

ORDINANCE NO. 184171

Authorize a special procurement with Telvent USA Corporation for an upgrade to the SCADA Master Station for the Water Control Center Server Replacement Project (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. The Water Bureau SCADA (Supervisory Control and Data Acquisition) system is the central computer system which is critical for the supply of drinking water to the City of Portland.
2. The Water Bureau requires that its SCADA system be upgraded to maintain its integrity.
3. Telvent USA Corporation (formerly Valmet Automation (USA) Inc.) can provide an upgrade to the SCADA Master Station as specified in the negotiated Statement of Work for the Water Control Center SCADA Server Replacement Project.
4. The Chief Technology Officer has granted an exception to City Administrative Rule BTS 1.01 for the Water Bureau SCADA system upgrades.
5. A special procurement of the SCADA system upgrade with Telvent USA Corporation will result in the best system for the Water Bureau, with the minimum technical risk to the operation of the water system.
6. Telvent USA Corporation is the only SCADA system vendor certified by Homeland Security to be able to provide a fully integrated SCADA system that is cyber secure.
7. The disaster recovery component of the Telvent upgrade is a fully functional SCADA system that has the capacity for control of future Ultraviolet (UV) Treatment Facilities without further cost or reconfiguration of the core system.
8. The decision to authorize a special procurement for a Telvent upgrade is based on the following:
 - a. To maintain communication and control of our existing proprietary Telvent remote terminal units (RTUs), allowing the replacement of these RTUs to proceed over time without additional FTE resources. These RTUs currently provide control of most of our major pumping stations including the Groundwater Pumping Station.
 - b. The new system is an upgrade of the existing system, allowing existing displays and logic to be easily migrated, without additional FTE resources.
 - c. The control strategies of the existing Telvent RTUs are able to be maintained and downloaded to the RTUs.

9. This is a special procurement per the requirements of PCC 5.33.220 for Software and Hardware Maintenance and Upgrades.
10. The anticipated cost of the contract is \$1,595,388 and is available in the FY 2010-2011 Budget. Additional funds will be requested in the FY 2011-2012 Budget.

NOW, THEREFORE, the Council directs:

- a. The Chief Procurement Officer is hereby authorized to execute a contract with Telvent USA Corporation for the project described in Section 1 hereof, as long as it is approved as to form by the City Attorney.
- b. The Mayor and Auditor are hereby authorized to draw and deliver checks chargeable to the Water Fund, when demand is presented and approved by the proper authorities.
- c. Amendments to the agreement may be executed by the Chief Procurement Officer. Any increase exceeding twenty-five percent of the total compensation would need City Council approval.

Passed by the Council,

OCT 20 2010

Commissioner Leonard
Mark Tischler
September 21, 2010

LaVonne Griffin-Valade
Auditor of the City of Portland

By

Susan Parsons
Deputy

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✓140

Agenda No.
ORDINANCE NO. 184171
Title

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<p>INTRODUCED BY Commissioner/Auditor: Commissioner Leonard</p> <p>COMMISSIONER APPROVAL</p> <p>Mayor—Finance and Administration - Adams</p> <p>Position 1/Utilities - Fritz</p> <p>Position 2/Works - Fish</p> <p>Position 3/Affairs - Saltzman</p> <p>Position 4/Safety - Leonard <i>Handwritten signature</i></p> <p>BUREAU APPROVAL</p> <p>Bureau: Water Bureau Head: David G. Shaff <i>Handwritten signature</i></p> <p>Prepared by: Mark Tischler Date Prepared: September 21, 2010</p> <p>Financial Impact Statement Completed <input checked="" type="checkbox"/> Amends Budget <input type="checkbox"/> Not Required <input type="checkbox"/></p> <p>Portland Policy Document If "Yes" requires City Policy paragraph stated in document. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Council Meeting Date October 20, 2010</p> <p>City Attorney Approval</p>	<p>CLERK USE: DATE FILED <u>OCT 08 2010</u></p> <p style="text-align: right;">LaVonne Griffin-Valade Auditor of the City of Portland</p> <p>By: <i>Handwritten signature</i> Deputy</p> <p>ACTION TAKEN:</p> <p>OCT 13 2010 PASSED TO SECOND READING OCT 20 2010 9:30 A.M.</p>
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AGENDA
<p>TIME CERTAIN <input type="checkbox"/></p> <p>Start time: _____</p> <p>Total amount of time needed: _____ (for presentation, testimony and discussion)</p> <p>CONSENT <input checked="" type="checkbox"/></p> <p>REGULAR <input type="checkbox"/></p> <p>Total amount of time needed: _____ (for presentation, testimony and discussion)</p>

FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:		
		YEAS	NAYS
1. Fritz	1. Fritz	✓	
2. Fish	2. Fish	✓	
3. Saltzman	3. Saltzman	✓	
4. Leonard	4. Leonard	_____	_____
Adams	Adams	✓	