

**IMPACT STATEMENT**

**Legislation title:** Authorize a contract with Carollo Engineers for engineering services for the Tryon Creek Wastewater Treatment Plant (TCWTP) Secondary Process Improvements, Project E10694 for \$1,137,130. (Ordinance)

**Contact name:** Scott Gibson  
**Contact phone:** 503-823-7615  
**Presenter name:** Scott Gibson

**Purpose of proposed legislation and background information:**

The TCWTP, originally constructed in 1964, has provided reliable wastewater Treatment for both the City of Portland and City of Lake Oswego. The most recent TCWTP facilities plan, completed in 2014, identified a number of improvements needed to meet the projected growth in wastewater flows and loads, and future regulatory requirements. The secondary process improvement project is one of the identified needs.

The secondary treatment system, a biological treatment process, is a critical treatment process at the TCWTP in complying with the plant discharge permits. The improvement project will incorporate wet weather operating modes to improve sludge settle ability and increase flow through the treatment system. It will also enhance and automate the antiquated control and monitoring system, to provide Operations staff with accurate and real time data feedback to improve the operations process.

Through this contract, Carollo Engineers will provide preliminary design, final design, bidding and construction support, and testing, training and startup assistance.

There were six consulting firms proposed for this PTE contract. Carollo Engineers was selected by a consultant selection committee and the selection process was performed in accordance with Chapter 5.68 of the Code of the City of Portland.

**Financial and budgetary impacts:**

The compensation for this agreement is \$1,137,130. The level of confidence in this cost estimate is high. The overall project cost estimate is \$6 million. The confidence in this estimate is low. The design phase will improve confidence as work is completed. The project is included in the adopted BES CIP budget for FY2017-FY2021.

The project is consistent with City Policy and requirement for maximum treated water quality.

There are no legal or controversial issues identified at this time.

**Community impacts and community involvement:**

It is anticipated that there will be minimal to no impact to the community, as this is contract work is primarily engineering service. There is already a Citizen Advisory Committee (CAC) established for the new Headworks project at TCWTP. This project will provide regular updates to the same CAC and receive its feedbacks and inputs for project design.

There are six M/W/ESB subconsulting firms included in this contract, and their participation is 47% of the total contract amount.

# Budgetary Impact Worksheet

188297

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