

## IMPACT STATEMENT

**Legislation title:** Authorize a contract with the lowest responsible bidder for construction of the FABA Pressure Line System Upgrade, Project No. E10599, for an estimated cost of \$1,173,000 (Ordinance)

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**Presenter name:** Daniel J. Hebert

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

Construction of the two parallel 30-inch welded steel pressure lines in the Garden Home section of the Fanno Basin (FABA) Pressure Line System, designated line 'A' and line 'B', was completed in December 2010. However, problems were experienced with leaks that occurred at two locations in the 'A' pressure line, due to cracks that occurred in and around portions of welds connecting 24-inch diameter access risers to the mainline pipe. Operation of the pressure line system was suspended until a temporary surge tank system could be designed and installed at the FABA pump station by project E10477. That work was completed in July 2013. At that time the 'B' line was placed into service, and subsequently BES management directed that a project be implemented to remove all of the remaining access risers in order to eliminate the future risks of similar leaks.

The FABA Pressure Line System Upgrade project E10599 will remove the 18 remaining access riser sections from the two parallel 30-inch welded steel pressure lines, and upgrade an existing pressure monitoring and recording station located on SW Multnomah Blvd. The upgrade of a second pressure monitoring station located at the intersection of SW 69<sup>th</sup> Ave & SW Railroad Street will be deferred pending the acquisition of a needed easement. Straight pipe 30" flange x flange, lined and coated welded steel spool sections, installed with a dismantling joint at each location will be used to replace the access risers that are being removed.

Emery & Sons installed both the Garden Home section of the FABA pressure line system and the buried surge tank under two previous separate construction contracts. The surge tank installation project included modifications of the welded steel pipe yard piping at the FABA PS, and the successful removal of five access risers using the same construction detail that will be used on this project.

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

The engineer's final estimate of the probable cost of construction for this project is \$1,173,000. The level of confidence in the estimated cost of construction is high. Funds are available in the Sewer System Operating Fund, FY 16 Budget, Bureau of Environmental Services, WBS E10599.

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), Brown and Caldwell, Inc. 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 FABA Pressure Line System Upgrade.

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

There is a significant public involvement element for all of the secondary projects that have been undertaken under the primary project E09045 Fanno Basin System Improvement that has been led by the BES Director's Office. Numerous information flyers have been distributed to the community, and the project manager and public information office have been, and continue to attend neighborhood association meetings to brief the public on the

project status and respond to questions. Public involvement is a key element of the overall project, and will continue to be directed and undertaken by the BES Director's Office with Debbie Caselton as the assigned public involvement and community outreach person.

Users of the THPRD Fanno Creek Recreation Trail will be affected during the construction of this project. The contract documents will require the selected Contractor to restore any affected areas on the Fanno Creek Trail from SW 90<sup>th</sup> Ave to the Fanno Creek Bridge. Trail restoration work shall meet THPRD Trail Plan Standards. The City will not remove branches or trees on THPRD property without permission. BES public involvement and community outreach will be working with THPRD on all of their outreach requirements to the public.

The City will require the construction contractor to install and maintain construction fencing around active construction areas near the trail. During evenings and other non-work hours the active construction zone will be fenced and secured.

The City will require the construction contractor to provide adequate traffic flaggers to separate construction traffic and recreational trail traffic during any construction activities on or near the THPRD trail, or within easements across private property.

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

### 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