

## **ORDINANCE NO. 189660**

Amend contact with Cornforth Consultants, Inc. for geotechnical design services for the Washington Park Reservoir Improvements Project in the amount of \$830,000 (Ordinance; amend Contract No. 30003064)

The City of Portland ordains:

Section 1. The Council finds:

1. In May 2013, the Water Bureau entered into Contract No. 30003064 with Cornforth Consultants, Inc. via Ordinance 185840 for geotechnical engineering design and construction services for the Washington Park Reservoir Improvements Project (Project).
2. The Project's geotechnical design is complex due to physical site constraints, seismic setting, complex and varying geology and an active landslide. Cornforth Consultants, Inc.'s methods combined with the challenges of working multiple disciplines in a confined work site has significantly extended the duration of geotechnical work that requires continuous special inspections.
3. The original contract amount was \$4,208,695. The budget for the contract was established prior to design of the Project. Once the design was completed there was a better understanding of the complexities and requirements of the Project which required the Water Bureau to amend the contract. These changes increased the contract amount to \$5,035,695.
4. As the construction phase has progressed, the geotechnical construction contractor has faced challenges working in a constrained site alongside other construction disciplines. These challenges resulted in extended work that requires the Engineer of Record's continuous special inspections. In addition, the previously installed instruments (slope inclinometers and vibrating wire piezometers) used to monitor landslide movement and groundwater elevation have approached the end of their useful life. There are nine inclinometers/piezometers that will be replaced. An amendment to the contract is necessary to complete this work and will require an increase to the contract in the amount of \$830,000. The revised total contract amount will be \$5,865,695. The contract is also being extended to May 5, 2023.
5. Funding for the work is in the current FY 2019-20 Budget and any additional funds will be requested in the FY 2020-21 through 2022-2023 Budgets.
6. The original contract provided \$481,886 to disadvantaged, minority-owned, woman-owned, and emerging small business subconsultants. The amendment increases the amount to \$624,592.

NOW, THEREFORE, the Council directs:

- a. That the Chief Procurement Officer is authorized to execute on behalf of the City an amendment to Contract No. 30003064 with Cornforth Consultants, Inc. as outlined in a form in accordance with the contract amendment 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, AUG 21 2019

Commissioner Amanda Fritz  
Prepared by: Dan Hogan  
July 11, 2019

**Mary Hull Caballero**  
Auditor of the City of Portland

By



Deputy

772-789

Agenda No. **189660**  
**ORDINANCE NO.**  
 Title

Amend contact with Cornforth Consultants, Inc. for geotechnical design services for the Washington Park Reservoir Improvements Project in the amount of \$830,000 (Ordinance, amend contract no. 30003064)

INTRODUCED BY Commissioner/Auditor: <b>Commissioner Amanda Fritz</b>	CLERK USE: DATE FILED <u>JUL 30 2019</u>
<b>COMMISSIONER APPROVAL</b> Mayor—Finance & Administration - Wheeler Position 1/Utilities - Fritz <i>Amanda Fritz</i> Position 2/Works - Fish Position 3/Affairs - Hardesty Position 4/Safety - Eudaly	Mary Hull Caballero Auditor of the City of Portland By: <i>[Signature]</i> Deputy ACTION TAKEN: <b>AUG 07 2019 PASSED TO SECOND READING</b> <b>AUG 21 2019 9:30 A.M.</b>
<b>BUREAU APPROVAL</b> Bureau: Water Bureau Head: <i>[Signature]</i> Michael Stuhr, P.E. Prepared by: Dan Hogan Date Prepared: July 11, 2019 Impact Statement Completed <input checked="" type="checkbox"/> Amends Budget <input type="checkbox"/> Portland Policy Document If "Yes" requires City Policy paragraph stated in document. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>City Auditor Office Approval:</b> required for Code Ordinances <b>City Attorney Approval:</b> required for contract, code, easement, franchise, comp plan, charter <i>[Signature]</i> Council Meeting Date <b>August 7, 2019</b>	

<b>AGENDA</b> <b>TIME CERTAIN</b> <input type="checkbox"/> Start time: _____ Total amount of time needed: _____ (for presentation, testimony and discussion) <b>CONSENT</b> <input type="checkbox"/> <b>REGULAR</b> <input checked="" type="checkbox"/> Total amount of time needed: <b>10 minutes</b> (for presentation, testimony and discussion)
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FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:	
	YEAS	NAYS
1. Fritz	1. Fritz <input checked="" type="checkbox"/>	
2. Fish	2. Fish <input checked="" type="checkbox"/>	
3. Hardesty	3. Hardesty <input checked="" type="checkbox"/>	
4. Eudaly	4. Eudaly <input checked="" type="checkbox"/>	
Wheeler	Wheeler <input checked="" type="checkbox"/>	