

ORDINANCE No.

Authorize a competitive solicitation and contract with the lowest responsible bidder and provide payment for construction of the Columbia Boulevard Wastewater Treatment Plant Outfall Diffuser Improvements Project No. E06923 for an estimated amount of \$5,500,000 (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. The Bureau of Environmental Services (BES) owns and operates the Columbia Boulevard Wastewater Treatment Plant (CBWTP), which treats an average of 28 billion gallons annually of wastewater in accordance with State of Oregon Department of Environmental Quality (DEQ) issued National Pollutant Discharge Elimination System (NPDES) permit requirements.
2. The Bureau of Environmental Services (BES) needs to construct improvements to the Columbia Boulevard Wastewater Treatment Plant (CBWTP) outfall pipes to restore full discharge function and capacity of the treated effluent disposal system.
3. The estimated cost is \$5,500,000. The level of confidence in the estimate is high. Funds are available in the Sewer System Operating Fund, FY 2020-21 Budget, Bureau of Environmental Services, Project Number E06923.
4. BES seeks Council's authorization for Procurement Services to issue a competitive solicitation and execute a contract for the Project.

NOW, THEREFORE, the Council directs:

- a. The Chief Procurement Officer is authorized to facilitate the use of the competitive solicitation process in accordance with City Code 5.34 for the procurement of construction services for the CBWTP Outfall Diffuser Improvements Project.
- b. Upon the Council's acceptance of the Chief Procurement Officer's report recommending the lowest responsible bidder, the Chief Procurement Officer is authorized to negotiate and execute a contract, provided the contract has been approved as to form by the City Attorney's office, with the lowest responsive bidder for the purposes described in Section 1.
- c. The Mayor and City Auditor are hereby authorized to pay for the contract from the Sewer System Operating Fund Budget when demand is presented and approved by the proper authority.

Passed by the Council:
Commissioner Mingus Mapps

Prepared by: Paul Suto
Date prepared: November 23, 2020

Cost object – E06923.C60

Mary Hull Caballero
Auditor of the City of Portland
By

Deputy

IMPACT STATEMENT

Legislation title: Authorize a competitive solicitation and contract with the lowest responsible bidder and provide payment for construction of the Columbia Boulevard Wastewater Treatment Plant Outfall Diffuser Improvements Project No. E06923 for an estimated amount of \$5,500,000 (Ordinance)

Contact name: Paul Suto

Contact phone: 503-823-2436

Presenter name: Philip McCormick

Purpose of proposed legislation and background information:

Council approval is required for construction projects with a value over \$1 million. Approval of this action will authorize the Chief Procurement Officer to proceed with bid solicitation and awarding a contract for construction of the Columbia Boulevard Wastewater Treatment Plant (CBWTP) Outfall Diffuser Improvement Project.

The CBWTP discharges secondary-treated and disinfected wastewater into the Columbia River off the north shore of Hayden Island via two multi-port outfall diffusers. Outfall 1 was constructed in 1996. The 84-inch steel pipe is buried below the riverbed and has a 350-foot-long, 36-port diffuser. It is located downstream of the Burlington Northern Railroad (BNRR) bridge that crosses over the Columbia River. Outfall 3 was constructed in 1999. The 84-inch steel pipe is buried below the riverbed with a 255-foot-long, 18-port diffuser. It is located upstream of the BNRR bridge.

Recent inspections have revealed that the riverbed has shifted since the construction of these outfalls and sediment has accumulated above the diffuser ports. A 2017 inspection of Outfall 1 showed that the last five ports are buried without flow and another six ports are buried, but with partial flow. A 2012 inspection of Outfall 3 showed that 8 of the 18 ports are buried up to 14-feet deep and that sediment has accumulated within the 84-inch outfall. These deficiencies are hindering the ability of the plant's outfall pipes to properly function at full capacity.

Utilization of certified Disadvantaged, Minority-Owned, Women-Owned and Emerging Small Business enterprises will be tracked on a monthly basis as part of the contractor's mandatory participation in the City's Subcontractor Equity Program.

Financial and budgetary impacts:

The total cost for the project is estimated at \$7.1 million with \$5.5 million estimated for construction. The level of confidence for the design estimate is High. Funds will be paid out of the Sewer System Operating Budget, FY 20-21 and FY 21-22, WBS Element E06923.

The construction contract will be managed by BES staff from the Project Management Office and Engineering Services with support from Jacobs, the consulting Engineer of Record for the project. No present positions will be created or eliminated as a result of this legislation.

Community impacts and community involvement:

The project will be constructed utilizing barges to access the work in the Columbia River. Therefore, no community impacts are expected. However, BES staff has developed and continues to maintain a relationship with North Portland businesses and residents through the CBWTP's longstanding Community Advisory Committee. BES also drafts and mails an annual newsletter to North Portland neighbors, which provides construction and operational updates to residents. The BES primary contact for public involvement on this project is Debbie Caselton, Program Coordinator III with the Strategy Group.

We do not anticipate that any individuals or groups will be testifying regarding the proposed legislation.

100% Renewable Goal:

- This action does not increase or decrease the City’s total or renewable energy use.
- This action neither contributes nor takes away from the City’s goal of meeting 100 percent of community-wide energy needs with renewable energy by 2050.

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