

IMPACT STATEMENT

Legislation title: Authorize bid solicitation and contracting with the lowest responsive and responsible bidder for construction of the Washington Park Hypochlorite Facility Improvements Project at an estimated cost of \$1,300,000 (Ordinance)

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Purpose of proposed legislation and background information:

The Portland Water Bureau is currently constructing the Washington Park Reservoir Improvements Project which will require modification to the existing hypochlorite facility to provide secondary water quality treatment for Portland's downtown, Northwest Industrial and Southwest Waterfront districts, and Portland's West Hills. In addition, the facility will chlorinate two reflecting pools being constructed as part of the Washington Park Reservoir Improvements Project.

The existing Washington Park Hypochlorite Facility was originally constructed in 1981 and upgraded in 1993. No improvements have been made in 27 years. The existing system is in poor condition and is no longer in operation. All interior mechanical components are at the end of their design life and require complete replacement.

The Washington Park Hypochlorite Facility Improvements Project (Project) will replace the existing hypochlorite system to meet operation and flow conditions, add an ammonia system, upgrade the facility to meet current codes, and provide chlorination to the two new Washington Park Reservoir reflecting pools. In addition to chlorination for the reflecting pools, the Project is necessary to boost the chlorine residual to maintain minimum disinfectant residual targets in tanks and in distal areas where water age is elevated. The Project will remove existing chemical feed pumps, storage tanks and associated piping, and construct new sodium hypochlorite and ammonia systems in separate rooms. Building upgrades include replacing select doors, door hardware and the emergency shower and installing new ventilation, lighting, electrical, and fire sprinkler systems. This new disinfection system will be integrated into the existing system on site. This Project will be coordinated with the Washington Park Reservoir Improvements Project.

Financial and budgetary impacts:

The cost to construct the Project improvements has been determined by the Portland Water Bureau based on equivalent project designed by the design consultant and vendor quotes. The Project design is greater than 90% complete. The total construction cost is estimated at \$1,300,000.

The Portland Water Bureau currently maintains the water system within the Project limits. Replacement of the existing hypochlorite system will not change the long-term financial obligations of the City. Funding for the Project (W02108) has been requested in the FY 2021-22 Budget and will be requested as part of the FY 2022-23 Budget. The total Project

cost is estimated at approximately \$2,300,000. The confidence level is high for the Project and based on the guidelines detailed in the Project Estimate Confidence Level Rating Index. The proposed legislation will not create, eliminate, or re-classify any positions now or in the future.

Community impacts and community involvement:

The newly reconstructed Hypochlorite facility will serve residents and businesses downtown, in the Northwest Industrial district and Southwest Waterfront as well as several neighborhoods in northwest and southwest Portland including the Southwest Hills, Forest Park, Sylvan Highlands and Arlington Heights neighborhoods. The Project will serve over 300,000 people, including five hospital complexes, over twenty schools and sixty parks.

Passing of this proposed legislation will ensure public health and economic viability in the area by improving the maintenance, operability, and water quality of the existing water system around Washington Park and on Portland's west side. In addition, the future reflecting pools can be enjoyed by all who visit Washington Park.

Regarding construction impacts, this Project will be physically located on the southeastern edge of the Washington Park Reservoir Improvement project construction worksite, which will continue to be active through 2025. We anticipate that the public will perceive any construction impacts from this work to be related to the reservoir project and have well-established mechanisms in place to respond to inquiries.

Beginning in 2012, the Washington Park project team conducted stakeholder interviews, convened a community sounding board, regularly briefed area neighbors and business groups, met with historic advocacy groups and communicated with the Portland Historic Landmarks Commission. Community outreach related to the hypochlorite facility will be integrated into ongoing outreach for Washington Park Reservoir including e-newsletters, webpages, neighborhood association meetings, social media, updates to our virtual tour, and partner meetings with Explore Washington Park, Portland Parks and Recreation, and TriMet. This proposed work is outside of the Historic District and is not expected to have any adverse impacts.

There are no significant objections or concerns related to this project. The construction impacts are in keeping with ongoing impacts as part of the larger reservoir project, there will be no increased or changed ongoing impacts related to operating the facility, and the Project will not change the aesthetic for neighbors or those visiting the site.

The benefits of this project will ensure safety for those who visit the reflecting pools and will ensure the same high-quality water to customers downtown and at some of the farthest reaches of the system. The customers and neighborhoods that will benefit from this project are significant as previously described.

There are not anticipated to be any groups testifying for or against this Project.

100% Renewable Goal:

This legislation does not increase or decrease the City’s total energy use and does not increase or decrease the City’s renewable energy use.

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