

# City of Sacramento

## Legislation Text

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**File #:** 2019-00708, **Version:** 1

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**Title:**

**Supplemental Agreement: On-Call Programming for PLC & SCADA**

File ID: 2019-00708

**Location:** Citywide

**Recommendation:**

Pass a Motion authorizing the City Manager or the City Manager's designee to execute Supplemental Agreement No. 2 to City Agreement 2017-0871 with John Wootton Integration to provide on-call Programmable Logic Controller (PLC) and Supervisory Control and Data Acquisition (SCADA) programming services for a term of four years, for an amount not-to-exceed \$300,000, bringing the agreement's total not-to-exceed amount to \$397,000.

**Contact:** Charley Cunningham (916) 808-1664; Dave Hansen, Supervising Engineer (916) 808-1421; Dan Sherry, Engineering & Water Resources Division Manager, (916) 808-1419; Department of Utilities

**Presenter:** None

**Attachments:**

- 1-Description/Analysis
- 2-Supplemental Agreement

**Description/Analysis**

**Issue Detail:** Staff recommends Council approve Supplemental Agreement No. 2 with John Wootton Integration (Wootton) for on-call PLC and SCADA programming including: identifying PLC/SCADA system deficiencies and nonstandard practices, determining programming scope of work to implement requested modifications, and preparing a preliminary modification report with time and cost estimate for programming, testing, and operator training. After the report is reviewed and approved, Wootton will implement the recommendation in the report including Operator training and programming PLC code using new International Electrotechnical Commission standards.

The original agreement was awarded July 18, 2017, with a not-to-exceed amount of \$65,000 for a one-year term. Work included converting five remote sites' PLC to Modicon Unity programming for integration into the SCADA network. Supplemental Agreement #1 was issued November 27, 2018 for an additional \$32,000 to modify controls at the Sacramento River Water Treatment Plant.

**Policy Considerations:** The proposed supplemental agreement exceeds the City Manager's approval authority, requiring Council approval in accordance with City Code Section 3.64.

**Economic Impacts:** None.

**Environmental Considerations:** Per the California Environmental Quality Act (CEQA) Guidelines Section 15061(b)(3), approval of the proposed Supplemental Agreement 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 Supplemental Agreement for additional technical services and programming will not affect the environment.

**Sustainability:** Not applicable

**Commission/Committee Action:** Not applicable.

**Rationale for Recommendation:** In the summer of 2017, John Wootton Integration was originally selected from an RFP process based on experience and knowledge. The firm has provided cost efficient and timely on-call PLC and SCADA programming, systems analysis, and Operator training under the existing contract. Extending the Agreement for the next four years provides a significant benefit to the City by improving the operational integrity of City's water, sewer and drainage control systems.

**Financial Considerations:** The original not-to-exceed amount of the agreement was \$65,000. Supplemental Agreements No. 1 was for \$32,000, increasing the total agreement not-to-exceed amount to \$97,000. The proposed Supplemental Agreement No. 2 in the amount of \$300,000 will increase the total agreement not-to-exceed amount to \$397,000 over the four-year term. Funds for the first year of this agreement will be available in the Proposed FY2019/20 Department of Utilities Budget (Budget) provided that City Council adopts the budget as proposed prior to July 1, 2019. Funding of the agreement in future fiscal years will be subject to the availability of sufficient funds for the applicable fiscal year.

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

**Local Business Enterprise (LBE):** John Wootton Integration is an LBE.