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Title: Award a service contract to Partners In Control, Inc., dba Enterprise Automation, in the amount of \$622,069 for the City of Fresno’s Tank 3 Surface Water Treatment Facility CitectSCADA/Wonderware Historian Upgrade and Configuration Integration (Council District 4) (RFP 3658)

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Date	Ver.	Action By	Action	Result
6/20/2019	1	City Council	approved	Pass

REPORT TO THE CITY COUNCIL

June 20, 2019

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THROUGH: BUD TICKEL, Assistant Director - Water
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SUBJECT

Award a service contract to Partners In Control, Inc., dba Enterprise Automation, in the amount of \$622,069 for the City of Fresno’s Tank 3 Surface Water Treatment Facility CitectSCADA/Wonderware Historian Upgrade and Configuration Integration (Council District 4) (RFP 3658)

RECOMMENDATIONS

Staff recommends that City Council award a service contract to Partners In Control, Inc., dba Enterprise Automation (Enterprise Automation), in the amount of \$622,069 for the City of Fresno’s (City’s) Tank 3 (T3) Surface Water Treatment Facility (Facility) Citect Supervisory and Data Acquisition (SCADA)/Wonderware Historian Upgrade and Configuration Integration (Project) and

authorize the Director of Public Utilities, or designee, to sign the contract on behalf of the City.

EXECUTIVE SUMMARY

The Department of Public Utilities (DPU), Water Division, solicited proposals for integration services to upgrade existing Vijeo CitectSCADA software version, make software functional for the application, upgrade existing Vijeo Historian to Wonderware Historian, upgrade Programmable Logic Controllers (PLC's) to current version of Unity Pro, upgrade Human Machine Interface (HMI) configurations, and upgrade network configurations as necessary for the T3 Facility. Proposals included integration to establish a remote client that can remotely operate the T3 Facility. No hardware shall be provided by Enterprise Automation. Staff recommends that City Council award a service contract to Enterprise Automation in the amount of \$457,554 for the original scope of work items, and \$164,515 for the optional scope of work items provided by Enterprise Automation, for a total award amount of \$622,069.

BACKGROUND

This Project will upgrade the existing SCADA control and network systems at the existing T3 Facility. Along with the installation of new control and networking hardware, this Project will allow for efficient operations, maintenance, and regulatory compliance by DPU Water Division staff. This Project will provide significant improvements to the existing SCADA systems located at the T3 Facility. The Project will also allow the T3 Facility to be operated remotely, as approved by the State Water Resources Control Board (SWRCB), and has a potential to save the Water Division a significant amount in staffing costs. Currently, the T3 Facility operates on an outdated, unreliable, and improperly deployed SCADA system. This system was installed by a developer-retained contractor in 2012 and does not meet current Water Division standards for control, operational efficiency, or automatic regulatory reporting.

Plans and Specifications were prepared for this Project. A Notice Inviting Proposals was published on April 12, 2019, and posted on the City's Planet Bids website. The Specifications were distributed to seven prospective proposers and posted at seven Builder Exchanges. A mandatory proposal conference was held on May 1, 2019. Three prospective proposers attended. One sealed proposal was received and publicly opened on May 21, 2019. Staff believes this is due to not only the complex nature of this Project, but also due to the required experience of the proposers and their staff. The City has a unique combination of concurrent systems and staff believes that there are very few integrators nationwide who have the required expertise and certification to successfully accomplish such an integration. Enterprise Automation has met all of the requirements. The proposals will expire 120 days after proposal opening, which will be on September 18, 2019.

Enterprise Automation was found to be the lowest responsive and responsible proposer, with the bid amount of \$457,554 for the original scope of work items. The proposer has also included optional scope of work items for an additional \$164,515. The staff determination was posted on the City's Planet Bids website on June 5, 2019. Staff recommends that City Council award a service contract to Enterprise Automation in the amount of \$457,554 for the original scope of work items, and \$164,515 for the optional scope of work items provided by Enterprise Automation, for a total award amount of \$622,069, as the lowest responsive and responsible proposer. Their proposal, including additional scope of work, is 10% below the engineer's estimate of \$692,000.

ENVIRONMENTAL FINDINGS

By the definition provided in the California Environmental Quality Act (CEQA) Guidelines Section 15378, the award of this contract is not a "project" as defined by CEQA.

LOCAL PREFERENCE

Local preference was not implemented as one proposal was received.

FISCAL IMPACT

There is no impact to the General Fund. This Project is located in Council District 4. Funds for this Project have been appropriated in the Water Division's Fiscal Year 2019 Capital Improvement Program budget within the Water Enterprise Fund 40101.

Attachments:

Attachment 1 - Listings of Proposers

Attachment 2 - Report from Evaluation Committee

Attachment 3 - Summary of Information Submitted by Proposers

Attachment 4 - Sample Contract