

REPORT TO COUNCIL

January 28, 2020

Accept contract with Shearer & Associates, Inc. for the construction of the Council Crest Roof Replacement as complete, release retainage and authorize final payment (Report; Contract No. 30006340)

Council Crest tank is the highest-elevation tank in southwest Portland and serves approximately 1,300 customers. Currently, the tank does not have any backup gravity supplies.

A risk analysis found the risk level associated with this tank to be high, based on the likelihood and consequences of failure. A condition assessment determined that the roof of the tank has extensive corrosion above the water line. The condition of the roof makes it vulnerable to failure from the effects of an earthquake, ice or windstorm. Roof failure would mean the Water Bureau would have to issue a long-term Boil Water Notice, customers would experience nightly outages, reactive repair costs would be higher than planned costs and accommodating for the temporary loss of the tank would put operational pressure on other parts of the system.

To mitigate the risk of the tank, the Water Bureau replaced the dome roof structure and upper wall segments of the existing Council Crest tank. The work included replacing the existing electrical, instruments and installing a cathodic protection system. The tank was repainted, and a new ladder and platform were installed for safe access to the tank hatches and instruments. During construction, it was discovered that a portion of the existing interior lining of the tank was in poor condition and required removal and replacement. A change order was issued and the contractor completed the additional work.

Per Resolution No. 36430, a post-project evaluation is required for projects over \$500,000 and this Report to Council is completing that requirement. The purpose of the evaluation is to compare the project estimate to the amount of the contract award and to report the total amount of change orders issued during the project.

Ordinance No. 188417 authorized competitive bidding for the construction of the Council Crest Roof Replacement Project (Project) which was solicited through Bid No. 00000831. The total Project cost was estimated at \$1,300,000 with a high confidence level. The final Project costs will be approximately \$1,883,000 upon closeout.

On May 29, 2018, a contract in the amount of \$996,247.80 was entered into with Shearer & Associates, Inc. for construction of the Project. Change Order No. 1 added 24 days to the contract and Change Order 2 added an additional 24 days to the contract. The contract change orders authorized an additional \$87,223.02 to the contract. This was an increase of

8.76% of the original contract amount. The final construction contract total is \$1,083,470.82. All work was completed satisfactorily by Shearer & Associates, Inc.

The subconsultant participation by the Certification Office for Business Inclusion and Diversity (COBID) as Disadvantaged (D), Minority (M), Women (W), Emerging Small Business (ESB) or Service Disabled Veterans Business Enterprises (SDVBE) (collectively, "COBID firms") for this contract was \$55,611 or 5.133% of the total paid to all subcontractors. Shearer & Associates, Inc. was the only responsive bidder for the Project. The majority of the work was accomplished by the prime contractor or specialty contractors, resulting in low participation by COBID firms.

The Project is now complete, and all work has been executed in accordance with the contract. It is recommended that Council accept the post-project evaluation and accept the contract with Shearer & Associates, Inc. as complete, release retainage and authorize final payment.

TO THE COUNCIL:

The Commissioner of Public Works concurs with the above Report to Council and;

RECOMMENDS

That the Council accepts the contract with Shearer & Associates, Inc. as complete, release retainage and authorize final payment.

Respectfully submitted,

Commissioner Amanda Fritz

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 Agenda No.
REPORT
 Title

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<p style="text-align: center;">INTRODUCED BY Commissioner/Auditor: Commissioner Amanda Fritz</p>	CLERK USE: DATE FILED <u>MAR 17 2020</u>
<p style="text-align: center;">COMMISSIONER APPROVAL</p> <p>Mayor—Finance & Administration - Wheeler</p> <p>Position 1/Utilities - Fritz <i>Amanda Fritz</i></p> <p>Position 2/Works - Vacant</p> <p>Position 3/Affairs - Hardesty</p> <p>Position 4/Safety - Eudaly</p>	<p style="text-align: center;">Mary Hull Caballero Auditor of the City of Portland</p> <p>By: <u><i>[Signature]</i></u> Deputy</p>
<p style="text-align: center;">BUREAU APPROVAL</p> <p>Bureau: Water Bureau Head: Michael Stuhr, P.E. <i>[Signature]</i></p>	<p>ACTION TAKEN:</p>
<p>Prepared by: Dan Hogan, P.E., G.E. Date Prepared: January 28, 2020</p>	
<p>Impact Statement Completed <input checked="" type="checkbox"/> Amends Budget <input type="checkbox"/></p>	
<p>City Auditor Office Approval: required for Code Ordinances</p>	
<p>City Attorney Approval: required for contract, code, easement, franchise, charter, Comp Plan <i>[Signature]</i></p>	
<p>Council Meeting Date March 25, 2020</p>	

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 checked="" 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. Vacant	2. Vacant		
3. Hardesty	3. Hardesty		
4. Eudaly	4. Eudaly		
Wheeler	Wheeler		