



CITY OF COOS BAY CITY COUNCIL
Agenda Staff Report

MEETING DATE	AGENDA ITEM NUMBER
February 3, 2015	

TO: Mayor Shoji and City Councilors

FROM: Jim Hossley, Public Works Director 

THROUGH: Rodger Craddock, City Manager 

ISSUE: Consideration of Approval to Award a Contract for Integrator of Record

BACKGROUND:

On December 2, 2014 the City of Coos Bay advertised for a RFQ from qualified individuals and firms to provide technical, design, and integration support to the City in the area of controls and Supervisory Control and Data Acquisition (SCADA) and to serve as the City's Integrator of Record (IOR). The City received a Statement of Qualification from the following three firms: CH2M HILL, The Automation Group, and Portland Engineering.

If the City utilizes the support and resources of a single firm to provide these services to it will facilitate consistency, rapid response to needs, and a standard approach to developing and maintaining the City's controls and electrical systems as the City moves forward with the wastewater upgrades and improvements associated with the 20 year plan. The term of the contract is proposed to be for a five (5) year period with an option to extend for an additional one (1) year at the City's discretion (maximum duration of contract is 6 years). The scope of work included with this plan can include but is not limited to the following:

- On-site troubleshooting controls or programming issues
- Repairing sensors, Program Logic Control's (PLC's), SCADA components, communications (wireless, cellular, or others), and otherwise maintaining the system
- Responding to requests to upgrade or change programming in PLC's or other systems.
- Upgrading or installing software, firmware, or other systems
- Generally respond to requests for support from the City regarding controls, SCADA, etc.
- Remotely accessing systems to review problems, troubleshoot, or answer questions about controls, SCADA or related systems
- Integration of communications between the new/upgraded Wastewater Treatment Plants and the upgraded pump stations
- Development of communication and telemetry for each of the major system components in the water and wastewater systems. This will include pump stations and waste water treatment plants
- Update of the City's SCADA Master Plan

While all three firms were very qualified in the field of integration and programming, CH2M HILL was the only firm that demonstrated past success with large wastewater treatment plants similar to the City's current Plant 2 project and the upcoming Plant 1 upgrade. Furthermore, CH2M HILL was the only firm that had engineers on their team that are proficient in wastewater treatment design in

addition to integration and programming. These qualifications are why CH2M HILL is recommended for this award.

ADVANTAGES:

Because this selection process was qualification based, the selected consultant has showed past success on projects, proficient knowledge in programming, and an ability to meet budgets and schedules. Allowing one firm to perform the programming and integration will provide the City with consistency throughout the citywide wastewater upgrades. This is important for cost control, component inventory management, and ease of future maintenance.

DISADVANTAGES:

Staff sees no disadvantages with this recommendation.

BUDGET IMPLICATIONS:

The duration of the contract is for a minimum of five (5) years and will be utilized on an as needed basis to provide engineering support and design services for Capital Improvement Projects, Emergency Projects, Master Plans, etc. Individual work orders over \$25,000 must come to the City Council for award.

RELATED CITY GOAL:

The approval of this project will help the City meet the goal that states, "Infrastructure and Services: To maintain and improve the City's physical infrastructure and provide quality services for current and future citizens." This project will help Ensure that the City can protect and enhance the useful life of their utilities and facilities.

ACTION REQUESTED:

If it pleases the Council, approve the award of the contract for Integrator of Record to CH2M HILL.