


**CITY OF COOS BAY CITY COUNCIL**  
**Agenda Staff Report**

MEETING DATE	AGENDA ITEM NUMBER
May 16, 2017	

TO: Mayor Benetti and City Councilors

FROM: Jim Hossley, Public Works and Community Development Director 

THROUGH: Rodger Craddock, City Manager *rec*

ISSUE: Approval of Contract for SCADA Integration Services for Wastewater Treatment Plant 2

**SUMMARY:**

The technology that uses computers, networked data communications, and graphical user interfaces to manage the processes at a treatment plant and/or pump station is called Supervisory Control and Data Acquisition or more commonly known as "SCADA". SCADA allows an operator to know, almost instantly, when something is not working correctly and often times allows that operator to resolve the situation remotely. The new Wastewater Treatment Plant No. 2 will need SCADA. SCADA is developed for each project specifically by engineers and technical professionals called "integrators". Several years ago, the City hired CH2M to be their Integrator of Record. It is proposed that CH2M will provide integration services for the new Plant 2.

**ACTION REQUESTED:**


If it pleases the Council, approve the award of the contract for SCADA services for the new Wastewater Treatment Plant No. 2 to CH2M for an amount not to exceed \$395,176


For additional information, see the attached May 9, 2017 Joint Council / URA Work Session report.

**CITY OF COOS BAY**  
**JOINT CITY COUNCIL / URA WORK SESSION**  
**Agenda Staff Report**

MEETING DATE May 9, 2017	AGENDA ITEM NUMBER
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TO: Mayor Benetti and City Councilors

FROM: Jim Hossley, Public Works and Community Development Director 

THROUGH: Rodger Craddock, City Manager 

ISSUE: Consideration of Approval to Award a Contract for SCADA Integrator of Record for the New Wastewater Treatment Plant No. 2

**SUMMARY:**

The technology that uses computers, networked data communications, and graphical user interfaces to manage the processes at a treatment plant and/or pump station is called Supervisory Control and Data Acquisition or more commonly known as "SCADA". SCADA allows an operator to know, almost instantly, when something is not working correctly and often times allows that operator to resolve the situation remotely. The new Wastewater Treatment Plant No. 2 will need SCADA. SCADA is developed for each project specifically by engineers and technical professionals called "integrators". Several years ago, the City hired CH2M to be their Integrator of Record. It is proposed that CH2M will provide integration services for the new Plant 2.

**ACTION REQUESTED:**

If it pleases the Council, approve the award of the contract for SCADA services for the new Wastewater Treatment Plant No. 2 to CH2M for an amount not to exceed \$395,176.

**BACKGROUND:**

Due to the proposed upgrades of treatment plants and pump stations, staff recommended there be continuity with the SCADA programming associated with these improvements/upgrades. As a result, the City requested qualifications for SCADA services in late 2014. The City awarded a contract to CH2M to perform SCADA services and act as the City's Integrator of Record (IOR) on February 3, 2015. The contract runs through February 2020 with an option to renew to 2021

The City awarded a contract to Mortenson Construction on December 6, 2016 to construct the new Wastewater Treatment Plant No. 2. SCADA services were not included in the Mortenson contract, which is not uncommon. An approximate amount of \$400,000 was budgeted for this work. This budget was presented to the Council on March 15, 2016. City Staff negotiated an actual contract amount of \$359,251 with CH2M.

**BUDGET IMPLICATIONS:**

This project is being funded by the Infrastructure Finance Authority Loan No. 2. Funds for this project will come from the Wastewater Improvement Fund, Accounting No. 29-810-530-3018. Staff is recommending a 10% contingency which will bring the total amount to \$395,176, which is just under what was originally budgeted for.