



City of Huntington Beach

File #: 23-434

MEETING DATE: 6/6/2023

REQUEST FOR CITY COUNCIL ACTION

SUBMITTED TO: Honorable Mayor and City Council Members

SUBMITTED BY: Al Zelinka, City Manager

VIA: Chau Vu, Acting Director of Public Works

PREPARED BY: Chris Davis, Senior Management Analyst

Subject:

Approve and authorize execution of a Professional Services Contract in the amount of \$1,350,000 over 3 years with Enterprise Automation to provide On Call Engineering Services for Water and Wastewater SCADA Systems

Statement of Issue:

Submitted for City Council approval is a professional services contract with Enterprise Automation to provide on-call services for the Public Works Utilities Division Supervisory Control and Data Acquisition (SCADA) systems, which monitor and control the water, flood control and wastewater systems.

Financial Impact:

Funding for Year 1 in the amount of \$450,000 is included in the proposed Fiscal Year 2023/24 Budget with \$200,000 budgeted in the Water Fund Technology Business Unit 50685807.69365; \$150,000 in the Water Fund Engineering Business Unit 50685201.69365; and \$100,000 in the Sewer Service Fund Technology Business Unit 50685301.69365. Funding for the remaining two years of the three-year agreement will be included in subsequent budget submittals.

Recommended Action:

Approve and authorize the Mayor and City Clerk to execute the "Professional Services Contract Between the City of Huntington Beach and Enterprise Automation for On-Call Engineering Services for Water and Wastewater SCADA Services.

Alternative Action(s):

Do not approve the Professional Services Contract and direct staff accordingly. If the contract is not approved, the City's SCADA system would become out of date. This could result in the inability of staff to respond to system issues in a timely manner. It could also necessitate the hiring of staff to perform functions that would otherwise be automated or additional trained technical staff to operate the SCADA system.

Analysis:

The City's SCADA systems monitor and control the water, wastewater and flood control systems. The consultant will provide as-needed programming and engineering services related to managing, maintaining and upgrading the SCADA systems for a three-year term. On-call services include design and programming assistance with SCADA reports, ongoing security updates and periodic security audits, implementation of SCADA system virtualization, system functional upgrades and other tasks as required.

A Request for Proposals was released on January 23, 2023 and bids were due by February 13, 2023. There were a total of 831 vendors who were notified. Of that number, 58 vendors looked at the bid, and one submitted a proposal. Staff reached out to 4 other vendors on that list who could provide services. Only one of the vendors responded and informed staff that they do not have the capacity at their firm to provide the services requested.

Staff reviewed the Enterprise Automation proposal and found that it met or exceeded all of the City's requirements. They are a local Orange County company offering all phases of control systems integration. Services include SCADA configuration, data network design, testing, start up and training, operation and maintenance documentation, design consultation, specification development, panel design, and programmable logic controller programming. Enterprise Automation has provided on-call SCADA services for the City for the past 10 years. Enterprise Automation has a local facility that currently houses the City's SCADA system in a virtual server for off-site testing and development, and serves as one of the back-up copies for disaster recovery.

Staff is recommending the City Council approve a three-year contract with Enterprise Automation through 2026.

Environmental Status:

Pursuant to CEQA Guidelines Section 15378(b)(5), administrative activities of governments that will not result in direct or indirect physical changes in the environment do not constitute a project.

Strategic Plan Goal:

Infrastructure & Parks

Attachment(s):

1. Professional Services Contract Between the City of Huntington Beach and Enterprise Automation for On-Call Engineering Services for Water and Wastewater SCADA Services.
2. PowerPoint Presentation