

File ID: 2026-01094

6/23/2026

[Contract Amendment] Basin 111 Drainage Study

File ID: 2026-01094

Location: District 4

Recommendation: Pass a **Motion** authorizing the City Manager or designee to execute Contract Amendment No. 5 to City Agreement No. 2023-0603 with West Yost Associates to provide hydrologic and hydraulic (H&H) modeling of drainage improvement alternatives for the FY24 Department of Utilities (DOU) Operating Grant Program (G14240100, Fund 6211) and Drainage Master Plan Program (I14710100, Fund 6021), for an amount not-to-exceed \$106,607, bringing the agreement's total not-to-exceed amount to \$394,051 and extending the period of performance through June 1, 2027.

Contact: Michele Miller, Project Manager, (916) 808-2024, mmmiller@cityofsacramento.org; Michelle Carrey, Engineering & Water Resources Division Manager, (916) 808-1438, mcarrey@cityofsacramento.org; Dalia Fadl, Director, (916) 808-3765, dfadl@cityofsacramento.org; Department of Utilities

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Contract Amendment

Description/Analysis

Issue Detail: Staff recommends City Council approve Contract Amendment No. 5 with West Yost Associates, for H&H analysis of drainage improvement alternatives to support Capital Improvement Project (CIP) construction and reduction of flooding to level of service standards.

Policy Considerations: The proposed contract amendment exceeds the City Manager's approval authority, requiring Council approval per City Code 3.04.020.

Economic Impacts: None.

Environmental Considerations: Per the California Environmental Quality Act (CEQA) Guidelines

Section 15061(b)(3), approval of the proposed contract amendment is exempt from the CEQA, under the general rule that CEQA only applies to actions with potential to significantly affect the environment. Approval of this contract amendment for additional engineering services will not affect the environment. Appropriate evaluation and documentation of the environmental effects of the project as required by CEQA will be completed prior to future project approval.

Sustainability: The proposed project is consistent with the Goal PFS - 3.12 (Safe and Compatible Utility Design) in the 2040 General Plan as it supports the evaluation of drainage system performance, the identification of capacity constraints for existing and future conditions, and the planning of infrastructure improvements necessary to maintain safe and reliable services.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: In 2023, the Department of Utilities (DOU) received two Sacramento Area Council of Governments (SACOG) grants for projects in the River District:

1. Basin 111 Drainage Study - To update the H&H model and identify improvements needed to meet the City's level of service.
2. River District - Sump 111 Improvements - To increase pump station capacity and install a centralized trash capture device to support ongoing development in the area.

During the design phase, it was determined that the current pump station layout did not meet current Hydraulic Institute standards with the higher flow pumps. As a result, a physical model would be required to evaluate and determine the necessary improvements to bring the pump station into compliance. West Yost Associates completed both the H&H model update and the physical modeling which found the pump station capacity increase was not a viable option.

This contract will conduct detailed H&H analysis to support construction of the drainage CIPs on Richards Boulevards and North Fifth Street and will further create improvement alternatives to meet City levels of service for drainage infrastructure.

Financial Considerations: The original not-to-exceed amount of the agreement was \$72,449. The net change by previous contract amendments in the amount of \$214,995 increased the agreement not-to-exceed amount to \$287,444. The proposed Contract Amendment No. 5, in the amount of \$106,607, would increase the agreement not-to-exceed amount to \$394,051. Sufficient funds are available in the FY24 DOU Operating Grant Program (G14240100, Fund 6211) and Drainage Master Plan Program (I14710100, Fund 6021) to execute the agreement.

There are no General Funds allocated or planned for this project.

Local Business Enterprise (LBE): West Yost Associates is an LBE.

Contract Routing Sheet

Payment / Performance Bond Only

General Routing Information

Department: Utilities Department

Contract Coordinator: Jamie McKinley Email: Jmckinley@cityofsacramento.org

Effective Date: _____ Expiration Date: 6/1/2027

Grant/Project Name: Basin 111 Drainage Study

Other Party: West Yost Associates

Original Not to Exceed Amount: \$72,449

Assessor's Parcel Number(s): _____

Project Number: G14240103 Bid/RFP/RFP#: Q21141311004 Cat 5

Supplements/Addendums/Change Orders

Adjusted Amount of this Change (+/-): \$106,607 New Not to Exceed Amount: \$394,051

Change In Scope: Yes

Original Contract Number: 2023-0603 Supplement Number: 05

Council Approval

Original Meeting Date: _____ Council File ID: _____

Supplement Meeting Date: 06/23/2026 Council File ID: 2026-01094

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:

Other Council IDs: 2024-00961

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

AB 339 Review Confirmation (if needed) Michele Miller May 26, 2026
Michele Miller (May 26, 2026 08:39:56 PDT)

Sign Construction Mgmt: [Signature] May 26, 2026

Sign Supervisor: [Signature] Jun 2, 2026

Sign Division Manager: _____

Sign Fiscal: [Signature] May 26, 2026 O&M: [Signature] Jun 2, 2026
Gabe [Signature] (May 26, 2026 10:10:17 PDT)

Sign Director of Utilities: _____

CITY OF SACRAMENTO

**CONTRACT AMENDMENT
CHANGE IN SCOPE AND NOT-TO-EXCEED AMOUNT**

The City of Sacramento (“City”) and West Yost (“Contractor”), as parties to that certain contract designated as Contract Number 2023-0603, 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 Exhibit A of the Contract is amended as follows:

Additional services are added as described in Attachment 7 to Exhibit A attached hereto and incorporated herein by the reference. Funding for this additional scope is outlined in Attachment 6 to Exhibit B, attached hereto and incorporated herein by this reference. Contract time of performance is extended through 6/1/2027

2. The maximum not-to-exceed amount that is specified in the Contract for payment of Contractor’s fees and expenses is **increased** by \$ **106,607**, and the Contract’s maximum not-to-exceed amount is amended as follows:

Contract’s original not-to-exceed amount:	\$72,449.00
Net change by previous amendments:	\$214,995.00
Not-to-exceed amount prior to this amendment:	\$287,444.00
Increase by this amendment:	\$106,607.00
New not-to exceed amount including all amendments:	\$394,051.00

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:

Michele Miller
Michele Miller (May 26, 2026 08:39:56 PDT)

May 26, 2026

Project Manager

Approved As To Form By:

City Attorney

Approved By:

Greg Chung
Greg Chung (May 27, 2026 07:17:24 PDT)

May 27, 2026

Contractor

Approved By:

Ryan Moore, Assistant City Manager
City of Sacramento

Attested To By:

City Clerk

ATTACHMENT 7 EXHIBIT A



100 Howe Avenue
Suite 110S
Sacramento CA 95825

916.306.2250 phone
530.756.5991 fax
westyost.com

April 1, 2026

SENT VIA: EMAIL

Brett Grant, PE
City of Sacramento
Department of Utilities
1395 35th Avenue
Sacramento, CA 95822

SUBJECT: Contract Amendment Request for the Basin 111 Drainage Analysis

Dear Brett:

West Yost appreciates the opportunity to provide additional services to the City of Sacramento (City) for the Basin 111 Drainage Analysis. The scope of services, budget, and schedule are provided below.

SCOPE OF SERVICES

The following is a list of the key tasks included in this amendment request. Previously completed and proposed work for each task is further described below:

- Task 1. Design-Level Modeling of the Storm Drain System
- Task 2. Surveying and Freeboard Evaluation
- Task 3. Pump Station Capacity Modeling
- Task 4. Master Plan Alternatives and Cost Estimate Development
- Task 5. Modeling Trunk Main Conveyance Improvements
- Task 6. Modeling VFD Implementation with Conveyance Improvements

Task 1. Design-Level Modeling of the Storm Drain System

West Yost will refine previously modeled proposed improvement scenarios within Basin 111 to reflect design-level detail. The City will provide West Yost with the proposed pipe layout and design drawings for the proposed improvements. Scenarios will be run to identify optimal pipe diameters, constructed to connect proposed parallel pipe configurations to equalize hydraulic grade line (HGL) within the pipes. The model will first be run using the existing maintenance holes (MHs) to connect the equalization pipelines, and additional MHs will be recommended to achieve better HGL equalization as necessary. Pipe layouts and invert elevation data will be based on construction feasibility and will be established in accordance with City design standards – a minimum 72 inches of separation will be required for each parallel pipe configuration. Deliverables for this task will include tabulated model results and not-to-scale figures. Preparation of plan and profile design drawings is not included with this task but can be completed through an additional contract amendment if requested.

The following alternatives will be evaluated in the Basin 111 model:

- North Fifth Street:
 - One scenario will be run to evaluate the impact of an additional 72-inch reinforced concrete pipe (RCP) from MH 510Z14 to MH 924Y14.
 - Two additional scenarios will be run to establish the most effective diameter of equalizing pipes connecting the existing and proposed 72-inch RCPs at all manhole connections. An additional scenario will be run if new MHs will be proposed for better HGL equalization.
- Incoming to Pump Station: Upsizing the existing 72-inch RCP to an 84-inch RCP from MH 924Y14 to Sump 111.
 - Two scenarios will be run to evaluate the efficacy of matching concentric pipe invert elevations versus matching pipe crown elevations.
- Richards Boulevard West:
 - One scenario will be run to evaluate the performance of a proposed 36-inch RCP from MH 104Z14 to MH 510Z14 in addition to the existing 36-inch RCP.
 - One scenario will be run to evaluate the performance of a proposed 54-inch RCP from MH 104Z14 to MH 510Z14 in addition to the existing 36-inch RCP.
 - Four additional scenarios will be run to establish the most effective diameter of equalizing pipes connecting the existing and proposed RCPs at upstream and downstream manhole connections. An additional scenario will be run if new MHs are proposed for better HGL equalization.

Task 2. Surveying and Freeboard Evaluation

West Yost will contract with REY Engineers, Inc. (REY) to provide Finished Floor Elevation (FFE) survey of existing buildings affected by or adjacent to modeled flooding. Two-dimensional (2D) modeled flooding results for the 100-year, 24-hour storm were provided by the City and were used to identify survey locations. Modeled 2D flooding indicates that approximately 100 buildings face risk of inundation exceeding stormwater ponding depths of 0.1 feet. REY's scope and fee are included in Attachment B – West Yost has accounted for 8 hours of subconsultant management and data processing, in addition to the fee provided by REY. Surveyed FFEs will be compared with 1D modeled results for existing and proposed conditions, completed in Tasks 1, 3, and 4, to accurately determine compliance with City freeboard criteria.

Task 3. Pump Station Capacity Modeling

West Yost will include a new pump curve and updated set points provided by the City in the Basin 111 model to evaluate the impact. Up to two model iterations will be evaluated. The impact of increased pump station capacity for each scenario will be quantified by evaluating system-wide changes in peak water surface elevations upstream.

Task 4. Master Plan Alternatives and Cost Estimate Development

West Yost will create a full set of conveyance projects to bring the buildout land use scenario in compliance with City standards for the 100-year, 24-hour design storm. The buildout land use scenario will be modeled with increased pump station capacities and set points, identified by City staff in Task 3. Surveyed FFEs from Task 2 will be referenced to ensure that freeboard criteria is met. In-line storage projects, contained within the City's right-of-way, will be evaluated in addition to conveyance improvements to meet City criteria. West Yost will evaluate three conveyance-only improvement

scenarios, two in-line storage scenarios, and one combined scenario combining conveyance and storage projects. West Yost will quantify the impact of the full set improvement scenario by calculating the volume of flooding removed from the system. Impact on upstream WSEs and flow rates for the 10-year, 24-hour storm will be documented as well. West Yost will provide a cost estimate for the individual and combined conveyance and storage scenarios, along with a table detailing cost per flood volume removed. The results of Task 4 will be presented in a Summary TM.

Task 5. Modeling Trunk Main Conveyance Improvements

West Yost completed additional modeling alternatives, as requested by City staff. The work included the development of a trunk main-only pipe upsizing scenario in an effort to decrease system-wide flooding by adding additional conveyance capacity along Richards Boulevard and North Fifth Street. Iterative modeling was required to determine proposed trunk main diameters, invert elevations, and pipe slopes.

Result figures for the 10- and 100-year storm events were developed to visualize the impact on system flooding. Tabulated results were prepared to summarize the net impact of trunk main upsizing on system flooding.

This work was completed in September 2025. Results and figures were provided to the City.

Task 6. Modeling VFD Implementation with Conveyance Improvements

West Yost completed additional modeling of VFD pump configurations with conveyance improvements, as requested by City staff. Tasks included iterative modeling to determine proposed pipe diameters, modifying invert elevations, and modifying pipe slopes to maximize the volume of flooding removed. The model iterations and VFD configurations evaluated exceeded the level of effort included in the project scope. VFD pump configurations were further modified to achieve compliance with typical City pump operation procedures, Hydraulic Institute (HI) criteria as established by Northwest Hydraulics Consultants in Attachment D of the Basin 111 TM, and to minimize water surface elevations in the upstream system.

The Basin 111 TM was revised based on these model updates, including tabulated results, appendices, and results figures for the 10- and 100-year storm events.

This work has been completed, and an updated Basin 111 TM was provided to the City on September 17, 2025.

PROJECT BUDGET

West Yost's level of effort and budget for each of the tasks described above are shown in Table 1. West Yost will perform the proposed scope of services described above on a time-and-expenses basis at West Yost's standard billing rates. Our current Billing Rate Schedule is provided in Attachment A. Fees will be limited to a not-to-exceed budget of \$106,607. Any additional services not included in this scope of services will be performed only after receiving written authorization and a corresponding budget augmentation.

Table 1. Estimated Project Hours and Budget		
Task	Level of Effort, West Yost hours	Estimated Budget, dollars
Task 1. Design-Level Modeling of Storm Drain System	72	18,842
Task 2. Surveying and Freeboard Evaluation	8	26,527 ¹
Task 3. Pump Station Capacity Modeling	16	4,215
Task 4. Master Plan Alternatives and Cost Estimate Development	132	33,971
Task 5. Trunk Main Conveyance Improvements	48	11,412
Task 6. VFD Implementation with Conveyance Improvements	46	11,640
Total Project Hours and Budget	322	106,607
1. Task 2 budget includes REY fee with 10% subcontractor markup, plus hours for West Yost's management and coordination.		

SCHEDULE

West Yost will provide Task 1 deliverables within four weeks after receiving notice to proceed.

Thank you for providing West Yost the opportunity to be of continued service to the City of Sacramento. We look forward to continuing work on this important project. Please call if you have any questions or require additional information.

Sincerely,
WEST YOST



Melissa Duffy, PE
Senior Engineer II
RCE #87217

Attachment: Attachment A. West Yost's 2026 Billing Rate Schedule
Attachment B. REY Engineers, Inc. Survey Scope and Fee

ATTACHMENT 6 TO EXHIBIT B

Attachment A

West Yost's 2026 Billing Rate Schedule

2026 Billing Rate Schedule

(Effective January 1, 2026, through December 31, 2026)*

POSITIONS	LABOR CHARGES (DOLLARS PER HOUR)
ENGINEERING	
Principal/Vice President	\$369
Engineer/Scientist/Geologist Manager I / II	\$351 / \$365
Principal Engineer/Scientist/Geologist I / II	\$316 / \$333
Senior Engineer/Scientist/Geologist I / II	\$280 / \$292
Associate Engineer/Scientist/Geologist I / II	\$234 / \$249
Engineer/Scientist/Geologist I / II / III	\$179 / \$210 / \$212
Engineering Aide	\$110
Field Monitoring Services	\$137
Administrative I / II / III / IV	\$98 / \$125 / \$152 / \$167
ENGINEERING TECHNOLOGY	
Engineering Tech Manager I / II	\$361 / \$365
Principal Tech Specialist I / II	\$331 / \$344
Senior Tech Specialist I / II	\$301 / \$317
Senior GIS Analyst	\$276
GIS Analyst	\$260
Technical Specialist I / II / III / IV	\$194 / \$218 / \$248 / \$277
Technical Analyst I / II	\$140 / \$167
Technical Analyst Intern	\$112
Cross-Connection Control Specialist I / II / III / IV	\$145 / \$158 / \$176 / \$197
CAD Manager	\$221
CAD Designer I / II	\$170 / \$191
CONSTRUCTION MANAGEMENT	
Senior Construction Manager	\$354
Construction Manager I / II / III / IV	\$208 / \$224 / \$238 / \$301
Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1)	\$189 / \$210 / \$233 / \$242
Apprentice Inspector	\$170
CM Administrative I / II	\$91 / \$123
Field Services	\$244

- Charges for technology and communication, including general and CAD computer software, telephone calls, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses, will be billed at 6% of West Yost labor.
- Outside services, such as vendor reproductions, prints, and shipping; major West Yost reproduction efforts; as well as engineering supplies, etc., will be billed at the actual cost plus 15%.
- The Federal Mileage Rate will be used for mileage charges and will be based on the Federal Mileage Rate applicable to when the mileage costs were incurred. Travel other than mileage will be billed at cost.
- Subconsultants will be billed at actual cost plus 10%.
- Expert witness services, research, technical review, analysis, preparation, and meetings will be billed at 150% of standard hourly rates. Expert witness testimony and depositions will be billed at 200% of standard hourly rates.
- A finance charge of 1.5% per month (an annual rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

2026 Billing Rate Schedule

(Effective January 1, 2026, through December 31, 2026)*

Equipment Charges

EQUIPMENT	BILLING RATES
2" Purge Pump & Control Box	\$300 / day
Aquacalc / Pygmy or AA Flow Meter	\$28 / day
Emergency SCADA System	\$35 / day
Field Vehicles (Groundwater)	\$200 / day
Gas Detector	\$80 / day
Generator	\$60 / day
Hydrant Pressure Gauge	\$10 / day
Hydrant Pressure Recorder, Impulse (Transient)	\$55 / day
Hydrant Pressure Recorder, Standard	\$40 / day
Low Flow Pump Back Pack	\$135 / day
Low Flow Pump Controller	\$200 / day
Powers Water Level Meter	\$32 / day
Precision Water Level Meter 300ft	\$30 / day
Precision Water Level Meter 500ft	\$40 / day
Precision Water Level Meter 700ft	\$45 / day
QED Sample Pro Bladder Pump	\$65 / day
Skydio 2+ Drone (2 hour minimum)	\$100 / hour
Storage Tank	\$20 / day
Sump Pump	\$24 / day
Transducer Communications Cable	\$10 / day
Transducer Components (per installation)	\$23 / day
Trimble GPS – Geo 7x	\$220 / day
Tube Length Counter	\$22 / day
Turbidity Meter	\$30 / day
Turbidity Meter (2100Q Portable)	\$35 / day
Vehicle (Construction Management)	\$18.75 / hour
Water Flow Probe Meter	\$20 / day
Water Quality Meter	\$50 / day
Water Quality Multimeter	\$185 / day
Well Sounder	\$30 / day

Attachment B

REY Engineers, Inc. Survey Scope and Fee



1. Bench levels through structure finished floors

\$22,200 LS

R.E.Y. will utilize City of Sacramento vertical control benchmarks and perform closed loop bench levels through each of the neighborhoods with ties to the finished floor of each of the 92 specified structures. REY will place a symbol with text indicating the elevation (expressed in NAVD88' vertical datum) in a cad file superimposed over aerial imagery, expressed in NAD83 Zone 2 California State Plane.

This work is expected to take approximately 48 hours of field crew time plus office support. Delivery will be 5 working days after field work is complete.

This proposal is subject to the following Special Conditions.

Special Conditions:

1. Any client-requested extras will be billed as Time and Materials services.
2. Billings will include the fees earned for the billing period plus the direct costs printing, plotting and delivery services.
3. R.E.Y. will have a total of one (1) move-in to complete the tasks outlined in this proposal.
4. The Standard of Care for all professional and other related services performed or furnished by R.E.Y. under this proposal will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality.
5. In any event, the client cancels or postpones the survey after the proposal is signed, R.E.Y. will reserve the right to charge pro-rata for the work completed up to the time of request for cancellation.
6. Additional move-ins due to building access restrictions or denial for the measurement of the finished floor and the coordination thereof will be billed on a Time and Materials basis.

Attachments

- A. Standard Terms and Conditions. R.E.Y. Engineers, Inc. shall be "R.E.Y." and West Yost shall be "Client"
- B. Standard Rate Table

Thank you for this opportunity to work with you. Please contact me should you have any questions or require clarification or additional information. If acceptable, please sign below and return a copy to R.E.Y.

Sincerely,

Acceptance and Authorization to Proceed

R.E.Y. Engineers, Inc.

Dan Beever, PLS 9377

Principal

By: _____

Print Name: _____

Title: _____



R.E.Y. Standard Terms & Conditions

1. Notice to Proceed and Commencement of Work

Verbal or written requests to proceed in any form will be considered acceptance of this Proposal and the Standard Terms and Conditions contained herein.

2. Additional Services

When additional services are requested for this project, R.E.Y. will provide a proposed budget for the additional scope and will commence work upon written acceptance of the additional budget. Client will be responsible for payment of all additional services authorized. Additional services shall be governed by the Standard Terms & Conditions of this initial Proposal.

3. Compensation and Payment Terms

Monthly progress billings will be provided in accordance with the budgets and rates proposed herein. Monthly invoices shall be due and payable thirty (30) days after receipt and acceptance by Client. R.E.Y. shall be notified of any disputed invoices within fifteen (15) days of receipt by Client or the invoice will be considered accepted and subject to these payment terms.

4. Independent Contractor

It is understood the R.E.Y. is an Independent Contractor as defined by the State of California. Client has no interest in the manner or methods R.E.Y. may employ to complete the scope of work hereunder, which shall be left to the sole and exclusive direction and control of R.E.Y. provided that such manner and methods conform with the standards for performance set forth in this task and with all laws, rules, and/or regulations applicable to the performance of such services. R.E.Y.'s employees assigned to perform the Scope of Work are and shall at all times hereunder remain the employees of the R.E.Y. and are not employees of Client.

5. Indemnification

The parties hereto agree to defend, indemnify and hold one another harmless from and against any and all liability, loss, expense, attorneys' fees, or claims for injury and/or damages arising from or in any way connected to the performance of this Proposal, but only in proportion to and to the extent such liability,

loss, expense, attorneys' fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of the indemnifying party, its officers, agents or employees.

6. Limit of Liability

To the fullest extent permitted by law, the Client agrees to limit the liability of R.E.Y., its employees, owners, and agents (jointly referred to as R.E.Y.) to the Client for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorney's fees and costs and expert-witness fees and costs, so that the total aggregate liability of R.E.Y. to the Client shall not exceed Twenty Two Thousand and Two Hundred (22,200) dollars or R.E.Y.'s total aggregate fee for this project, whichever is greater.

7. Ownership and Use of Documents

All plans, drawings, tracings, specifications, programs, reports, models, and other material prepared by R.E.Y. and provided by R.E.Y. to the Client for the Project pursuant to this Proposal (collectively, the "Documents") shall be owned by the Client and is intended for the sole use of the Client, investors, and lenders participating in the financing of the Project. Any use of the Documents, whether by the Client or by other lenders participating in the financing of the Project, shall be in accordance with the provisions of this Proposal. R.E.Y. is not liable for changes made to the Documents by any other person or entity, other than R.E.Y., unless R.E.Y. consents in writing to such changes.

8. Disputes

This Proposal shall be governed, construed and interpreted solely by and under the laws of the State of California without regard to conflict of laws provisions. In the event of litigation or disputes arising out of or in any way related to the performance of this Proposal, the parties hereto agree to submit to the jurisdiction of any court of competent jurisdiction within Sacramento County, California and shall comply with all requirements necessary to give such Court jurisdiction.



R.E.Y. ENGINEERS, INC.

CIVIL ENGINEERING | LAND SURVEYING | REMOTE SENSING
905 Sutter Street, Suite 200, Folsom, CA 95630
Phone: (916) 366-3040 | Fax: (916) 366-3303 | www.reyengineers.com

STANDARD FEE SCHEDULE

LABOR CLASSIFICATION	RATE
Assistant Engineer/Surveyor I	\$130
Assistant Engineer/Surveyor II	\$144
Assistant Engineer/Surveyor III	\$158
Assistant Engineer/Surveyor IV	\$172
Assistant Engineer/Surveyor V	\$187
Assistant Engineer/Surveyor VI	\$202
Assistant Engineer/Surveyor VII	\$217
Associate Engineer/Surveyor I	\$162
Associate Engineer/Surveyor II	\$176
Associate Engineer/Surveyor III	\$190
Associate Engineer/Surveyor IV	\$205
Associate Engineer/Surveyor V	\$220
Senior Engineer/Surveyor I	\$222
Senior Engineer/Surveyor II	\$243
Senior Engineer/Surveyor III	\$264
Senior Engineer/Surveyor IV	\$285
Senior Engineer/Surveyor V	\$306
Principal Manager I	\$315
Principal Manager II	\$349
Technician I	\$111
Technician II	\$131
Technician III	\$151
Senior Technician I	\$158
Senior Technician II	\$179
Senior Technician III	\$200
LiDAR Technician I	\$168
LiDAR Technician II	\$192
LiDAR Technician III	\$216
Senior LiDAR Specialist I	\$224
Senior LiDAR Specialist II	\$252
GIS Analyst	\$164
GIS Manager	\$190
1-Person Crew	\$230
2-Person Crew	\$375
3-Person Crew	\$510
Project Coordinator	\$138
Senior Project Coordinator	\$224
Grant Administrator	\$224
Expert Witness Testimony/Deposition	\$524
EXPENSE CLASSIFICATION	
Terrestrial LiDAR Scanning Equipment (per hour, 2-hour minimum)	\$235
Mobile LiDAR Equipment (per hour)	\$810
UAV LiDAR Equipment (per flight)	\$815
Bathymetric Survey Equipment (per project day)	\$1,215
Special Monument & Iron Stakes	Cost
Outside Reproductions & Services	Cost + 15%
Subconsultants	Cost + 15%
In-House Large Format Prints (B&W)	\$0.50/SF
In-House Large Format Prints (Color)	\$1.00/SF

LEGEND

- Rates above are the hourly rate to be charged for each classification unless otherwise noted.

NOTES

- Rates are valid through **12/31/2026**. New billing rates are issued annually.
- Reimbursement for mileage is included in the rates above.
- Rate for overtime for field and non-exempt employees will be charged at 135% of rate listed above
- Rate for double time for field and non-exempt employees will be charged at 170% of rate listed above
- Field rates for night shift work will be charged at 110% of the rates listed above.