

Council/Agency Meeting Held: _____	City Clerk's Signature
Deferred/Continued to: _____	
<input type="checkbox"/> Approved <input type="checkbox"/> Conditionally Approved <input type="checkbox"/> Denied	
Council Meeting Date: 9/17/2007	Department ID Number: PW 07-057

**CITY OF HUNTINGTON BEACH
REQUEST FOR CITY COUNCIL ACTION**

SUBMITTED TO: HONORABLE MAYOR AND CITY COUNCIL MEMBERS

SUBMITTED BY: *Penelope Culbreth Graft*
PENELOPE CULBRETH-GRAFT, DPA, CITY ADMINISTRATOR

PREPARED BY: DAVID A. WEBB, P.E., ACTING DIRECTOR OF PUBLIC WORKS-*DW*
OPERATIONS

SUBJECT: Approve a Sole Source Procurement with Standard Automation and Control

Statement of Issue, Funding Source, Recommended Action, Alternative Action(s), Analysis, Environmental Status, Attachment(s)
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Statement of Issue: The Public Works Utilities Division is requesting a Sole Source Procurement with Standard Automation and Control of League City, Texas for the purchase of Supervisory Control and Data Acquisition (SCADA) software. Sole Source actions of \$50,000 or more must be approved by City Council.

Funding Source: Funds for the purchase of the software are available in Water Fund business unit, 50691003.82100 and in Sewer Service Fund, business unit 51189003.82600.

Recommended Action: Motion to:

Approve a Sole Source Procurement with Standard Automation and Control of League City, Texas for the purchase of SCADA software.

Alternative Action(s):

Do not approve the Sole Source Procurement and instruct staff on how to proceed.

E-7

REQUEST FOR CITY COUNCIL ACTION

MEETING DATE: 9/17/2007

DEPARTMENT ID NUMBER: PW 07-057

Analysis: In 1999, the Public Works Utilities (Water) Division began work on upgrade of the Supervisory Control and Data Acquisition (SCADA) systems for the City's water and flood control facilities. SCADA systems allow for the remote monitoring and control of engines, pumps and control systems of groundwater wells, reservoir booster stations, flood control stations and sewer lift stations. SCADA provides around the clock information on each of the facilities and sends alarms in event of any equipment failure, breach in security or water quality concern.

The upgrades to the system involved a switchover to a spread spectrum radio and PC-based system. The previous configuration utilized telephone lines and was subject to outages. In 2002, the Sewer Maintenance function of Public Works was moved to the Water Division, forming the Utilities Division. At that time, staff began work on the sewer lift stations SCADA system, converting it to the same platform as water and flood. With the creation of a SCADA Coordinator position and SCADA Technician position, full time staff is now dedicated to operating and maintaining the system. Staff has continued to upgrade and improve the system.

Through the initial design process of the SCADA system, staff and the design professionals opted for Wonderware as the operating software. This procurement is for software that will be an upgrade to the water and flood control SCADA systems at a total proposed cost of \$41,994.70 and a new system that is currently in design for the Wastewater section at a proposed total of \$83,518.32. This is the only software that is compatible with the current SCADA components, and Standard Automation is the sole distributor in the Southern California area.

Strategic Plan Goal: C-2 - Provide quality public services with the highest professional standards to meet community expectations and needs, assuring that the city is sufficiently staffed and equipped overall.

Public Works Commission Action: Not required.

Environmental Status: Not applicable.

Attachment(s):

City Clerk's Page Number	No.	Description
3	1.	Sole Source Justification

E7.3

ATTACHMENT #1

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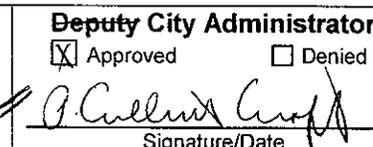


CITY OF HUNTINGTON BEACH

Sole Source Justification

(For use on all goods and services acquisitions.)

This justification document consists of two (2) pages. All information must be provided and all questions must be answered. The "Required Approvals" section must include a date for each signature, as appropriate for the transaction.

Requesting Department Information			
Date: August 22, 2007			
Requestor Name: Michael Fry	Division Manager: Howard Johnson <small>(Type names. Do not sign.)</small>		
Department: Public Works	Department Head: David Webb <small>(Type names. Do not sign. Must be same as signature below.)</small>		
Department Contact Information			
Contact Name: Michael Fry	Street Address: 19001 Huntington St		
Telephone: 536-5206			
Fax:	Shipping Address: same		
Cellular phone: 714-334-9774			
Required Contact Information			
Contractor/Supplier Name: Standard Automation and Control			
Contractor/Supplier Address: 2450 South Shore Blvd, Suite 210			
Contractor/Supplier City/State/Zip: League City, TX 77573			
Original Contract Amount: \$ <small>(*Includes original contract and previously approved amendments)</small>	Amendment Amount: * (if applicable) \$ <small>(*Current amendment only)</small>	New Contract Amount: * \$116,439⁵ / 125,513.⁰² <small>(*Includes original contract and all amendments, including current amendment)</small>	
Provide a brief description of the acquisition, including all goods and/or services the contractor will provide:			
Supervisory Control and Data Acquisition (SCADA) software "Industrial Application Server" with adequate I/O and components to manage the Water and Wastewater SCADA systems. SEE requisitions OR 56741 and OR 56740			
Contract Type and Term			
Contract Type: Select One: <input checked="" type="checkbox"/> Goods <input type="checkbox"/> Service <input type="checkbox"/> Goods & Services	Contract Term: Begin: with purchase order End:	What account number will be used to purchase? Business Unit: 50691003 and 51189003 Object Code: 82100 and 82600 respectively	
Required Approvals			
Department Head <input type="checkbox"/> Approved <input type="checkbox"/> Denied  Signature/Date 8-23-07	Central Services Manager <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied  Signature/Date	Finance Director <input type="checkbox"/> Approved <input type="checkbox"/> Denied  Signature/Date	Deputy City Administrator <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied  Signature/Date (Transactions exceeding \$50,000 must be approved by council)



CITY OF HUNTINGTON BEACH

Sole Source Justification

(For use on all goods and services acquisitions.)

Complete responses must be provided for all of the following items.

A. THE GOOD/SERVICE REQUESTED IS RESTRICTED TO ONE SUPPLIER FOR THE REASONS STATED BELOW:

1. Why is the acquisition restricted to this goods/services/supplier?

(Explain why the acquisition cannot be competitively bid.)

Wonderware is the only software compatible with our Supervisory Control and Data Acquisition (SCADA) system and Standard Automation and Control is the distributor in our area.

2. Provide the background of events leading to this acquisition.

The Water Division upgraded its SCADA system to Wonderware's® software in 2000. We have a contract with DLT&V Systems Engineering, Inc. who is current designing a new SCADA system for the Wastewater Section and then will integrate the two systems together.

3. Describe the uniqueness of the acquisition (why was the good/service/supplier chosen?).

Beginning in 1999, the Public Works Utilities (Water) Division worked with various consultants and design professionals to upgrade the SCADA system to a spread spectrum radio/PC based system. The previous configuration utilized phone lines and was therefore subject to any outages of phone service. Through an exhaustive process, a system utilizing Wonderware was recommended and installed/implemented.

4. What are the consequences of not purchasing the goods/services or contracting with the proposed supplier?

We will have expended \$110,000 in designing a system for software we cannot purchase.

5. What market research was conducted to substantiate no competition, including evaluation of other items considered?

(Provide a narrative of your efforts to identify other similar or appropriate goods/services, including a summary of how the department concluded that such alternatives are either inappropriate or unavailable. The names and addresses of suppliers contacted and the reasons for not considering them must be included OR an explanation of why the survey or effort to identify other goods/services was not performed.) Standard Automation is the Southern California distributor of Wonderware applications.

B. PRICE ANALYSIS

1. How was the price offered determined to be fair and reasonable?

(Explain what the basis was for comparison and include cost analyses as applicable.)

Sole distributor of proprietary software currently utilized by the Division.

2. Describe any cost savings realized or costs avoided by acquiring the goods/services from this supplier.

None noted.

Remit completed form to:

City of Huntington Beach - Central Services Division
2000 Main Street, Huntington Beach, CA 92648-2702