



Amanda Fritz, Commissioner
 Michael Stuhr, P.E., Administrator
 1120 SW Fifth Avenue, Room 600
 Portland, Oregon 97204-1926
 Information: 503-823-7404
www.portlandoregon.gov/water



IMPACT STATEMENT

Date: September 4, 2019

Council Date: November 13, 2019

Legislation Title: Authorize a contract with Stantec Consulting Services, Inc. for design services for the Bull Run Filtration Project in the amount of \$51,000,000 (Ordinance)

Contact Name: David Peters, P.E., Program Manager

Contact Phone: (503) 823-2003

Presenter Name: Teresa K. Elliott, P.E., Chief Engineer
 Gabriel Solmer, Deputy Director

Purpose of proposed legislation and background information:

The purpose of this legislation is to authorize a contract with Stantec Consulting Services, Inc. for on-site design services in support of the Bull Run Filtration Project (Project). The Project will require a consultant to design and develop plans and specifications for a construction contract to develop a water filtration facility at the Water Bureau's Carpenter Lane site.

In 2006, the U.S. Environmental Protection Agency (EPA) issued a federal drinking water rule called the Long Term 2 Enhanced Surface Water Treatment Rule (LT2) that required water utilities to treat for the pathogen *Cryptosporidium*. From 2012 to 2017, the Water Bureau complied with this rule by operating under a treatment variance.

In May 2017, the bureau was notified by the Oregon Health Authority (OHA) that the variance was being revoked following detections of *Cryptosporidium* in January through March of 2017. The City reviewed treatment options with Portland City Council and community partners, and in August 2017 the City Council voted to build a water filtration facility to meet the treatment requirements for *Cryptosporidium* (Resolution #37309).

In December 2017, the Water Bureau entered into a Bilateral Compliance Agreement with OHA. Three key milestones identified in the compliance agreement include:

Please contact us for translation or interpretation, or for accommodations for people with disabilities.

More information · Más información · Thêm thông tin · 欲了解更多信息 · Дополнительная информация

Mai multe informații · Подробности · Macluumaad dheeri ah · अधिक सूचना · Tichikin Poraus

www.portlandoregon.gov/water/access · 503-823-7432 (TTY: 503-823-6868, Relay: 711)

1. Submission of Pilot Study and preliminary plan to OHA: November 30, 2020
2. Submission of Construction plans and schedule to OHA: October 31, 2022
3. Compliance with *Cryptosporidium* treatment requirements: September 30, 2027

City Council has since authorized the use of alternative procurement (August 2018, Ordinance No. 189146) and the preferred alternatives for capacity, location, and filtration (December 2018, Resolution No. 37402). In order to meet the scheduled milestones, the Water Bureau requires professional and technical support to perform the design and development of plans and specifications for a construction contract for the Bull Run Filtration Project.

A request for proposal was solicited in accordance with Chapter 5.68 of the City of Portland's Code. After reviewing proposals and conducting interviews, the evaluation committee determined Stantec Consulting Services, Inc. was the most responsive and qualified proposer to perform the design services for the Project.

The services provided by Stantec Consulting Services, Inc. will include but are not limited to project management; geotechnical site investigation; water filtration facility design; design of on-site appurtenances; quality management; assistance during construction; commissioning assistance; and, Construction Manager/General Contractor support and interactions.

The Water Bureau recommends approval of the on-site design services for the Bull Run Filtration Project as the next step in the multi-phase Project to construct the filtration facility. The Water Bureau will continue to provide annual reports and information relating to the progress of this Project.

Financial and budgetary impacts:

The contract will engage Stantec Consulting Services, Inc. for an initial term of five years. The Water Bureau will request a time extension for any additional years as required through an amendment to the contract.

The not to exceed amount for the contract with Stantec Consulting Services, Inc. is \$51,000,000. Funds are available in the FY 2019-20 Budget and will be requested in the FY 2020-21 through FY 2028-29 Budgets.

The Project budget in the Capital Improvement Program is \$500,000,000. The current level of confidence in the estimated cost is low. Annual operating costs are likely to increase \$5,000,000 when the Bull Run Filtration facility becomes operational. During the annual rate-setting process, the Water Bureau will make every effort to minimize rate impacts while following the intent of this legislation. The Water Bureau will seek to optimize and enhance its discount programs to lessen the impact of rising water rates on low-income customers.

Community impacts and community involvement:

The City shares the community's values regarding the need to balance the cost, public health, current and future regulatory compliance, and system resilience considerations of water

treatment options in a responsible manner. These shared values inform decisions made for the Bull Run Filtration Project.

The Water Bureau has several public engagement methods and opportunities to provide information to, and gather information from, our customers. The Water Bureau resources will be supported through the contract awarded by this legislation and under another contract with Brown and Caldwell (30006570) for program management support of the Bull Run Filtration Project.

Since 2018, the Water Bureau has launched an extensive public outreach and communications effort including both public and adjacent community meetings and events, digital outreach, and media relations activities, dedicating staff and consultant resources solely for outreach and communication activities for the Project. The Water Bureau uses—and will continue to use—the Filtration Project and Filtration Neighbors webpages, an updated FAQ, social media, e-newsletters, press releases, the Annual Water Quality Report, a range of mailers and postcards, monthly information events including creation of the Bull Run Filtration Site Advisory Group, and one-on-one meetings with property owners throughout the Project.

100% Renewable Goal:

The contract awarded through this legislation will have no impact on the total energy use. The total energy use for the construction phase of the Project is not yet known. Where applicable, Stantec Consulting Services, Inc. will be tasked with evaluating and incorporating sustainable and energy efficient processes into the design of the water filtration facility. This includes applying the appropriate portions of the City’s LEED and Green Building Policy requirements.

Budgetary Impact Worksheet

Does this action change appropriations?

YES: Please complete the information below.

NO: Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount



10/16/19

Michael Stuhr, P.E., Administrator

Date