberty Mutual Fire Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART
MOTOR CARRIER COVERAGE PART
GARAGE COVERAGE PART
TRUCKERS COVERAGE PART
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART
COMMERCIAL GENERAL LIABILITY COVERAGE PART
EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	**Email Address or mailing address:**	**Number Days Notice:**
As required by written contract or written agreement		30

A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.

B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

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NOTICE OF CANCELLATION TO THIRD PARTIES

A. If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule below. We will send notice to the email or mailing address listed below at least 10 days, or the number of days listed below, if any, before cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.

B. This advance notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

Schedule

Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or agreement		**30**

All other terms and conditions of this policy remain unchanged.

Issued by Liberty Insurance Corporation

For attachment to Policy No. WA7-64D-444950-015 Effective Date 06/01/2025 **Premium $**

Issued to HDR Construction Control Corporation **Endorsement No.**

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CERTIFICATE OF LIABILITY INSURANCE

6/1/2027

DATE (MM/DD/YYYY) 5/12/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies, LLC DBA Lockton Insurance Brokers, LLC in CA CA license #0F15767 444 W. 47th St., Ste. 900 Kansas City MO 64112-1906 (816) 960-9000 kcasu@lockton.com	**CONTACT NAME:** **PHONE (A/C, No, Ext):** **FAX (A/C, No):** **E-MAIL ADDRESS:**
INSURED 1429583 HDR ENGINEERING, INC. 1917 SOUTH 67TH STREET OMAHA NE 68106	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** Lloyds of London **INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 19052900 **REVISION NUMBER:** XXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:			NOT APPLICABLE			EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG 	$ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX $
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX
	UMBRELLA LIAB ☐ OCCUR **EXCESS LIAB** ☐ CLAIMS-MADE ☐ DED ☐ RETENTION $			NOT APPLICABLE			EACH OCCURRENCE AGGREGATE 	$ XXXXXXX $ XXXXXXX $ XXXXXXX
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		NOT APPLICABLE			☐ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ XXXXXXX $ XXXXXXX $ XXXXXXX
A	ARCH & ENG PROFESSIONAL LIABILITY	N	N	P001412600	6/1/2026	6/1/2027	PER CLAIM: $1,000,000 AGGREGATE: $1,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: OLD SACRAMENTO INTERSECTION SAFETY STREET LIGHTING, T15225302

CERTIFICATE HOLDER

19052900
CITY OF SACRAMENTO
NEW CITY HALL, 2ND FLOOR
SACRAMENTO CA 95814

CANCELLATION See Attachment

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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This endorsement, effective: 06/01/2026 - 06/01/2027

Forms a part of policy no.: P001412600

Issued to: HDR ENGINEERING, INC.

By: Lloyd's of London

NOTICE OF CANCELLATION TO CERTIFICATE HOLDERS ENDORSEMENT

Except with respect to cancellation for non-payment of premium (10 day notice cancellation), the **Insurers** shall give 30 days' notice of cancellation to the Certificate Holder(s) set forth herein, provided that:

1. The **First Named Insured** is required by contract to give notice of cancellation to the Certificate Holder, and

2. Prior to the **Insurers** sending its notice of cancellation to the **First Named Insured, the First Named Insured** shall provide the **Insurers**, in writing, either directly or through the **First Named Insured** broker of record, the name of each person or organization requiring notice of cancellation and the corresponding address for such person or for the employee responsible for receipt of notice of cancellation on behalf of such organization.

Notice of cancellation will be sent in accordance with the terms and conditions of the policy, except that the **Insurers** may provide written notice individually or collectively to the Certificate Holders by email at the current email address given by the **First Named Insured**. Proof of sending of the notice of cancellation by email shall be sufficient proof of notice.

Any failure to provide notice of cancellation to the Certificate Holder due to inaccurate or incomplete information provided by the **First Named Insured** shall remain the sole responsibility of the **First Named Insured.**

The following definitions apply to this endorsement:

1. **First Named Insured** means the **Named Insured** shown in the Declarations.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL REMAIN UNCHANGED.

EXHIBIT D

GENERAL CONDITIONS

1. Independent Contractor.

A. It is understood and agreed that CONTRACTOR (including CONTRACTOR's employees) is an independent contractor and that no relationship of employer-employee exists between the parties hereto for any purpose whatsoever. Neither CONTRACTOR nor CONTRACTOR's assigned personnel will be entitled to any benefits payable to CITY employees. CITY is not required to make any deductions or withholdings from the compensation payable to CONTRACTOR under the provisions of this Contract, and CONTRACTOR will be issued a Form 1099 for its services hereunder. As an independent contractor, CONTRACTOR hereby agrees to indemnify and hold CITY harmless from any and all claims that may be made against CITY based upon any contention by any of CONTRACTOR's employees or by any third party, including any state or federal agency, that an employer-employee relationship or a substitute therefor exists for any purpose whatsoever by reason of this Contract or by reason of the nature and/or performance under this Contract.

B. It is further understood and agreed by the parties that CONTRACTOR, in the performance of its obligations, is subject to the City's control and direction as to the designation of tasks to be performed and the results to be accomplished under this Contract, but not as to the means, methods, or sequence used by CONTRACTOR for accomplishing the results. To the extent that CONTRACTOR obtains permission to, and does, use CITY facilities, space, equipment or support services in the performance of this Contract, this use will be at the CONTRACTOR's sole discretion based on the CONTRACTOR's determination that the use will promote CONTRACTOR's efficiency and effectiveness. Except as may be specifically provided elsewhere in this Contract, the CITY does not require that CONTRACTOR use CITY facilities, equipment or support services or work in CITY locations in the performance of this Contract. As used in this Contract, "sole discretion" or "sole judgment" means that the party authorized to exercise its discretion or judgment may do so based on an unfettered assessment of its own interests, without considering how its decision affects the other party, and unconstrained by the implied covenant of good faith and fair dealing.

C. If, in the performance of this Contract, any third persons are employed by CONTRACTOR, such persons will be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. Except as otherwise provided in this Contract, all terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by CONTRACTOR. It is further understood and agreed that CONTRACTOR will issue W-2 or 1099 Forms for income and employment tax purposes for all CONTRACTOR's assigned personnel and subcontractors.

D. The provisions of this section will survive any expiration or termination of this Contract. Nothing in this Contract creates an exclusive relationship between CITY and CONTRACTOR. CONTRACTOR may represent, perform services for, or be employed by

any additional persons or companies so long as CONTRACTOR does not violate the provisions of Section 5, below.

2. **Licenses; Permits, Etc.** CONTRACTOR represents and warrants that CONTRACTOR has, and shall maintain at all times during the term of this Contract at its sole cost and expense, all licenses, permits, qualifications, and approvals of any nature that are legally required for CONTRACTOR to practice its profession or fulfill the terms of this Contract, including a City Business Operations Tax Certificate and any required certification issued by the California Secretary of State.

3. **Time.** Time is of the essence in the performance of this Contract. CONTRACTOR shall devote the necessary time and effort to its performance under this Contract. Neither party will be considered in default of this Contract, to the extent that party's performance is prevented or delayed by any cause, present or future, that is beyond the reasonable control of that party.

4. **CONTRACTOR Not Agent.** Except as CITY may specify in writing, CONTRACTOR and CONTRACTOR's personnel have no authority, express or implied, to act on behalf of CITY in any capacity whatsoever as an agent. CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to bind CITY to any obligations whatsoever.

5. **Conflicts of Interest.** CONTRACTOR covenants that neither it, nor any officer or principal of its firm, has or will acquire any interest, directly or indirectly, that would conflict in any manner with the CITY's interests or that would in any way hinder CONTRACTOR's performance under this Contract. CONTRACTOR further covenants that in the performance of this Contract, no person having any such interest will be employed by it as an officer, employee, agent or subcontractor, without the City's written consent.

   CONTRACTOR agrees to avoid conflicts of interest or the appearance of any conflicts of interest with the City's interests during the performance of this Contract. If CONTRACTOR is or employs a former officer or employee of the CITY, CONTRACTOR and any former City officer or employee shall comply with the provisions of Sacramento City Code Section 2.16.090 pertaining to appearances before the City Council or any CITY department, board, commission, or committee.

6. **Hazardous Substances.** "Hazardous Substances" means any substance, material, waste, or other pollutant or contaminant that is or becomes designated, classified, or regulated as hazardous or toxic under any law, regulation, rule, order, decree, or other governmental requirement now in effect or later enacted. If Contractor is shipping Hazardous Substances, Contractor must supply a Safety Data Sheet ("SDS") with the first shipment of Hazardous Substances to each City location receiving the Hazardous Substances. If the content of an SDS is revised, Contractor must provide a revised SDS to each City location receiving Hazardous Substances.

7. **Confidentiality of CITY Information.** During performance of this Contract, CONTRACTOR may gain access to and use CITY information regarding inventions, machinery, products, prices, apparatus, costs, discounts, future plans, business affairs, governmental affairs, processes, trade secrets, technical matters, systems, facilities, customer lists, product design, copyright, data, and other vital information (hereafter collectively referred to as "City Information") that are valuable, special and unique assets of the CITY.

CONTRACTOR agrees to protect all City Information and treat it as strictly confidential, and further agrees that CONTRACTOR shall not at any time, either directly or indirectly, divulge, disclose or communicate in any manner any City Information to any third party without the City's prior written consent.

In addition, CONTRACTOR must comply with all CITY policies governing the use of the CITY network and technology systems, as set forth in applicable provisions of the City of Sacramento Administrative Policy Instructions # 30. A violation by CONTRACTOR of this section is a material violation of this Contract and shall justify legal and equitable relief.

8. CONTRACTOR Information.

A. CITY shall have full ownership and control, including ownership of any copyrights, of all information prepared, produced, or provided by CONTRACTOR under this Contract. In this Contract, the term "information" means and includes: any and all work product, submittals, reports, plans, specifications, and other deliverables consisting of documents, writings, handwritings, typewriting, printing, photostatting, photographing, computer models, and any other computerized data and every other means of recording any form of information, communications, or representation, including letters, works, pictures, drawings, sounds, or symbols, or any combination thereof. CONTRACTOR shall not be responsible for any unauthorized modification or use of such information for other than its intended purpose by CITY.

B. CONTRACTOR shall fully defend, indemnify and hold harmless CITY, its officers and employees, and each of them, from and against any and all claims, actions, lawsuits or other proceedings alleging that all or any part of the information prepared, produced, or provided by CONTRACTOR under this Contract infringes upon any third party's trademark, trade name, copyright, patent or other intellectual property rights. CITY shall make reasonable efforts to notify CONTRACTOR not later than ten days after CITY is served with any such claim, action, lawsuit or other proceeding. However, City's failure to provide notice within the ten-day period does not relieve CONTRACTOR of its obligations hereunder, which survive any termination or expiration of this Contract.

C. All proprietary and other information received from CONTRACTOR by CITY, whether received in connection with CONTRACTOR's proposal to CITY or in connection with Contractor's performance, will be disclosed upon receipt of a request for disclosure, in accordance with the California Public Records Act; provided, however, that, if any information is set apart and clearly marked "trade secret" when it is provided to CITY, CITY shall give notice to CONTRACTOR of any request for the disclosure of such information. The CONTRACTOR will then have five days from the date it receives notice to petition the court for a protective order to prevent the disclosure of the information. The CONTRACTOR shall have sole responsibility for defense of the actual "trade secret" designation of such information.

D. The parties understand and agree that any failure by CONTRACTOR to respond to the notice provided by CITY and seek a protective order, in accordance with the provisions of subsection C, above, constitutes a complete waiver by CONTRACTOR of any rights regarding the information designated "trade secret" by CONTRACTOR, and the

information will be disclosed by CITY in accordance with the Public Records Act.

9. **Notification of Material Changes in Business.** Contractor agrees that if it experiences any material changes in its business, including a reorganization, refinancing, restructuring, leveraged buyout, bankruptcy, name change, or loss of key personnel, it will immediately notify the City of the changes. Contractor also agrees to immediately notify the City of any condition that may jeopardize the scheduled delivery or fulfillment of Contractor's obligations to the City under this Contract.

10. **Standard of Performance.** CONTRACTOR shall perform in the manner and according to the standards currently observed by a competent practitioner of CONTRACTOR's profession in California and in compliance with all requirements of this Contract. All products that CONTRACTOR delivers to CITY under this Contract must be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in CONTRACTOR's profession.

    CONTRACTOR shall assign only competent personnel to perform on its behalf under this Contract. CONTRACTOR must notify the CITY in writing of any changes in CONTRACTOR's staff assigned to perform under this Contract, before any performance by the new staff member. If the CITY, in its sole discretion, determines that any person assigned by the Contractor to perform under this Contract is not performing in accordance with the standards required herein, City shall provide notice to Contractor. CONTRACTOR shall immediately remove the assigned person upon receipt of the notice.

11. **Performance or Different Terms and Conditions.** The City's subsequent performance will not be construed as either acceptance of additional or different terms and conditions or a counteroffer by the Contractor, nor will the City's subsequent performance be viewed as acceptance of any provision of the Uniform Commercial Code, as adopted by any State, that is contrary to the terms and conditions contained herein. Contractor's performance shall conform to the applicable requirements of the Sacramento City Charter, Sacramento City Code, and all applicable State and Federal laws, and all the requirements of this Contract. The California Commercial Code will apply except as otherwise provided in the Contract.

12. **Emergency/Declared Disaster Requirements.** If an emergency is declared by the City Manager, or if any portion of the City is declared a disaster area by the county, state or federal government, this Contract may be subjected to increased usage. The Contractor shall serve the City during a declared emergency or disaster, subject to the same terms and conditions that apply during non-emergency / non-disaster conditions. The pricing set forth in this Contract will apply, without mark-up, regardless of the circumstances. If the Contractor is unable to fulfill the terms of the Contract because of a disruption in its chain of supply or service, then the Contractor shall provide proof of the disruption. Acceptable forms of proof will include a letter or notice from the Contractor's source stating the reason for the disruption

13. **Term; Suspension; Termination.**

    A. This Contract is effective on the Effective Date and continues in effect until both parties have fully performed their respective obligations under this Contract, unless sooner terminated as provided herein.

B. CITY shall have the right at any time to suspend CONTRACTOR's performance hereunder, in whole or in part, by giving a written notice of suspension to CONTRACTOR. Upon receipt of such notice, CONTRACTOR shall immediately suspend its activities under this Contract, as specified in the notice.

C. The CITY shall have the right to terminate this Contract at any time by giving a written notice of termination to CONTRACTOR. Upon receipt of such notice, CONTRACTOR shall immediately cease performance under this Contract as specified in the notice. If the CITY terminates this Contract:

(1) CONTRACTOR shall, not later than five days after receipt of the notice, deliver all information prepared under this Contract to the City.

(2) The CITY shall pay CONTRACTOR the reasonable value of Goods or Services provided by CONTRACTOR before termination; provided, however, CITY shall not in any manner be liable for lost profits that might have been made by CONTRACTOR had the Contract not been terminated or had CONTRACTOR completed performance required by this Contract. CONTRACTOR shall furnish to the CITY any financial information requested by the City to determine the reasonable value of the Goods or Services provided by CONTRACTOR. The foregoing is cumulative and does not affect any right or remedy that CITY may have in law or equity.

14. Default by Contractor. In case of default by the Contractor, the City reserves the right to procure the Goods or Services from other sources and deduct from any monies due, or that may thereafter become due to the Contractor, the difference between the price named in this Contract and the actual cost to the City to procure from an alternate source. Prices paid by the City will be considered the prevailing market price at the time such purchase is made.

15. Indemnity.

A. Indemnity*:* Contractor shall defend, hold harmless, and indemnify City, its officers, and employees, and each and every one of them, to the fullest extent permitted under law, from and against all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, and expenses of every type and description, whether arising on or off the site of the work or services performed under this Contract, including any fees and costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Claims"), including Claims for personal injury or death, damage to personal, real, or intellectual property, damage to the environment, contractual or other economic damages, or regulatory penalties, that arise out of, pertain to, or relate to any negligent act or omission, recklessness, or willful misconduct related in any way to the performance of or failure to perform this Contract by Contractor, any subcontractor (including lower-tier subcontractors) or agent of Contractor, their respective officers and employees, and anyone else for whose acts of omissions any of them may be liable, whether or not the Claims are litigated, settled, or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury

to persons, injury to property, or other loss, damage, or expense, to the extent arising from the active negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or independent contractors who are directly responsible to City, except when such agents, servants, or independent contractors are under the supervision and control of Contractor or any subcontractor (including lower-tier subcontractors) or agent of Contractor. While Contractor's defense costs ordinarily cannot exceed Contractor's proportionate percentage of fault, if one or more defendants is unable to pay its share of defense costs due to bankruptcy or dissolution, the Contractor shall meet and confer with the City and other parties regarding the unpaid defense costs.

B. Insurance Policies; Intellectual Property Claims*:* The existence or acceptance by City of any of the insurance policies or coverages described in this Contract will not affect or limit any of City's rights under this Section, nor will the limits of any insurance limit the liability of Contractor hereunder. This Section will not apply to any intellectual property claims, actions, lawsuits or other proceedings subject to the provisions of the Contractor Information Section, above.

C. Survival. The provisions of this section will survive any expiration or termination of this Contract.

16. Funding Availability.

A. This Contract is subject to the budget and fiscal provisions of the Charter and the Sacramento City Code.

B. The City's payment obligation under this Contract will not exceed the amount of funds appropriated and approved for this Contract by the Sacramento City Council.

C. This Section shall govern over any other contrary provision of the Contract.

17. Equal Employment Opportunity. During the performance of this Contract, CONTRACTOR, for itself, its assignees and successors in interest, agrees as follows:

A. Compliance With Regulations: CONTRACTOR shall comply with all state, local, and federal anti-discrimination laws and regulations, including the Executive Order 11246 entitled "Equal Opportunity in Federal Employment", as amended by Executive Order 11375, 12086, and 13672, and as supplemented in Department of Labor regulations (41 CFR Chapter 60), referred to collectively as the "Regulations."

B. Nondiscrimination: CONTRACTOR, with regards to the work performed by it after award and before completion of the work under this Contract, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation in selection and retention of subcontractors, including procurement of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in discrimination prohibited by the Regulations.

C. Solicitations for Subcontractors, Including Procurement of Materials and Equipment: In

all solicitations either by competitive bidding or negotiations made by CONTRACTOR for work to be performed under any subcontract, including all procurement of materials or equipment, each potential subcontractor or supplier shall be notified by CONTRACTOR of CONTRACTOR's obligation under this Contract and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation.

D. Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations, or by any orders or instructions issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the CITY to be pertinent to ascertain compliance with the Regulations, orders and instructions. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the CITY, and shall set forth what efforts it has made to obtain the information.

E. Sanctions for Noncompliance: In the event of noncompliance by CONTRACTOR with the nondiscrimination provisions of this Contract, the CITY shall impose any sanctions it determines are appropriate including:

(1) Withholding of payments to CONTRACTOR under this Contract until CONTRACTOR complies;
(2) Cancellation, termination, or suspension of this Contract, in whole or in part.

F. Incorporation of Provisions: CONTRACTOR shall include the provisions of subsections A through E, above, in every subcontract, including procurement of materials and leases of equipment, unless exempted by the Regulations, or by any order or instructions issued pursuant thereto. The City may direct CONTRACTOR to take specific actions to enforce these provisions, including sanctions for noncompliance; provided, however, that if CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, CONTRACTOR may request that the CITY join such litigation to protect the City's interests.

18. Entire Agreement. This Contract, including all Exhibits and documents referenced herein, contains the entire agreement between the parties and supersedes whatever oral or written understanding they may have had before the execution of this Contract. No alteration to the terms of this Contract shall be valid unless approved in writing by CONTRACTOR, and by CITY, in accordance with applicable provisions of the Sacramento City Code.

19. Modification of Contract. The Contractor shall take no direction from any City employee that changes the executed terms and conditions of the Contract, including Exhibit A, or any change that impacts the cost, price, or schedule, before receiving a written, signed modification to the Contract.

20. Severability. If a court with jurisdiction rules that any portion of this Contract or its application to any person or circumstance is invalid or unenforceable, the remainder of this Contract will not be affected thereby and will remain valid and enforceable as written, to the greatest extent permitted by law.

21. Waiver. Neither the CITY's acceptance of, or payment for, any Goods or Services, nor any waiver by either party of any default, breach or condition precedent, will be construed as a waiver of any provision of this Contract, nor as a waiver of any other default, breach or condition precedent or any other right hereunder. No waiver will be effective unless it is in writing and signed by the waiving party.

22. Governing Law. This Contract shall be governed, construed and enforced in accordance with the laws of the State of California, except that the rule of interpretation in California Civil Code section 1654 will not apply. Venue of any litigation arising out of this Contract will lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over their persons and over the subject matter of any such litigation in such courts, and consent to service of process issued by such courts.

23. Assignment Prohibited. The expertise and experience of CONTRACTOR are material considerations for this Contract. CITY has a strong interest in the qualifications and capability of the persons and entities that will fulfill the obligations imposed on CONTRACTOR under this Agreement. In recognition of this interest, CONTRACTOR shall not assign any right or obligation pursuant to this Contract without the written consent of the CITY. Any attempted or purported assignment without CITY's written consent shall be void and of no effect.

24. Binding Effect. This Contract is binding on the heirs, executors, administrators, successors and assigns of the parties, subject to the provisions of Section 23, above.

25. Compliance with Laws. The Contractor shall be responsible for strict compliance with all applicable laws, regulations, court orders and other legal requirements applicable to the work to be accomplished under the Contract, including the California Occupational Safety and Health Act and all applicable safety orders issued by the Division of Occupational Safety and Health, Department of Industrial Relations, State of California, and all applicable requirements of Underwriters Laboratories and the Federal Communication Commission.

26. Debarment Certification

A. Pursuant to 2 CFR, Part 200, and applicable Executive Orders, the City is restricted in its ability to contract with certain parties that are debarred, suspended, or otherwise excluded or ineligible for participating in Federal assistance programs or activities. By signing this Agreement, CONTRACTOR warrants and certifies under penalty of perjury under the laws of the State of California that Contractor, including any owner, partner, director, officer, or principal of the CONTRACTOR, or any person in a position with management responsibility or responsibility for the administration of federal funds:

(1) Is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department/agency;

(2) Has not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public transaction or contract (federal, state, or local); violation of federal or state antitrust statutes; or

commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, receiving stolen property, or other criminal felony;

(3) Is not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state, or local) with commission of any of the offenses enumerated in paragraph (b) above; or

(4) Has not, within a three-year period preceding this certification, had one or more public contracts (federal, state, or local) or transactions terminated for cause or default.

(5) Has not been notified, within a three-year period preceding this certification, been notified of any delinquent Federal taxes in an amount that exceeds $3,500 for which the liability remains unsatisfied. Federal taxes are considered delinquent if the tax liability has been finally determined and the taxpayer is delinquent in making payment, as defined in Section 52.209-5 of the Federal Acquisition Regulations.

B. CONTRACTOR further warrants and certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from covered transactions by any federal or state department/agency. Any exceptions to the warranties and certifications in this Section must be disclosed to the City.

C. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining Contractor's responsibility. Disclosures must indicate to whom exceptions apply, the initiating agency, and dates of action.

D. City will review the Federal Government's System for Award Management Exclusions maintained by the General Services Administration for eligibility, prior to the execution of this Agreement. The CONTRACTOR shall provide immediate written notice to the City if, at any time prior to execution, the CONTRACTOR learns this certification is erroneous or has become erroneous by reason of changed circumstances. If it is later determined that the Contractor's warranties and certification in this Section were erroneous, the City may terminate this Agreement for default.

EXHIBIT E

ADDITIONAL REQUIREMENTS FOR SURVEYING, MATERIAL TESTING, AND INSPECTION SERVICES

The Services provided under this Contract include land surveying, material testing, or inspection services provided for a City construction project during the design, pre-construction, construction, or post-construction phases of the project. Therefore, the services include "Public Work" under the California Labor Code and is subject to the following requirements:

A. Payment of Prevailing Wages: Contractor and any subcontractor(s) performing any Public Work shall comply with the provisions of Sacramento City Code section 3.60.040 and applicable provisions of the California Labor Code, which require, among other things, that CONTRACTOR and all subcontractors pay not less than the prevailing rate of wages, as determined by the Director of the California Department of Industrial Relations ("DIR") in accordance with California Labor Code section 1773. CONTRACTOR and every subcontractor shall maintain payroll records and submit certified payrolls and other labor compliance documentation electronically when and as required by CITY. In addition, Labor Code Section 1771.4 requires the CONTRACTOR and any subcontractor performing any Public Work to furnish electronic payroll records directly to the Labor Commissioner. Contractor shall include these requirements in every subcontract.

This Agreement is subject to compliance monitoring and enforcement by the DIR, as specified in California Labor Code section 1771.4. The Contractor and any subcontractor will be subject to withholding and penalties for violation of prevailing wage requirements in accordance with applicable law, including Labor Code Sections 1726, 1741, 1771.5, and 1775, and City Code Section 3.60.040. Questions regarding the City's Labor Compliance Program should be directed to the City Representative.

B. DIR Registration: California Labor Code Section 1725.5 requires the CONTRACTOR and all subcontractors performing Public Works services to be currently registered with the DIR, as specified in California Labor Code Section 1725.5. California Labor Code Section 1771.1 provides that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal (subject to the requirements of Section 4104 of the California Public Contract Code), or engage in the performance of any contract for Public Work, unless currently registered and qualified to perform Public Work in accordance with California Labor Code Section 1725.5.

Further information can be found on DIR's website at http://www.dir.ca.gov/Public-Works/Contractors.html. The above summary is provided solely for informational purposes and does not in any way affect the CONTRACTOR's and subcontractors' obligation to comply in all respects with all other applicable laws and regulations. The CONTRACTOR shall disseminate these provisions to all subcontractors.

Before the performance of work by Contractor or any subcontractor(s) under this Contract, Contractor shall furnish Contractor's and any subcontractors' current DIR

registration number(s). The Contractor's current DIR registration number and the current DIR registration number of all subcontractors will be listed on the Subcontractor and LBE Participation Verification Form, incorporated herein.

To be completed by the City Representative if this Agreement is for the performance of any Public Work:

Contractor DIR registration #:
HDR: 1000025270
DFV Cable: 1001015292
Integrity Data & Fiber: 1000001069
Twining: 1000010826

C. Workers' Compensation Certification. In accordance with California Labor Code Section 1861, by signing this Contract, Contractor acknowledges and represents that Contractor is aware of the provisions of section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and that Contractor will comply with the provisions of the Labor Code before commencing performance under this Contract.

D. Apprentices. If this Contract is for the performance of any Public Work, and the amount of the Contract is $30,000 or more, the Contractor and any subcontractors performing any Public Work under this Contract must comply with and be subject to enforcement under, the provisions of Sacramento City Code Section 3.60.050, Section 1777.5 et seq. of the California Labor Code, and implementing regulations set forth in Title 8 of the California Code of Regulations, governing the employment of apprentices. The Contractor and any subcontractors performing Public Work will be subject to penalties for apprenticeship violations in accordance with Labor Code Section 1777.7.

E. Working Hours. If this Contract is for the performance of any Public Work, Contractor and any subcontractors performing any Public Work under this Contract must comply with and be subject to enforcement under, the provisions of Sacramento City Code Section 3.60.040 and California Labor Code Section 1810 et seq., governing the working hours of employees performing Public Work.

F. Failure to Comply with Labor Compliance. If all applicable labor compliance requirements are not met, the City will have the right to withhold or reject a payment request and/or invoice, in whole or in part, without in any way relieving Contractor or its subcontractors of any obligations under this Contract.

G. Subcontractors. The Contractor shall include these provisions A through F in every subcontract or sub-agreement for any subcontractors performing work under this Contract.

"General Decision Number: CA20260007 01/09/2026

Superseded General Decision Number: CA20250007

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only); DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/02/2026
1	01/09/2026

ASBE0016-001 01/01/2024

AREA 1: MARIN, NAPA, SAN BENITO, SAN FRANCISCO, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHEMA, TRINITY, YOLO, & YUBA COUNTIES

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems)		
Area 1	$ 84.76	25.07
Area 2	$ 64.56	25.07

ASBE0016-007 05/01/2025

AREA 1 : ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

AREA 2: MARIN & NAPA COUNTIES

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal,		

scrapping, vacuuming, bagging
and disposing of all
insulation materials from
mechanical systems, whether
they contain asbestos or not)
AREA 1.....$ 35.31 12.75
AREA 2.....$ 44.73 12.75

BOIL0549-002 01/01/2021

	Rates	Fringes
BOILERMAKER		
(1) Marin & Solano Counties	$ 49.62	41.27
(2) Remaining Counties	$ 45.60	38.99

BRCA0003-001 08/01/2024

	Rates	Fringes
MARBLE FINISHER	$ 42.06	19.80

BRCA0003-004 05/01/2024

AREA 1: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2: MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
BRICKLAYER		
AREA 1	$ 52.76	25.01
AREA 2	$ 57.02	28.50

SPECIALTY PAY:
(A) Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit shall be paid $1.25 per hour above the regular rate. Work in direct contact with raw sewage shall receive $1.25 per hour in addition to the above.
(B) Operating a saw or grinder shall receive $1.25 per hour above the regular rate.
(C) Gunite nozzle person shall receive $1.25 per hour above the regular rate.

BRCA0003-008 07/01/2024

	Rates	Fringes
TERRAZZO FINISHER	$ 44.93	20.98
TERRAZZO WORKER/SETTER	$ 60.58	29.79

BRCA0003-010 04/01/2024

	Rates	Fringes
TILE FINISHER		
Area 1	$ 35.00	17.44
Area 2	$ 34.76	19.22
Area 3	$ 37.75	19.28

Area 4	$ 35.78	19.23
Tile Layer		
Area 1	$ 55.55	21.08
Area 2	$ 55.17	22.52
Area 3	$ 59.92	22.62
Area 4	$ 56.79	22.54

AREA 1: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehema, Yolo, Yuba
AREA 2: Alpine, Amador
AREA 3: Marin, Napa, Solano, Siskiyou
AREA 4: Sonoma

BRCA0003-014 08/01/2024

	Rates	Fringes
MARBLE MASON	$ 61.72	30.31

CARP0034-001 07/01/2021

	Rates	Fringes
Diver		
Assistant Tender, ROV Tender/Technician	$ 54.10	34.69
Diver standby	$ 60.51	34.69
Diver Tender	$ 59.51	34.69
Diver wet	$ 103.62	34.69
Manifold Operator (mixed gas)	$ 64.51	34.69
Manifold Operator (Standby)	$ 59.51	34.69

DEPTH PAY (Surface Diving):
050 to 100 ft $2.00 per foot
101 to 150 ft $3.00 per foot
151 to 220 ft $4.00 per foot
221 ft.-deeper $5.00 per foot

SATURATION DIVING:
The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:
Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: $1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48"" in height, the premium will be $1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:
Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

CARP0034-003 07/01/2021

	Rates	Fringes
Piledriver	$ 54.10	34.69

CARP0035-001 08/01/2020

AREA 1: MARIN, NAPA, SOLANO & SONOMA

AREA 3: SACRAMENTO, WESTERN EL DORADO (Territory west of an including highway 49 and the territory inside the city limits of Placerville), WESTERN PLACER (Territory west of and including highway 49), & YOLO

AREA 4: ALPINE, BUTTE, COLUSA, EASTERN EL DORADO, GLENN, LASSEN, MODOC, NEVADA, EASTERN PLACER, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, & YUBA

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1	$ 52.65	31.26
Area 3	$ 47.27	31.26
Area 4	$ 45.92	31.26
Drywall Stocker/Scrapper		
Area 1	$ 26.33	18.22
Area 3	$ 23.64	18.22
Area 4	$ 22.97	18.22

CARP0035-009 07/01/2020

Marin County

	Rates	Fringes
CARPENTER		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 52.80	30.82
Journeyman Carpenter	$ 52.65	30.82
Millwright	$ 52.75	32.41

CARP0035-010 07/01/2020

AREA 1: Marin, Napa, Solano & Sonoma Counties

AREA 2: Monterey, San Benito and Santa Cruz

AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo & Yuba counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer	$ 28.76	22.53
Lead Installer	$ 32.21	23.03
Master Installer	$ 36.43	23.03

Area 2		
Installer	$ 26.11	22.53
Lead Installer	$ 29.08	23.03
Master Installer	$ 32.71	23.03
Area 3		
Installer	$ 25.16	22.53
Lead Installer	$ 27.96	23.03
Master Installer	$ 31.38	23.03

CARP0046-001 07/01/2023

El Dorado (West), Placer (West), Sacramento and Yolo Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 60.39	33.52
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 54.66	33.52
Journeyman Carpenter	$ 54.51	33.52
Millwright	$ 57.01	35.11

Footnote: Placer County (West) includes territory West of and including Highway 49 and El Dorado County (West) includes territory West of and including Highway 49 and territory inside the city limits of Placerville.

CARP0046-002 07/01/2023

Alpine, Colusa, El Dorado (East), Nevada, Placer (East), Sierra, Sutter and Yuba Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 60.39	33.52
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 53.31	33.52
Journeyman Carpenter	$ 53.16	33.52
Millwright	$ 55.66	35.11

CARP0152-003 07/01/2020

Amador County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 45.57	30.82

Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

CARP0180-001 07/01/2021

Solano County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 55.00	31.49
Journeyman Carpenter	$ 54.85	31.49
Millwright	$ 54.95	33.08

CARP0751-001 07/01/2021

Napa and Sonoma Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 55.00	31.49
Journeyman Carpenter	$ 54.85	31.49
Millwright	$ 54.95	33.08

CARP1599-001 07/01/2020

Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 45.57	30.82
Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

ELEC0180-001 06/01/2025

NAPA AND SOLANO COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 69.26	3%+29.28
ELECTRICIAN	$ 61.56	3%+29.28

ELEC0180-003 12/01/2025

NAPA AND SOLANO COUNTIES

	Rates	Fringes
Sound & Communications		
Installer	$ 53.08	30.84
Technician	$ 61.04	31.08

SCOPE OF WORK INCLUDES-
SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-
Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

ELEC0340-002 03/01/2025

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, NEVADA, PLACER, PLUMAS, SACRAMENTO, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
Communications System		
Sound & Communications Installer	$ 40.00	25.50
Sound & Communications Technician	$ 46.00	25.68

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS
Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS
Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS Perimeter security systems Vibration sensor systems Card access systems Access control systems Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems VSAT Data Systems Data Communication Systems RF and Remote Control Systems Fiber Optic Data Systems WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:
1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

ELEC0340-003 08/01/2025

ALPINE (West of Sierra Mt. Watershed), AMADOR, BUTTE, COLUSA, EL DORADO (West of Sierra Mt. Watershed), GLENN, LASSEN, NEVADA (West of Sierra Mt. Watershed), PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA (West of Sierra Mt. Watershed), SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
ELECTRICIAN		
Remaining area	$ 52.70	38.68
Sierra Army Depot, Herlong	$ 48.83	18.54
Tunnel work	$ 41.01	18.54

CABLE SPLICER: Receives 110% of the Electrician basic hourly rate.

ELEC0401-005 01/01/2025

ALPINE (east of the main watershed divide), EL DORADO (east of the main watershed divide), NEVADA (east of the main watershed), PLACER (east of the main watershed divide) and SIERRA (east of the main watershed divide) COUNTIES:

	Rates	Fringes

ELECTRICIAN.....$ 48.50 23.04

ZONE RATE:

70-90 miles - $10.00 per hour
91+ miles - $15.00 per hour

ELEC0551-004 06/01/2024

MARIN AND SONOMA COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 59.17	32.04

ELEC0551-005 12/01/2025

MARIN & SONOMA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer	$ 53.08	30.84
Technician	$ 61.04	31.08

SCOPE OF WORK INCLUDES-
SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-
Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

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* ELEC0659-006 01/01/2026

MODOC and SISKIYOU COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 47.04	21.84

ELEC0659-008 02/01/2023

DEL NORTE, MODOC & SISKIYOU COUNTIES

	Rates	Fringes
Line Construction		
(1) Cable Splicer	$ 67.80	4.5%+22.15
(2) Lineman, Pole Sprayer, Heavy Line Equipment Man	$ 60.54	4.5%+22.15

(3) Tree Trimmer.....$ 37.84 4.5%+14.30
(4) Line Equipment Man.....$ 53.82 4.5%+19.40
(5) Powdermen, Jackhammermen.....$ 40.37 4.5%+14.30
(6) Groundman.....$ 33.37 4.5%+14.30

ELEC1245-004 01/01/2025

ALL COUNTIES EXCEPT DEL NORTE, MODOC & SISKIYOU

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer	$ 70.16	24.71
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment)	$ 53.30	22.26
(3) Groundman	$ 40.76	21.76
(4) Powderman	$ 51.87	18.79

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and day after Thanksgiving, Christmas Day

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ELEV0008-001 01/01/2025

	Rates	Fringes
ELEVATOR MECHANIC	$ 84.05	38.435+a+b

FOOTNOTE:
a. PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.
b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

ENGI0003-008 08/01/2024

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman	$ 60.61	39.55
(2) Dredge Dozer; Heavy duty repairman	$ 55.65	39.55
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator	$ 54.53	39.55
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler	$ 51.23	39.55
AREA 2:		
(1) Leverman	$ 62.61	39.55

(2) Dredge Dozer; Heavy duty repairman	$ 57.65	39.55
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator	$ 56.53	39.55
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler	$ 53.23	39.55

AREA DESCRIPTIONS

AREA 1: ALAMEDA,BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINGING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:
Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:
Area 1: Remainder
Area 2: Eastern part

COLUSA COUNTY:
Area 1: Eastern part
Area 2: Remainder

ELDORADO COUNTY:
Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY:
Area 1: Remainder
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

LASSEN COUNTY:
Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

MONTERREY COUNTY
Area 1: Except Southwestern part
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of

Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: Al but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:
Area 1: All but the Northwestern corner
Area 2: Remainder

TEHAMA COUNTY:
Area 1: All but the Western border with Mendocino & Trinity Counties
Area 2: Remainder

TRINITY COUNTY:
Area 1: East Central part and the Northeastern border with Shasta County
Area 2: Remainder

TUOLUMNE COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

ENGI0003-019 06/30/2025

SEE AREA DESCRIPTIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (LANDSCAPE WORK ONLY)		
GROUP 1		
AREA 1	$ 55.85	28.56
AREA 2	$ 57.85	28.56
GROUP 2		
AREA 1	$ 52.25	28.56
AREA 2	$ 54.25	28.56
GROUP 3		
AREA 1	$ 47.64	28.56
AREA 2	$ 49.64	28.56

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:
Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:
Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:
Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:
Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:
Area 1: Western part along the Southern portion of border with Shasta County

Area 2: Remainder

MADERA COUNTY
Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Remainder
Area 2: Eastern part

MENDOCINO COUNTY:
Area 1: Central and Southeastern parts
Area 2: Remainder

MONTEREY COUNTY
Area 1: Remainder
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:
Area 1: All but the Northwestern corner
Area 2: Reaminder

TEHAMA COUNTY:
Area 1: All but the Western border with mendocino & Trinity Counties
Area 2: Remainder

TRINITY COUNTY:
Area 1: East Central part and the Northeaster border with Shasta County
Area 2: Remainder

TULARE COUNTY;
Area 1: Remainder
Area 2: Eastern part

TUOLUMNE COUNTY:
Area 1: Remainder
Area 2: Eastern Part

ENGI0003-038 06/30/2025

""AREA 1"" WAGE RATES ARE LISTED BELOW

""AREA 2"" RECEIVES AN ADDITIONAL $2.00 PER HOUR ABOVE AREA 1 RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1	$ 66.96	32.53
GROUP 2	$ 65.43	32.53
GROUP 3	$ 63.95	32.53
GROUP 4	$ 62.57	32.53
GROUP 5	$ 61.30	32.53
GROUP 6	$ 59.98	32.53
GROUP 7	$ 58.84	32.53
GROUP 8	$ 57.70	32.53
GROUP 8-A	$ 55.49	32.53
OPERATOR: Power Equipment (Cranes and Attachments - AREA 1:)		
GROUP 1		
Cranes	$ 68.59	32.53
Oiler	$ 43.79	31.15
Truck crane oiler	$ 46.08	31.15
GROUP 2		
Cranes	$ 66.08	32.53
Oiler	$ 42.83	31.15
Truck crane oiler	$ 45.07	31.15
GROUP 3		
Cranes	$ 64.34	32.53
Hydraulic	$ 60.61	32.53
Oiler	$ 42.55	31.15
Truck crane oiler	$ 44.83	31.15
GROUP 4		
Cranes	$ 61.30	32.53
OPERATOR: Power Equipment (Piledriving - AREA 1:)		
GROUP 1		
Lifting devices	$ 52.64	31.15
Oiler	$ 43.38	31.15
Truck Crane Oiler	$ 45.66	31.15
GROUP 2		
Lifting devices	$ 50.82	31.15
Oiler	$ 43.11	31.15
Truck Crane Oiler	$ 45.41	31.15
GROUP 3		
Lifting devices	$ 49.14	31.15
Oiler	$ 42.89	31.15
Truck Crane Oiler	$ 45.12	31.15
GROUP 4		
Lifting devices	$ 47.37	31.15
GROUP 5		
Lifting devices	$ 44.73	31.15
GROUP 6		
Lifting devices	$ 42.50	31.15
OPERATOR: Power Equipment (Steel Erection - AREA 1:)		
GROUP 1		

Cranes	$ 68.81	32.53
Oiler	$ 43.72	31.15
Truck Crane Oiler	$ 45.95	31.15
GROUP 2		
Cranes	$ 67.04	32.53
Oiler	$ 43.45	31.15
Truck Crane Oiler	$ 45.73	31.15
GROUP 3		
Cranes	$ 65.56	32.53
Hydraulic	$ 45.07	31.15
Oiler	$ 43.23	31.15
Truck Crane Oiler	$ 45.46	31.15
GROUP 4		
Cranes	$ 63.54	32.53
GROUP 5		
Cranes	$ 62.24	32.53
OPERATOR: Power Equipment (Tunnel and Underground Work - AREA 1:)		
SHAFTS, STOPES, RAISES:		
GROUP 1	$ 63.06	32.53
GROUP 1-A	$ 65.53	32.53
GROUP 2	$ 61.80	32.53
GROUP 3	$ 60.47	32.53
GROUP 4	$ 59.33	32.53
GROUP 5	$ 58.19	32.53
UNDERGROUND:		
GROUP 1	$ 62.96	32.53
GROUP 1-A	$ 65.43	32.53
GROUP 2	$ 61.70	32.53
GROUP 3	$ 60.37	32.53
GROUP 4	$ 59.23	32.53
GROUP 5	$ 58.09	32.53

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: $.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu.

yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber- tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed constuction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom- type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self- propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical

trench shield; Pavement breaker with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing mahcine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck- type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under;

GROUP 4: Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons;

PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator

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AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS,TUNNEL AND

UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: DEL NORTE, HUMBOLDT, LAKE, MENDOCINO
AREA 2 -NOTED BELOW

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

DEL NORTE COUNTY:
Area 1: Extreme Southwest corner
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

MENDOCINO COUNTY:
Area 1: Central and Southeastern Parts
Area 2: Remainder

IRON0118-012 01/01/2025

ALPINE, LASSEN, MODOC, SISKIYOU and TRINITY COUNTIES

	Rates	Fringes
IRONWORKER	$ 43.75	34.45

IRON0118-013 01/01/2025

AMADOR, BUTTE, COLUSA,EL DORADO, GLENN,MARIN, NAPA, NEVADA, PLACER,PLUMAS, SACRAMENTO, SHASTA, SIERRA, SOLANO, SONOMA, SUTTER, TEHAMA, YOLO and YUBA COUNTIES

	Rates	Fringes
IRONWORKER	$ 50.70	35.15

LABO0067-003 07/01/2024

AREA ""1"" - MARIN and NAPA COUNTIES

AREA ""2"" - ALPINE, AMADOR, BUTTE COLUSA EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
LABORER (ASBESTOS/MOLD/LEAD LABORER)		
Marin and Napa Counties	$ 37.75	29.69
Remaining Counties	$ 36.75	29.69

LABO0067-005 01/01/2024

AREA ""A"" - ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND

SANTA CLARA COUNTIES

AREA ""B"" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NEVADA, PLACER, PLUMAS, SANCREMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SIERRA, SHASTA, SISKIYOU, STANISLAUS, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YOUBA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A	$ 37.26	27.32
Area B	$ 36.26	27.32
Traffic Control Person I		
Area A	$ 37.56	27.32
Area B	$ 36.56	27.32
Traffic Control Person II		
Area A	$ 35.06	27.32
Area B	$ 34.06	27.32

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0185-002 07/01/2023

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 36.29	25.55

LABO0185-005 06/26/2023

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 45.89	27.72
GROUP 2	$ 45.66	27.72
GROUP 3	$ 45.41	27.72
GROUP 4	$ 44.96	27.72
GROUP 5	$ 44.42	27.72
Shotcrete Specialist	$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0185-006 06/26/2023

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHIASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist Group	$ 36.20	27.30
GROUP 1	$ 35.50	27.30
GROUP 1-a	$ 35.72	27.30
GROUP 1-c	$ 35.55	27.30
GROUP 1-e	$ 36.05	27.30
GROUP 1-f	$ 30.37	23.20
GROUP 2	$ 35.35	27.30
GROUP 3	$ 35.25	27.30
GROUP 4	$ 28.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA B:)		
(1) New Construction	$ 35.25	27.30
(2) Establishment Warranty Period	$ 28.94	27.30
LABORER (GUNITE - AREA B:)		
GROUP 1	$ 36.46	27.30
GROUP 2	$ 35.96	27.30
GROUP 3	$ 35.37	27.30
GROUP 4	$ 35.25	27.30
LABORER (WRECKING - AREA B:)		
GROUP 1	$ 35.50	27.30
GROUP 2	$ 35.35	27.30

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a

below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage

rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0185-008 07/01/2023

	Rates	Fringes
Plasterer tender	$ 39.77	28.54

Work on a swing stage scaffold: $1.00 per hour additional.

LABO0261-002 07/01/2023

MARIN COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person	$ 37.26	27.30
Traffic Control Person I	$ 37.56	27.30
Traffic Control Person II	$ 35.06	27.30

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0261-004 06/26/2023

MARIN COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 45.89	27.72
GROUP 2	$ 45.66	27.72
GROUP 3	$ 45.41	27.72
GROUP 4	$ 44.96	27.72
GROUP 5	$ 44.42	27.72
Shotcrete Specialist	$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0261-007 07/01/2023

MARIN COUNTY

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 37.54	25.55

LABO0261-010 06/26/2023

MARIN COUNTY

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA A:)		
Construction Specialist Group	$ 37.20	27.30
GROUP 1	$ 36.50	27.30
GROUP 1-a	$ 36.72	27.30
GROUP 1-c	$ 36.55	27.30
GROUP 1-e	$ 37.05	27.30
GROUP 1-f	$ 31.37	23.20
GROUP 2	$ 36.35	27.30
GROUP 3	$ 36.25	27.30
GROUP 4	$ 29.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA A:)		
(1) New Construction	$ 36.25	27.30
(2) Establishment Warranty Period	$ 29.94	27.30
LABORER (GUNITE - AREA A:)		
GROUP 1	$ 37.46	27.30
GROUP 2	$ 36.96	27.30
GROUP 3	$ 36.37	27.30
GROUP 4	$ 36.25	27.30

LABORER (WRECKING - AREA A:)

GROUP 1	$ 36.50	27.30
GROUP 2	$ 36.35	27.30

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for

such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

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GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be

salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0261-015 07/01/2023

	Rates	Fringes
Plasterer tender	$ 39.77	28.54

Work on a swing stage scaffold: $1.00 per hour additional.

LABO0324-004 07/01/2023

NAPA, SOLANO, AND SONOMA, COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person	$ 36.26	27.30
Traffic Control Person I	$ 36.56	27.30
Traffic Control Person II	$ 34.06	27.30

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0324-008 06/26/2023

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes

Tunnel and Shaft Laborers:

GROUP 1	$ 45.89	27.72
GROUP 2	$ 45.66	27.72
GROUP 3	$ 45.41	27.72
GROUP 4	$ 44.96	27.72
GROUP 5	$ 44.42	27.72
Shotcrete Specialist	$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0324-010 07/01/2023

SOLANO AND SONOMA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 36.84	26.24

LABO0324-013 06/26/2023

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist Group	$ 36.20	27.30
GROUP 1	$ 35.50	27.30
GROUP 1-a	$ 35.72	27.30
GROUP 1-c	$ 35.55	27.30
GROUP 1-e	$ 36.05	27.30
GROUP 1-f	$ 36.08	27.30
GROUP 2	$ 35.35	27.30
GROUP 3	$ 35.25	27.30
GROUP 4	$ 28.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE		

LABORERS - AREA B:)		
(1) New Construction	$ 35.25	27.30
(2) Establishment Warranty Period	$ 28.94	27.30
LABORER (GUNITE - AREA B:)		
GROUP 1	$ 36.46	27.30
GROUP 2	$ 35.96	27.30
GROUP 3	$ 35.37	27.30
GROUP 4	$ 35.25	27.30
LABORER (WRECKING - AREA B:)		
GROUP 1	$ 35.50	27.30
GROUP 2	$ 35.35	27.30

FOOTNOTES:
Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos

and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or

similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0324-019 07/01/2023

	Rates	Fringes
Plasterer tender	$ 39.77	28.54

Work on a swing stage scaffold: $1.00 per hour additional.

PAIN0016-004 01/01/2025

MARIN, NAPA, SOLANO & SONOMA COUNTIES

	Rates	Fringes
Painters:	$ 53.38	28.04

PREMIUMS:
EXOTIC MATERIALS - $1.25 additional per hour.
SPRAY WORK: - $0.50 additional per hour.
INDUSTRIAL PAINTING - $0.25 additional per hour
[Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:

over 50 feet - $2.00 per hour additional
100 to 180 feet - $4.00 per hour additional
Over 180 feet - $6.00 per houir additional

PAIN0016-005 01/01/2025

ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
DRYWALL FINISHER/TAPER	$ 59.63	31.29

PAIN0016-007 01/01/2025

ALPINE, AMADOR, BUTTE, COLUSA. EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Highway 395, excluding Honey Lake), MODOC, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
Painters:	$ 43.45	22.80

SPRAY/SANDBLAST: $0.50 additional per hour.
EXOTIC MATERIALS: $1.25 additional per hour.
HIGH TIME: Over 50 ft above ground or water level $2.00 additional per hour. 100 to 180 ft above ground or water level $4.00 additional per hour. Over 180 ft above ground or water level $6.00 additional per hour.

PAIN0016-008 01/01/2024

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER	$ 59.00	33.03

PAIN0169-004 01/01/2024

MARIN , NAPA & SONOMA COUNTIES; SOLANO COUNTY (west of a line defined as follows: Hwy. 80 corridor beginning at the City of Fairfield, including Travis Air Force Base and Suisun City; going north of Manakas Corner Rd., continue north on Suisun Valley Rd. to the Napa County line; Hwy. 80 corridor south on Grizzly Island Rd. to the Grizzly Island Management area)

	Rates	Fringes
GLAZIER	$ 56.22	34.00

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* PAIN0567-001 07/01/2025

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Painters:		
Brush and Roller	$ 39.43	16.16
Paperhanger	$ 42.19	16.16
Spray Painter	$ 41.43	16.16

PREMIUMS:
Special Coatings (Brush), and Sandblasting = $0.50/hr
Special Coatings (Spray), and Steeplejack = $1.00/hr
Special Coating Spray Steel = $1.25/hr
Swing Stage = $2.00/hr

*A special coating is a coating that requires the mixing of 2 or more products.

PAIN0567-007 07/01/2022

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains) AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
SOFT FLOOR LAYER	$ 34.27	16.47

PAIN0567-010 07/01/2024

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Drywall		
(1) Taper	$ 42.79	16.12
(2) Steeplejack - Taper, over 40 ft with open space below	$ 44.29	16.12

PAIN0767-004 01/01/2024

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO (Remainder), SUTTER, TEHAMA, TRINITY, YOLO, YUBA

	Rates	Fringes
GLAZIER	$ 43.25	35.62

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive $1.50 per hour above the basic hourly rate at any elevation.

PAIN1176-001 07/01/2022

HIGHWAY IMPR0VEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1	$ 40.83	17.62
GROUP 2	$ 34.71	17.62
GROUP 3	$ 35.11	17.62

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

PAIN1237-001 01/01/2024

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER	$ 48.54	26.59

PLAS0300-003 07/01/2018

	Rates	Fringes
PLASTERER		
AREA 295: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehema, Trinity, Yolo & Yuba Counties	$ 32.70	31.68
AREA 355: Marin	$ 36.73	31.68
AREA 355: Napa & Sonoma		

Counties.....$ 32.70 31.68

PLAS0300-005 07/01/2016

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 32.15	23.27

PLUM0038-002 07/01/2025

MARIN AND SONOMA COUNTIES

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter)		
(1) Work on wooden frame structures 5 stories or less excluding high-rise buildings and commercial work such as hospitals, prisons, hotels, schools, casinos, wastewater treatment plants, and resarch facilities as well as refrigeration pipefitting, service and repair work - MARKET RECOVERY RATE	$ 69.70	46.38
(2) All other work - NEW CONSTRUCTION RATE	$ 91.00	49.40

PLUM0038-006 07/01/2025

MARIN & SONOMA COUNTIES

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter)	$ 77.35	36.53

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* PLUM0228-001 01/01/2026

BUTTE, COLUSA, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY & YUBA COUNTIES

	Rates	Fringes
PLUMBER	$ 52.75	41.39

PLUM0343-001 07/01/2025

NAPA AND SOLANO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Light Commercial	$ 30.85	20.40
All Other Work	$ 71.60	38.38

DEFINITION OF LIGHT COMMERICIAL:
Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total

plumbing bid does not exceed Two Hundred and Fifty Thousand ($250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand ($250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand ($250,000) for the plumbing bid; and Two Hundred Fifty Thousand ($250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects, regardless size of the project

FOOTNOTES: While fitting galvanized material: $.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: $.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: $.75 per hour additional.

PLUM0350-001 08/01/2023

EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

	Rates	Fringes
PLUMBER/PIPEFITTER	$ 52.14	18.71

PLUM0355-001 07/01/2025

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Underground Utility Worker /Landscape Fitter	$ 36.01	18.50

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* PLUM0442-003 01/01/2026

AMADOR (South of San Joaquin River) and ALPINE COUNTIES

	Rates	Fringes
PLUMBER	$ 58.45	38.74

PLUM0447-001 07/01/2025

AMADOR (north of San Joaquin River), EL DORADO (excluding Lake Tahoe area), NEVADA (excluding Lake Tahoe area); PLACER (excluding Lake Tahoe area), SACRAMENTO AND YOLO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Journeyman	$ 67.37	30.00
Light Commercial Work	$ 55.58	24.02

ROOF0081-006 08/01/2024

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Roofer	$ 54.94	23.34

ROOF0081-007 08/01/2023

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN,LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Roofer	$ 46.73	21.36

* SFCA0483-003 01/01/2026

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers)	$ 81.54	41.35

SFCA0669-003 04/01/2025

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
SPRINKLER FITTER	$ 52.06	28.56

SHEE0104-006 06/29/2020

MARIN, NAPA, SOLANO SONOMA & TRINITY COUNTIES

	Rates	Fringes
Sheet Metal Worker		
Mechanical Contracts		
$200,000 or less	$ 55.92	45.29
All other work	$ 64.06	46.83

SHEE0104-009 07/01/2021

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER, YOLO AND YUBA COUNTIES

	Rates	Fringes
SHEET METAL WORKER	$ 47.85	41.90

SHEE0104-010 07/01/2020

AlPINE COUNTY

	Rates	Fringes
SHEET METAL WORKER	$ 43.50	37.42

SHEE0104-011 07/01/2020

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal decking and siding only)	$ 44.45	35.55

SHEE0104-014 07/01/2020

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only)	$ 44.45	35.55

SHEE0104-019 07/01/2020

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU AND TEHAMA COUNTIES

	Rates	Fringes
SHEET METAL WORKER		
Mechanical Jobs $200,000 & under	$ 35.16	35.88
Mechanical Jobs over $200,000	$ 46.60	40.21

TEAM0094-001 07/01/2025

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 43.26	34.28
GROUP 2	$ 43.56	34.28
GROUP 3	$ 43.86	34.28
GROUP 4	$ 44.21	34.28
GROUP 5	$ 44.56	34.28

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.
Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot

car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and ""A"" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self- propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information

on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number

used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys

Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

City of SACRAMENTO
Finance Department

BUSINESS OPERATIONS TAX CERTIFICATE

Business Name	**HDR CONSTRUCTION CONTROL CORPORATION**
Business Address	**1 CAPITOL MALL STE 500**
Owner	**HDR CONSTRUCTION CONTROL CORPORATION**
Type of Business	**Professional & Semi-Professional**
Tax Classification	**Gross Receipts**
Expires	**12/31/2026**
Mailing Address	**HDR CONSTRUCTION CONTROL CORPORATION** **1917 S 67TH ST** **OMAHA, NE 68106-2973**

1112827



1112827

TOTAL PAID:
$749.73

THIS STUB MAY BE FOLDED/DETACHED BEFORE POSTING

MUST BE POSTED IN CONSPICUOUS PLACE

This certificate is not to be construed as a business license or imply that the City of Sacramento has investigated, or approves or recommends, the holder of this certificate. Any representation to the contrary is fraudulent. This certificate must be renewed within 30 days of expiration.

Starting January 1, 2021, Assembly Bill 1607 requires the prevention of gender-based discrimination of business establishments. A full notice is available in English or other languages by going to: https://www.dca.ca.gov/publications/

Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See ***Specific Instructions*** on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

HDR CONSTRUCTION CONTROL CORPORATION

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☐ C corporation ☒ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

5 Address (number, street, and apt. or suite no.). See instructions.

1917 S 67th ST

Requester's name and address (optional)

6 City, state, and ZIP code

OMAHA NE 68106-2973

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			-			-				

or

Employer identification number

4	7	-	0	7	4	1	2	3	2

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here | **Signature of U.S. person** | **ASSISTANT TREASURER** | **Date** 05/12/2026

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

TAXABLE YEAR

CALIFORNIA FORM

2026 Withholding Exemption Certificate 590

The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.

Withholding Agent Information

Name

CITY OF SACRAMENTO

Payee Information

Name

HDR CONSTRUCTION CONTROL CORPORATION

☐ SSN or ITIN ☑ FEIN ☐ CA Corp no. ☐ CA SOS file no.

47-0741232

Address (apt./ste., room)

1917 S. 67th STREET

City (If you have a foreign address, see instructions.)	State	ZIP code
OMAHA	NE	68106

Exemption Reason

Check only one box.

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

☐ **Individuals — Certification of Residency:**
I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☑ **Corporations:**
The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☐ **Partnerships or Limited Liability Companies (LLCs):**
The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

☐ **Tax-Exempt Entities:**
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 _____ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

☐ **Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:**
The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

☐ **California Trusts:**
At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

☐ **Estates — Certification of Residency of Deceased Person:**
I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

☐ **Nonmilitary Spouse of a Military Servicemember:**
I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

Our privacy notice can be found in annual tax booklets or online. Go to **ftb.ca.gov/privacy** to learn about our privacy policy statement, or go to **ftb.ca.gov/forms** and search for **1131** to locate FTB 1131 EN-SP, Franchise Tax Board Privacy Notice on Collection. To request this notice by mail, call 800.338.0505 and enter form code **948** when instructed.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title JOSEPH R. COX, ASSISTANT TREASURER Telephone (402) 926-7044

Payee's signature ▶ _____ Date 05/12/2026

SIGNATURES

The parties have signed this Contract, effective as of the day and year first stated above.

CONTRACTOR

Under penalty of perjury, I certify that the information provided here is correct.

Signature: Jason Tom, PE
Jason Tom, PE (May 27, 2026 08:43:05 PDT)

Title: Senior Vice President

Additional Signature (if required):

Title:

CITY OF SACRAMENTO

A Municipal Corporation

APPROVED AS TO FORM:

Signature:
Michael Fry (May 27, 2026 11:08:19 PDT)

Title: Senior Deputy City Attorney

Reviewed By:

Signature:

Title:

Approved By:

Signature:

Title:

Additional Signature (if required):

Title:

City of SACRAMENTO

Contract Routing Sheet

☐ **Payment / Performance Bond Only**

General Routing Information

Department: Public Works Department

Contract Coordinator: CHRISTIAN CAMPOS Email: CACampos@cityofsacramento.org

Effective Date: Expiration Date:

Grant/Project Name: On-Call Contractor SVS for Traffic Signal & ST Light Mainenance, Repair, & Mod

Other Party: Bear Electrical Solutions, Inc.

Original Not to Exceed Amount: $ 3,000,000.00

Assessor's Parcel Number(s): N/A

Project Number: 15001951 Bid/RFQ/RFP#: Q23151131028

Supplements/Addendums/Change Orders ☑

Adjusted Amount of this Change (+/-): $ 500,000.00 New Not to Exceed Amount: $ 3,500,000.00

Change In Scope: Yes

Original Contract Number: 2023-1076 Supplement Number: 01

Council Approval ☑

Original Meeting Date: 08/15/2023 Council File ID: 2023-00957

Supplement Meeting Date: 06/09/2026 Council File ID: 2026-00975

Processing Information

- ☐ Clerk's Office to Mail for Recording
- ☐ Return to Dept for Other Party Signature
- ☐ Real Estate
- ☐ Return to Dept for Recording
- ☐ Construction Related
- ☐ Additional Originals Attached – Return to Dept.

Add notes/instructions, including any other contract or council file ID numbers related to this agreement:

Signing Authority - Department Directors up to $100K; $100K -$250K City Manager or Assistant City Manager; $250K+ Council Approval & Council Appointee or designee.

Department Review and Routing 05/06/2026

AB 339 Review Confirmation (if needed) N/A

Sign CONTRACTS: Christian Campos

Sign PROJECT MANAGER:

Sign SUPERVISOR:

Sign DIVISION MANAGER:

Sign

CONTRACT #: **2023-1076** DATE: 06/09/2026
AMENDMENT #: **01** PROJECT: **15001951**
CONTRACT NAME: **On-Call Contractor SVS for Traffic Signal & St Light Maintenance, Repair, & Modification** SOLICITATION: **Q23151131028**
NOT TO EXCEED AMOUNT (INCLUDING SUPPLEMENTS): **$ 3,500,000.00** MOTION / DATE OR FILE ID: 2026-00975

CITY OF SACRAMENTO

CONTRACT AMENDMENT
CHANGE IN SCOPE AND NOT-TO-EXCEED AMOUNT

The City of Sacramento ("City") and **BEAR ELECTRICAL SOLUTION, INC.**("Contractor"), as parties to that certain contract designated as Contract Number **2023-1076** , including any and all prior amendments modifying the contract (the contract and all amendments are hereafter collectively referred to as the "Contract"), hereby amend the Contract as follows:

1. The scope set forth in description below of the Contract is amended as follows:

   This supplement is authorizing additional budget in the amount of $500,000 needed for additional services. The sunset date is also being extended to December 31, 2026.

2. The maximum not-to-exceed amount that is specified in the Contract for payment of Contractor's fees and expenses is **increased** by $**500,000.00**, and the Contract's maximum not-to-exceed amount is amended as follows:

Contract's original not-to-exceed amount:	**$ 3,000,000.00**
Net change by previous amendments:	$ 0.00
Not-to-exceed amount prior to this amendment:	**$ 3,000,000.00**
Increase by this amendment:	**$ 500,000.00**
New not-to exceed amount including all amendments:	**$ 3,500,000.00**

3. Contractor agrees that the amount specified in section 2 above shall fully compensate Contractor under the Contract, as modified by this amendment, including any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised services, and costs associated with any changes and/or delays in schedules or in the delivery of other services by Contractor.

4. Contractor warrants and represents that the person or persons executing this contract amendment on behalf of Contractor is duly authorized by Contractor to sign this amendment and bind Contractor to the terms hereof.

5. Except as specifically revised herein, all terms and conditions of the Contract shall remain in full force and effect, and Contractor shall perform as required under the Contract, as modified by this amendment.

[SIGNATURES ON FOLLOWING PAGE]

SUPPLEMENTAL CONTRACT

Approval Recommended By:

Project Manager

Approved As To Form By:

Michael Fry (Apr 28, 2026 14:14:37 PDT)

City Attorney

Approved By:

Andrew Bader

Andrew Bader (Apr 27, 2026 16:08:55 PDT)

Contractor

Attest:

City Clerk

Approved By:

Ryan Moore, Assistant City Manager
City of Sacramento