

ORDINANCE No. 190181

Amend contract with CH2M Hill Engineers, Inc. to expand design, permitting, and construction support engineering services for the Columbia Blvd Wastewater Treatment Plant Secondary Treatment Expansion Program, Project No. E07947, not to exceed \$14 million (Ordinance; amend Contract No. 30006543)

The City of Portland ordains:

Section 1. The Council finds:

1. The Bureau of Environmental Services (BES) operates the Columbia Boulevard Wastewater Treatment Plant (CBWTP) to provide wastewater treatment for the City of Portland, in accordance with State of Oregon Department of Environmental Quality issued National Pollutant Discharge Elimination System permit requirements.
2. BES is required to increase the capacity of the treatment plant's biological treatment system by adding additional secondary clarifiers under a Mutual Agreement and Order with the Oregon Department of Environmental Quality.
3. The CBWTP was constructed in 1952 and has since operated daily, 24 hours a day to provide services to all City of Portland residents, businesses, and visitors. Many of the facilities affected by the Secondary Treatment Expansion Program date from the 1970s, when the last major expansion of the secondary treatment systems at the plant occurred.
4. BES required professional consulting engineering services for predesign, design, and construction engineering support services for the CBWTP Secondary Treatment Expansion Program.
5. Using the consultant selection procedures established in the Professional, Technical and Expert (PTE) Services Manual per Chapter 5.68 of the Code of the City of Portland, the selection committee recommended CH2M Hill Engineers for award of the PTE contract.
6. Ordinance No. 189056A, passed by the Council on June 27, 2018, authorized BES to enter Contract No. 30006543 with CH2M Hill Engineers, for the required engineering and support services, in the amount of \$28,052,711, with D/M/W/ESB participation of 25.1%, or \$7,028,764.
7. In order to best manage project implementation risks and provide earlier cost management planning and control, the Council approved the use of a Construction Manager/General Contractor (CM/GC) alternative contract delivery method via Ordinance No. 188630, passed by the Council on October 04, 2017.
8. The CM/GC was selected competitively via RFQ 0000723 and RFP 00001126 with services initiated in June 2018 prior to the 20 percent design phase milestone of the program.
9. The 20 percent design findings, combined with the early participation of the CM/GC, exposed conditions and challenges in connecting new and old facilities, in meeting seismic resiliency

criteria with existing facilities, and in maintaining safe and continuous operation of the CBWTP while in construction, increasing the overall complexity of the design.

10. In the 30 percent design phase, BES prioritized scope elements and reduced construction cost estimates.
11. This Council item requests authorization for an increase to the current professional consulting engineering services for predesign, design, and construction engineering support services for the CBWTP Secondary Treatment Expansion Program with CH2M Hill Engineers (also known as Jacobs, Inc.) to address the predesign findings and increased complexity of the project. Notwithstanding the increased need for services, the new scope of the contract will remain largely consistent with the original scope.
12. The requested amendment is estimated not to exceed \$14,000,000, with a resulting total D/M/W/ESB participation of at least 23.8%, or approximately \$10,000,000. The level of confidence in the estimated cost is Optimal. Funds are available in the Sewer System Operating Fund, FY 2021-2022 Budget, Bureau of Environmental Services, WBS Element E07947.

NOW, THEREFORE, the Council directs:

- a. The Chief Procurement Officer is authorized to execute an amendment to Contract 60006543 with CH2M Hill Engineers, Inc. for the purposes described in Section 1, in a form similar to the amendment added as Exhibit A, by an amount not-to-exceed \$14,000,000, provided the amendment has been approved as to form by the City Attorney.
- 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: October 28, 2020
Commissioner Fritz

Prepared by: Muriel Gueissaz-Teufel
Date prepared: September 25, 2020

Cost object – E07947

Mary Hull Caballero
Auditor of the City of Portland

By



Deputy

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<p style="text-align: center;">INTRODUCED BY Commissioner/Auditor: Amanda Fritz</p>	<p>CLERK USE: DATE FILED <u>October 13, 2020</u></p>
<p style="text-align: center;">COMMISSIONER APPROVAL</p>	<p style="text-align: center;">Mary Hull Caballero Auditor of the City of Portland</p> <p>By: <u>Keelan McClymont</u> Digitally signed by Keelan McClymont Date: 2020.10.13 11:05:04 -07'00'</p> <p style="text-align: right;">Deputy</p> <p>ACTION TAKEN: October 21, 2020 Passed to Second Reading October 28, 2020 at 9:30 a.m.</p>
<p>Mayor—Finance & Administration - Wheeler</p>	
<p>Position 1/Utilities - Fritz Tim Crail on behalf of Commissioner Fritz Digitally signed by Tim Crail on behalf of Commissioner Fritz Date: 2020.10.13 10:14:38 -07'00'</p>	
<p>Position 2/Works - Ryan</p>	
<p>Position 3/Affairs - Hardesty</p>	
<p>Position 4/Safety - Eudaly</p>	
<p style="text-align: center;">BUREAU APPROVAL</p>	
<p>Bureau: Environmental Services Bureau Head: <u>Michael Jordan</u> Digitally signed by Michael Jordan Date: 2020.10.08 13:06:43 -07'00'</p>	
<p>Prepared by: Date Prepared: <u>10/1/2020</u></p>	
<p>Impact Statement <u>Muriel Gueissaz-Teufel</u> Completed <input checked="" type="checkbox"/> Amends Budget <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>City Auditor Office Approval: required for Code Ordinances</p>	
<p>City Attorney Approval: <u>Eric Shaffner</u> Signature numérique de Eric Shaffner Date: 2020.10.07 10:08:10 -07'00' required for contract, code, easement, franchise, comp plan, charter</p>	
<p>Council Meeting Date <u>October 21, 2020</u></p>	

<p style="text-align: center;">AGENDA</p> <p>TIME CERTAIN <input checked="" type="checkbox"/> Start time: <u>2:00pm</u> Total amount of time needed: <u>45 minutes</u> (for presentation, testimony and discussion)</p> <p>CONSENT <input type="checkbox"/></p> <p>REGULAR <input type="checkbox"/> Total amount of time needed: _____ (for presentation, testimony and discussion)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">FOUR-FIFTHS AGENDA</th> <th colspan="2">COMMISSIONERS VOTED AS FOLLOWS:</th> </tr> <tr> <th></th> <th style="width: 20%;">YEAS</th> <th style="width: 20%;">NAYS</th> </tr> <tr> <td>1. Fritz</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>2. Ryan</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>3. Hardesty</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>4. Eudaly</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Wheeler</td> <td style="text-align: center;">✓</td> <td></td> </tr> </table>	FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:			YEAS	NAYS	1. Fritz	✓		2. Ryan	✓		3. Hardesty	✓		4. Eudaly	✓		Wheeler	✓	
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