

## ORDINANCE NO. 186436

Authorize a contract and provide payment for the construction of the Groundwater Electrical Supply Improvements Project at an estimated cost of \$1,810,000 (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. The Water Bureau requires the construction of a second main transformer at the Groundwater Pump Station (GWPS), installed in parallel with the existing transformer. The overall purpose of the project is to provide an installed spare transformer to reduce vulnerability to transformer failure. Both transformers will carry about half the loads of the pump station. A manual switch will permit rapid transfer of loads from a failed transformer to the other transformer. Once the construction work is completed the GWPS will be able to operate when either transformer is isolated for maintenance.
2. A benefit-cost analysis revealed that the benefits of avoiding water outages were greater than the cost of the Groundwater Electrical Supply Improvements Project. The project also includes replacement of the air circuit breaker associated with the existing transformer, another critical component for which maintenance has become difficult.
3. The need for this type of project to reduce vulnerability to electrical failures was identified in the Water Bureau System Vulnerability Analysis 2000, and in later reports. The risk cost of a transformer failure is particularly large because of the long lead time needed for transformer replacement, which is approximately six months.
4. The estimated cost for the work under this construction contract is \$1,810,000 with a high level of confidence rating.
5. Funding for this project will be requested in the FY 2014-15 Budget.

NOW, THEREFORE, the Council directs:

- a. Upon the Council's acceptance of the Chief Procurement Officer's report recommending the lowest responsible bidder, the Chief Procurement Officer is authorized to negotiate and execute a contract, provided the contract has been approved as to form by the City Attorney's office.

- 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, JAN 29 2014

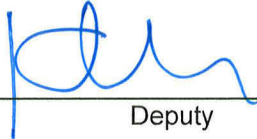
Commissioner Nick Fish  
Patrick Easley  
December 11, 2013

**LaVonne Griffin-Valade**  
Auditor of the City of Portland

By  Deputy

Agenda No. **186436**  
ORDINANCE NO.  
Title

Authorize a contract and provide payment for the construction of the Groundwater Electrical Supply Improvements Project at an estimated cost of \$1,810,000 (Ordinance)

<p style="text-align: center;"><b>INTRODUCED BY</b> Commissioner/Auditor: <b>Commissioner Nick Fish</b></p> <hr/> <p style="text-align: center;"><b>COMMISSIONER APPROVAL</b></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;"><b>BUREAU APPROVAL</b></p> <p>Bureau: Water</p> <p>Bureau Head: David G. Shaff</p> <p>Prepared by: Patrick Easley Date Prepared: December 11, 2013</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 <b>January 15, 2014</b></p> <p><b>City Attorney Approval:</b> required for contract, code, easement, franchise, comp plan, charter</p>	<p>CLERK USE: DATE FILED <u>JAN 17 2014</u></p> <p style="text-align: right;">LaVonne Griffin-Valade Auditor of the City of Portland</p> <p>By:  Deputy</p> <p><b>ACTION TAKEN:</b></p> <p style="text-align: center;"><b>JAN 22 2014 PASSED TO SECOND READING JAN 29 2014 9:30 A.M.</b></p>
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<b>AGENDA</b>
<p><b>TIME CERTAIN</b> <input type="checkbox"/></p> <p>Start time: _____</p> <p><b>Total amount of time needed:</b> _____ (for presentation, testimony and discussion)</p>
<p><b>CONSENT</b> <input checked="" type="checkbox"/></p>
<p><b>REGULAR</b> <input type="checkbox"/></p> <p><b>Total amount of time needed:</b> _____ (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	✓	