

ORDINANCE NO. 186513

Authorize a contract with Black & Veatch Corporation for a Water Quality Corrosion Study in the amount of \$240,000 (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. The Water Bureau plans to conduct a Water Quality Corrosion Study to evaluate the impacts of water quality changes on lead corrosion in the distribution system. This Study will help the Bureau determine if changes in the corrosion control program are needed to reduce lead levels and ensure compliance with the United States Environmental Protection Agency's Lead and Copper Rule.
2. The rate of lead corrosion is dependent on multiple water quality parameters including pH, alkalinity, water temperature, and disinfection residuals. The Water Bureau's water system will be undergoing multiple system changes (physical and operational) over the next 10 to 15 years which may produce changes in these water quality parameters and lead corrosion rates. The water system is also experiencing more pronounced seasonal changes in water quality that may influence lead corrosion.
3. It is important to take a proactive approach to evaluating the combined effects of these system changes. Evaluating all of these system changes now will help ensure compliance with the Lead and Copper Rule during transition periods and after all system changes are in place. A proactive approach will establish solid baseline water quality data that will be used to identify potential water quality changes; evaluate the impact of water quality changes, either positive or negative, on lead corrosion; identify the need for any operational changes or adjustments to pH and alkalinity to control lead corrosion; and plan for and identify the proper timing for any recommended improvements.
4. The Water Bureau coordinated with City Procurement and used the formal Request for Proposal process for Professional Services Contracts. The evaluation criteria included specific requirements the Proposers would be required to meet in order to perform the highly specialized work for the project. Proposals were received from CH2M Hill, Black & Veatch Corporation, and HDR Engineering, Inc.
5. The corporate responsibility evaluation criteria had not been developed at the time of the evaluation which required evaluators to evaluate proposals based on the employment and contracting requirement criteria. Each Proposer identified in their proposal that they had conducted a search for opportunities to work with State of Oregon certified M/W/ESB vendors but due to the highly specialized technical expertise for the evaluation of lead corrosion in chlorinated water systems including expertise in distribution system chemistry, microbiology, biofilms, lead transfer mechanisms and monitoring techniques required, the Proposers were unable to obtain firms capable of meeting the requirements of the project.

6. Black & Veatch Corporation identified activities they participate in which focus specifically on meeting with qualified women and minorities to discuss partnering and job opportunities with the firm. Black & Veatch Corporation also identified a history of partnering with M/W/ESB subconsultants. The Contract provides \$35,947 or 15% to woman-owned businesses that are not State of Oregon certified M/W/ESBs.
7. The total not to exceed value of the contract is \$240,000. This project will be funded through the Capital Planning Program Regulatory Monitoring/Compliance Program. Partial funding of \$50,000 is available in the FY 2013-14 Budget. Additional funding of \$128,000 has been requested in the FY 2014-15 Budget and \$62,000 in the FY 2015-16 Budget. The total project cost including internal costs is \$380,000.

NOW, THEREFORE, the Council directs:

- a. That the Chief Procurement Officer and Auditor are authorized to execute on behalf of the City a contract with Black & Veatch Corporation in a form in accordance with the contract attached as Exhibit A.
- 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.

Passed by the Council, **MAR 26 2014**

Commissioner Nick Fish
Michelle Cheek
February 12, 2014

LaVonne Griffin-Valade
Auditor of the City of Portland

By *Gayla Jennings* Deputy

275 288

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Agenda No.
ORDINANCE NO. 186513
Title

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<p style="text-align: center;">INTRODUCED BY Commissioner/Auditor: Commissioner Nick Fish</p> <hr/> <p style="text-align: center;">COMMISSIONER APPROVAL</p> <p>Mayor—Finance and Administration - Hales</p> <p>Position 1/Utilities - Fritz</p> <p>Position 2/Works - Fish</p> <p>Position 3/Affairs - Saltzman</p> <p>Position 4/Safety - Novick</p> <hr/> <p style="text-align: center;">BUREAU APPROVAL</p> <p>Bureau: Water Bureau Head: David G. Shaff</p> <p>Prepared by: Michelle Cheek Date Prepared: February 12, 2014</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 March 19, 2014</p> <p>City Attorney Approval: required for contract, code, easement, franchise, comp plan, charter</p>	<p>CLERK USE: DATE FILED <u>MAR 14 2014</u></p> <p style="text-align: center;">LaVonne Griffin-Valade Auditor of the City of Portland</p> <p>By: Deputy</p> <p>ACTION TAKEN:</p> <p>MAR 19 2014 PASSED TO SECOND READING MAR 26 2014 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 type="checkbox"/></p>
<p>REGULAR <input checked="" type="checkbox"/></p> <p>Total amount of time needed: 15 minutes (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. Novick	4. Novick	✓	
Hales	Hales	✓	