

IMPACT STATEMENT

189057

Legislation title: Authorize a contract with Stantec Consulting Services Inc. to provide Program Management, Project Controls, and Construction Management Support Services for the Columbia Blvd. Wastewater Treatment Plant Secondary Treatment Expansion and Tryon Creek Wastewater Treatment Plant Improvements Programs, BES Project Numbers E07947 and E10970, in the amount of \$21,800,000.00. (Ordinance)

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Purpose of proposed legislation and background information:

The purpose of the proposed legislation is to authorize a PTE contract with Stantec Consulting Services, Inc. to provide professional program management, project controls, and construction management support services for two large capital improvement programs for the Bureau. City Code 5.68.035 requires an ordinance specifically authorizing the City to enter into a contract obligation for PTE Services.

The City of Portland, Bureau of Environmental Services (BES) serves the Portland community by providing water quality protection, watershed planning, wastewater collection and treatment, sewer installation and stormwater management. BES owns and operates two wastewater treatment plants to treat collected wastewater from its service areas. The Columbia Boulevard Wastewater Treatment Plant (CBWTP) treats a service area that consists of both combined and separated sewers with a peak wet-weather combined flow capacity of 450 million gallons per day (MGD) and treats an annual daily average of 76 MGD of municipal wastewater. The Tryon Creek Wastewater Treatment Plant (TCWTP) is a sanitary sewer facility rated at 8.3 MGD that treats an annual daily average wastewater flow of 6.5 MGD.

To support its mission, BES is undertaking two large capital improvement programs (CIP), one to expand the secondary treatment capacity at the CBWTP and the other to make improvements to the TCWTP and its related collection system.

The CBWTP Secondary Treatment Expansion Program (STEP) is driven by a regulatory compliance agreement with the Oregon Department of Environmental Quality (DEQ). The Program was developed through the 2016 CBWTP facilities planning effort and subsequent approval in 2017 of the No Feasible Alternatives Analysis to Combined Sewer Overflow (CSO)-Related Secondary Treatment Bypass by DEQ. The project is an investment in the CBWTP which will increase the capacity and resiliency of the biological treatment system, the biosolids handling facilities, and non-process support facilities. The resulting improvements will maximize biological treatment of CSO-related flows at CBWTP, and improve wastewater treatment operations resiliency. Ordinance 188630, passed by Council on October 04, 2017, authorized used of the CM/GC alternative contracting delivery method for project construction.

The Tryon Creek Wastewater Treatment Plant (TCWTP) Improvement Program is comprised of five projects that implement improvements recommended in the 2014 TCWTP Facilities Plan. The TCWTP was constructed in 1964, expanded in 1976, and is located in the City of Lake Oswego. The Facilities

