

# STAFF REPORT



ITEM NO. 6

CITY OF OCEANSIDE

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DATE: November 20, 2013

TO: Honorable Mayor and City Councilmembers

FROM: Water Utilities Department

SUBJECT: **PURCHASE ORDER IN THE AMOUNT OF \$259,414 TO WONDERWARE WEST FOR THE PURCHASE OF SUPERVISORY CONTROL AND DATA ACQUISITION SOFTWARE AND LICENSES**

## **SYNOPSIS**

Staff recommends that the City Council approve a purchase order in the amount of \$259,414 to Wonderware West of Houston, TX for the purchase of Supervisory Control and Data Acquisition (SCADA) software and licenses; and authorize the Financial Services Director, or designee, to execute the purchase order.

## **BACKGROUND**

The City currently uses Human Machine Interface (HMI) software manufactured by two leading software vendors, GE and Wonderware. The City can reduce future training and outside support by 25 percent utilizing a single platform for all of its SCADA needs including City Staff training, consultant programming costs, and HMI troubleshooting. Therefore, an evaluation process was devised to assess which software would best meet the needs of the City. Each vendor gave a presentation of their software application to City staff using a standard script. Following this, City staff visited other agencies to see how each vendor's software was being used and to ask end users about their experiences. A final staff meeting was held to reach a consensus about the suitability of each product.

## **ANALYSIS**

The advantages and disadvantages of each vendor's software were explained during the evaluation process. Wonderware's offering was deemed to be superior to the GE product in several key areas such as object oriented design, redundancy, and trending. Moreover, Wonderware has a much larger local installed user base which also fosters a greater support network of trained systems integrators to draw on. Wonderware also provides a generous discount for replacing the City's existing GE licenses with their product.

**FISCAL IMPACT**

The available budget in the respective accounts listed above for this project is \$400,988. The total cost for the purchase order is \$259,414; therefore, sufficient funds are available.

Name	Account	Available Budget	Allocated Amount
Water SCADA Upgrades	908130000712.5702.10600	\$150,988	\$129,707
Sewer SCADA Upgrades	909130500722.5326.10400	\$250,000	\$129,707
	Total	\$400,988	\$259,414

**CITY ATTORNEY'S ANALYSIS**

Purchases should comply with Chapter 28A of the City Code.

**INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

**COMMISSION OR COMMITTEE REPORT**

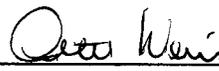
The Utilities Commission was provided with an update at the October 15, 2013, meeting.

**RECOMMENDATIONS**

Staff recommends that the City Council approve a purchase order in the amount of \$259,414 to Wonderware West of Houston, TX for the purchase of Supervisory Control and Data Acquisition software and licenses; and authorize the Financial Services Director, or designee, to execute the purchase order.

PREPARED BY:

  
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