

## ORDINANCE No. 183464

Amend contract with Brown and Caldwell for additional work and compensation for the Fanno Basin pump station pressure main – Multnomah Section Project No. E08294 (Ordinance; amend Contract No. 37106)

The City of Portland ordains:

Section 1. The Council finds:

1. The Bureau of Environmental Services (BES) has need of continuing professional engineering services provided by Brown and Caldwell (B&C) for the completion of design work for required Fanno Basin System Improvements projects.
2. B & C is continuing to provide professional engineering services under Contract No. 37106, effective December 4, 2006 with an expiration date of December 03, 2011.
3. Additional engineering investigations and BES flow modeling of the Fanno Basin systems have concluded that a number of additional project elements are required to resolve the deficiencies in the Fanno Basin (FABA) pump station and pressure line system. To address the deficiencies BES has established primary project E09045 Fanno Basin System Improvements that includes five secondary projects for which B&C is the engineer of record under Contract No. 37106.
4. Project E08294 FABA Pump Station Force Main: Multnomah Section Replacement is required to replace a single 30-inch polyvinyl chloride pressure line, which studies project will fail prematurely from fatigue damages, with two parallel ductile iron pipe pressure mains to provide additional flow capacity and to achieve a minimum 50-year service life for the force main.
5. Project E09050 FABA Surge Tanks is required to provide long term reliability and to protect the planned parallel pressure line, valves and pumping equipment from damage due to pressure transient conditions in the force main system during normal operations, and during power failure events.
6. Project E09051 FABA Pump Station Expansion is required to add additional pumping capacity at the FABA pump station that flow monitoring and system modeling show is needed to capture and convey peak influent flows at the FABA pump station during a 5-year storm event in the Fanno Basin system.
7. Project E09052 Burlingame Trunk Sewer Improvements is required to provide additional flow capacity in the existing Burlingame trunk sewer that receives flow from the FABA pump station force main system. Investigations by BES have demonstrated that a portion of the downstream gravity sewer system in SW Multnomah Blvd to the east side of I-5 must be improved to adequately convey the additional flow capacity.
8. Project E09168 Multnomah Stormwater Improvements is required to design and build or improve twelve storm water management facilities along the alignment of the Multnomah Section of the FABA pressure line.
9. The estimated cost of this contract amendment is \$881,379. Funds are available in the Sewer System Operating Fund, FY 2010 Budget, Bureau of Environmental Services, Projects E08294, E09050, E09051, E09052, and E09168. The level of confidence in the negotiated cost for the proposed amendment 5 to contract No. 37106 with Brown and Caldwell is high.

10. M/W/ESB participation after the authorization of this contract amendment will be \$859,715, 29.2% of the total amended contract amount of \$2,939,523.

NOW, THEREFORE, the council directs:

- a. The Commissioner of Public Affairs and Auditor are authorized to execute an amendment to Contract 37106 with Brown and Caldwell, in a form substantially in accordance with the amendment attached as Exhibit A, for the purpose described in Section 1, in the amount of \$881,379.
- b. The Mayor and Auditor are hereby authorized to draw and deliver warrants chargeable to the Sewer System Operating Fund Budget when demand is presented and approved by the proper authority.

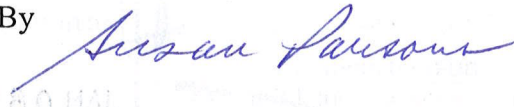
Passed by the Council, JAN 13 2010  
Dan Saltzman  
Commissioner of Public Affairs

Scott Gibson  
December 4, 2009

WBS E08294 - ord

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

By



Deputy

Agenda No. **183464**  
**ORDINANCE NO.**  
 Title

Amend contract with Brown and Caldwell for additional work and compensation for the Fanno Basin pump station pressure main – Multnomah Section, Project No. E08294 (Ordinance; Amend Contract No. 37106)

<p><b>INTRODUCED BY</b> Commissioner/Auditor:</p> <p><b>COMMISSIONER APPROVAL</b></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</p> <p><b>BUREAU APPROVAL</b></p> <p>Bureau: Environmental Services Bureau Head: Dean Marriott</p> <p>Prepared by: Scott Gibson Date Prepared: December 4, 2009</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 6, 2010</b></p> <p>City Attorney Approval <b>D.H.</b></p>	<p>CLERK USE: DATE FILED <b>DEC 31 2009</b></p> <p style="text-align: right;">LaVonne Griffin-Valade Auditor of the City of Portland</p> <p>By: <u>[Signature]</u> Deputy</p> <p><b>ACTION TAKEN:</b></p> <p style="text-align: center;"><b>JAN 06 2010 PASSED TO SECOND READING JAN 13 2010 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>Total amount of time needed: _____ (for presentation, testimony and discussion)</p>
<p><b>CONSENT</b> <input checked="" type="checkbox"/></p>
<p><b>REGULAR</b> <input checked="" type="checkbox"/> <i>no</i></p> <p>Total amount of time needed: <b>10-minutes</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. Leonard	4. Leonard	✓	
Adams	Adams	✓	