

ORDINANCE No. 188249

Authorize a contract with Brown and Caldwell for professional services in development of the Bureau of Environmental Services Resiliency Master Plan for an estimated cost of \$499,299 (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. The function of public sewer and stormwater infrastructure following a natural disaster will affect the speed with which the local economy and community systems recover, and could also impact public health if infrastructure failures are not appropriately managed.
2. Improving the resiliency of Portland to withstand natural disasters includes both reducing the risk of infrastructure failure and increasing our ability to bounce back to provide services after a natural disaster occurs.
3. The Bureau of Environmental Services (BES) Resiliency Master Plan (RMP) will identify actions to reduce BES systems' vulnerability to natural disaster risks, with the strategy of continual improvement and prioritized risk reduction. The BES Resiliency Master Plan will focus on the natural disaster risks associated with a Cascadia Subduction Zone Magnitude 9.0 earthquake and climate change. The results of the RMP will be used to identify benefits and costs of actions for resiliency; to integrate resiliency further into the BES Capital Improvement Program (CIP) and operational practices; and to recommend an optimal strategy for resiliency investment to protect ratepayers while managing long-term rate impacts.
4. The Portland Bureau of Emergency Management, the Portland Water Bureau, and other City bureaus and regional agencies are making ongoing progress identifying natural disaster risks and implementing risk reduction approaches to improve the resiliency of infrastructure and community services through efforts such as the 2016 Natural Hazard Mitigation Plan and the Water Bureau Seismic Study. The Portland Bureau of Planning and Sustainability, Portland Water Bureau and other City bureaus and regional agencies are also leading efforts in regional climate change adaptation and preparation strategies. The BES Resiliency Master Plan will coordinate with and build upon these efforts to make efficient use of existing data and analysis, while also contributing new information to the regional disaster and climate change preparedness efforts.
5. The BES Resiliency Master Plan will evaluate seismic risk reduction measures and develop a long term plan to meet the resiliency and recovery targets established in the Oregon Resilience Plan. The Oregon Resilience Plan was developed in response to the State Legislature's direction to the Oregon Seismic Safety Policy Advisory Commission to prepare a plan with recommendations on policy direction to protect lives and keep commerce flowing during and after a Cascadia Subduction Zone Magnitude 9.0 earthquake. The Oregon Resilience Plan defines acceptable timeframes to restore infrastructure and community service functions after a Cascadia earthquake, establishing resiliency targets for sectors such as

wastewater so that a Cascadia earthquake would not deliver a catastrophic blow to Oregon's economy and communities.

6. BES has made investments towards seismic and climate change resiliency in past projects, and will build upon these efforts with the Resiliency Master Plan project. BES staff will conduct a significant portion of the Resiliency Master Plan project work in-house while a professional services contracted team provides specialized technical guidance and recommendations. The project is structured to ensure knowledge transfer from consultant to BES staff throughout the project.
7. BES issued a RFP for the provision of professional services and four (4) responses were received. The selection was conducted in accordance with Chapter 5.68 of the Code of the City of Portland.
8. The estimated cost is \$499,299. M/W/ESB participation is \$154,783 or 31%. Funds are available in the Sewer System Operating Fund, FY 2016-2017, and will be included in the 2017-2018 Budget, Bureau of Environmental Services, Cost Center ESEN000019, Internal Order 9ESEN0000089.

NOW, THEREFORE, the Council directs:

- a. The Commissioner-in-Charge is authorized to execute a PTE contract with Brown and Caldwell for the purposes described in Section 1, in the amount of \$499,299.
- b. The Mayor and City Auditor are hereby authorized to pay for the contract from the Sewer System Operating Fund Budget.

FEB 22 2017

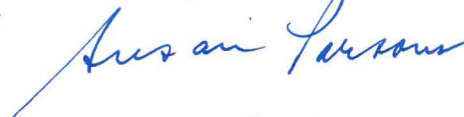
Passed by the Council,
Commissioner Nick Fish

Jennifer Belknap Williamson
January 6, 2017

ESEN000019 - ord

Mary Hull Caballero
Auditor of the City of Portland


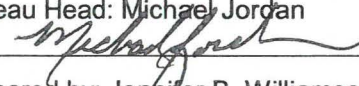
By



Deputy

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INTRODUCED BY Commissioner/Auditor: Commissioner Fish	CLERK USE: DATE FILED <u>FEB 07 2017</u>
COMMISSIONER APPROVAL Mayor—Finance and Administration - Wheeler Position 1/Utilities - Fritz Position 2/Works - Fish Position 3/Affairs - Saltzman Position 4/Safety - Eudaly	Mary Hull Caballero Auditor of the City of Portland By:  Deputy ACTION TAKEN: FEB 15 2017 PASSED TO SECOND READING FEB 22 2017 9:30 A.M.
BUREAU APPROVAL Bureau: Environmental Services Bureau Head: Michael Jordan  Prepared by: Jennifer B. Williamson Date Prepared: January 6, 2017	
Financial Impact & Public Involvement 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"/>	
City Auditor Office Approval:	
City Attorney Approval: <i>bf</i>	
Council Meeting Date February 15, 2017	

AGENDA
TIME CERTAIN <input type="checkbox"/> Start time: _____ Total amount of time needed: _____ (for presentation, testimony and discussion)
CONSENT <input type="checkbox"/>
REGULAR <input checked="" type="checkbox"/> Total amount of time needed: <u>15 minutes</u> (for presentation, testimony and discussion)

FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:		
		YEAS	NAYS
1. Fritz	1. Fritz	✓	
2. Fish	2. Fish	✓	
3. Saltzman	3. Saltzman	✓	
4. Eudaly	4. Eudaly	✓	
Wheeler	Wheeler	/	