

## RESOLUTION NO. 913

### A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GIG HARBOR, WASHINGTON WAIVING THE REQUIREMENT FOR COMPETITIVE BIDS FOR PURCHASE OF SCADA SYSTEM EQUIPMENT, SOFTWARE, AND TECHNICAL SUPPORT FOR THE CITY'S WATER DEPARTMENT.

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WHEREAS, the City of Gig Harbor's Water Department operates and maintains a water system consisting of six wells, six reservoirs, and related appurtenances (e.g. pumps, valves, alarms, etc.); and

WHEREAS, these wells and reservoirs control water pressures and fire flow availability for the City's Water System and are operated by a supervisory control and data acquisition (SCADA) system; and

WHEREAS, the SCADA system operates 24 hours a day for each day of the week and is a critical piece of infrastructure that consists of one computer located at the City Shop building; and

WHEREAS, the current SCADA system computer and software were placed into service in 2004 by Technical Systems, Inc. (TSI) with a Windows 2000 operating system and a 2001 version of Wonderware software and TSI continues to provide technical support to the City for the SCADA system; and

WHEREAS, the computer and software that currently operate the SCADA system are outdated and reaching the end of the anticipated lifespan; and

WHEREAS, the City desires to continue to use Wonderware software and TSI as an 'in-kind' replacement with technological as it is compatible with existing infrastructure and processes; and

WHEREAS, due to the critical nature of this software and the reliance on City Staff to operate the software in a reliable, predictable and familiar manner in emergency situations, Staff is requesting the continued use of Wonderware Software and programming and technical support by Technical Systems, Inc.; and

WHEREAS, the City's purchasing policy set forth in Resolution No. 593 authorizes the waiver of competitive bidding in the event the product comes from a sole supplier; Now, therefore,

THE CITY COUNCIL OF THE CITY OF GIG HARBOR, WASHINGTON,  
HEREBY RESOLVES AS FOLLOWS:

**Section 1. Waiver of Competitive Bidding.** As authorized by Section 2 of Resolution No. 593, competitive bidding is hereby waived for the purchase of equipment, software, and technical support for the City Water Department's SCADA system from Technical Systems, Inc. as the sole source of the product and services.

RESOLVED this 13th day of November, 2012.

CITY OF GIG HARBOR

Charles L. Hunter  
MAYOR, CHARLES L. HUNTER

ATTEST/AUTHENTICATED:

Molly Towslee  
CITY CLERK, MOLLY M. TOWSLEE

FILED WITH THE CITY CLERK: 10/31/12  
PASSED BY THE CITY COUNCIL: 11/13/12  
RESOLUTION NO. 913

October 26, 2012



Technical  
Systems  
Inc.

2303 196th Street SW  
Lynnwood, WA 98036  
Tel 425.775.5696  
Fax 425.775.9074  
TSIcontrols.com

Jeff Langhjem, PE  
Senior Engineer  
City of Gig Harbor  
3510 Grandview Street  
Gig Harbor, WA 98335

Reference: City of Gig Harbor Telemetry  
Subject: Computer and Wonderware Upgrade and Misc Programming: – Ref. quote #  
6337 Rev. 1

Dear Mr. Langhjem:

Technical Systems, Inc. (TSI) is pleased to provide a quote for the above referenced projects. TSI's pricing does not include the cost to bond TSI's portion of the project.

TSI's price for the equipment/software purchase and installation: **\$ 28,675.00**

TSI's price for the equipment/software programming and testing: **\$12,435.00**

TSI's price for training and technical support: **\$4,920.00**

This project does not include the 8.5% Gig Harbor sales tax or bonding.

Terms: Net 30  
FOB: Lynnwood WA  
Freight: Prepaid

This quote is valid for 90 days.

Please call me if you have any questions regarding this quote.

Sincerely,

*Andrew Palmberg*

Andrew Palmberg, P.E.  
Technical Systems Inc.

Expect  
Excellence

## **Scope of Work**

Replace Computers and upgrade Wonderware

TSI Provides:

- The following new hardware to be installed and set up at the Gig Harbor maintenance facility:
  - Qty 1 Desktop with Windows 7 OS and current version of Office
  - Qty 1 32" Monitor
  - Qty 1 Ink Jet Printer
  - Upgrade to version 10.1 Intouch 3K tag w/ I/O
  - Upgrade to Development Studio version 10.1 Large 5K/3K/500
  - Qty 1 Win 911 upgrade w/ Modems
  - Qty 1 PC Anywhere for Windows 7
  - Qty 1 1500 VA Uninterruptible Power Supply for backup power
  - Historian
  - HMI Reports
- Programming to convert the existing Wonderware applications to the current version and to reconfigure Win 911, PCAnywhere and the printers. Programming for Historian and HMI Reports for 5 reports to be determined by the City. Programming to allow City to input maintenance schedules, etc. from the Wonderware screen. Testing of the new configuration
- Startup
- O&M Documentation
- One Year Warranty

## **STANDARD INCLUSIONS**

We provide the following unless specifically excluded on our bill of material:

- 1) Equipment shipped FOB factory with freight allowed, tailgate, destination.
- 2) Field wiring diagrams showing interconnection of field instruments and instrumentation panels.
- 3) Instruction manuals as required.
- 4) All necessary field start-up and calibration of the equipment we supply.

## **STANDARD EXCLUSIONS**

We do NOT include the following unless specifically included in our bill of material:

- 1) Pipe, tubing, valves or fittings between the instrument and the process.
- 2) Mounting brackets, stanchions, supports or mounting pads not an integral part of the instrument.
- 3) Labor to install the equipment.
- 4) The Cost, (if due to local union regulations), to have local craftsman make adjustments or wiring modifications to our equipment during start-up and calibration.
- 5) Any material or services not in our quoted sections.
- 6) This proposal is based on award of a supply purchase order and does not include any of the costs associated with bonding or subcontract administration. If bonding or a subcontract is required they can be provided for additional cost.