



## City Council Report

915 I Street, 1<sup>st</sup> Floor

Sacramento, CA 95814

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**File ID:** 2019-00708

June 4, 2019

**Consent Item 11**

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

**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.

# SUPPLEMENTAL AGREEMENT

**Project Title and Job Number:** On-Call Programming for PLC & SCADA

**Date:** 5/2/19

**Purchase Order #:** 0000039566

**Supplemental Agreement No.:** 2

The City of Sacramento ("City") and John Wooton Integration ("Contractor"), as parties to that certain Professional Services Agreement designated as Agreement Number 2017-0871, including any and all prior supplemental agreements modifying the agreement (the agreement and supplemental agreements are hereafter collectively referred to as the "Agreement"), hereby supplement and modify the Agreement as follows:

1. The scope of Services specified in Exhibit A of the Agreement is amended as follows:

Provide On-Call programming for PLC and SCADA over a term of four years at maximum not to exceed of price \$75,000 per year. Services shall include meetings with DOU staff to identify PLC/SCADA system deficiencies, programming PLC code in IEC style Schneider Untiy Pro language, conduct and document system testing, and conduct Operator training. Prepare time & cost estimates and start work when authorized.

2. In consideration of the additional and/or revised services described in section 1, above, the maximum not-to-exceed amount that is specified in Exhibit B of the Agreement for payment of Contractor's fees and expenses, is increased by \$300,000, and the Agreement's maximum not-to-exceed amount is amended as follows:

Agreement's original not-to-exceed amount:	<u>\$65,000</u>
Net change by previous supplemental agreements:	<u>\$32,000</u>
Not-to-exceed amount prior to this supplemental agreement:	<u>\$97,000</u>
Increase by this supplemental agreement:	<u>\$300,000</u>
New not-to exceed amount including all supplemental agreements:	<u>\$397,000</u>

3. Contractor agrees that the amount of increase or decrease in the not-to-exceed amount specified in section 2, above, shall constitute full compensation for the additional and/or revised services specified in section 1, above, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised services, including costs associated with any changes and/or delays in work schedules or in the performance of other services or work by Contractor.
4. Contractor warrants and represents that the person or persons executing this supplemental agreement on behalf of Contractor has or have been duly authorized by Contractor to sign this supplemental agreement and bind Contractor to the terms hereof.
5. Except as specifically revised herein, all terms and conditions of the Agreement shall remain in full force and effect, and Contractor shall perform all of the services, duties, obligations, and conditions required under the Agreement, as supplemented and modified by this supplemental agreement.

**Approval Recommended By:**

**Approved As To Form By:**

\_\_\_\_\_  
Project Manager

\_\_\_\_\_  
City Attorney

**Approved By:**

 10 MAY 19  
\_\_\_\_\_  
Contractor

**Attested To By:**

**Approved By:**

\_\_\_\_\_  
City of Sacramento

\_\_\_\_\_  
City Clerk