

## IMPACT STATEMENT

**Legislation title:** Authorize a competitive solicitation and contract with the lowest responsible bidder and provide payment for construction of the Fremont Pump Station Upgrade, Project No. E10543, for an estimated construction cost of \$1,440,000 (Ordinance)

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**Presenter name:** Brenda Sherwood

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

The purpose of the proposed legislation is to authorize a construction contract to be awarded to the lowest responsible bidder for the Fremont Pump Station upgrade project. The facility is located at 2777 NE Fremont Dr. It was originally constructed in 1968 and was remodeled in 1995. It serves a portion of the Outer-East Willamette basin north of I-84 and west of I-205. Three 40-hp, 1000-gallon-per-minute (gpm) capacity dry-pit sewage pumps draw from the sanitary wetwell, and discharge to manhole AAZ178 in NE Siskiyou through an approximately 2300-ft long, 12-inch ductile iron pipe pressure line.

The station was experiencing severe clogging issues that required Pump Station Operation and Maintenance Group to spend approximately 12 man hours per week to unclog. In 2014, one new screw centrifugal pump was installed as a pilot project and no further clogging has occurred at this station since. Thus, the remaining two pumps need to be replaced and, due to the age of the station, the mechanical, electrical equipment, and control system needs to be upgraded.

BES Asset System Management has produced a design flow projection technical memorandum in May of 2015, which provides the basis of design for the new pumping systems. Existing peak wet weather flow is estimated at 600 gpm with future peak wet weather flow estimated at 770 gpm. Due to space constraints in the drywell, the remaining two pumps will be replaced with one 1,000 gpm pump for a total of two permanent pumps.

### **Financial and budgetary impacts:**

The engineer's final estimate of the probable cost of construction for this project is \$1,440,000. The level of confidence in the construction cost estimate is high. Funds are available in the Sewer System Operating Fund, FY 2018 Budget, Bureau of Environmental Services, WBS E10543.

The proposed legislation will not create, eliminate or re-classify any positions now or in the future. BES Construction Services Division, supported by BES Engineering Services, and the design Engineer of Record (EOR), BergerABAM, will manage the construction contract.

If authorized, the proposed legislation will result in a contract with the lowest responsible bidder for the construction of the Fremont Pump Station Upgrade.

### **Community impacts and community involvement:**

The public involvement (PI) element of this project is led by the BES Office of the Director, and will continue through construction with Cheryl Kuck, BES Sr. Community & Information Representative, as the currently assigned PI representative. The area surrounding the project site is zoned Residential (R5h).

BES outreach staff have distributed public information flyers and email notifications at key milestones during the design phase to provide project information to local property owners and other interested stakeholders.

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

**100% Renewable Goal:**

This action does not increase or decrease the City's total or 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