

Portland, Oregon

# FINANCIAL IMPACT and PUBLIC INVOLVEMENT STATEMENT For Council Action Items

(Deliver original to Financial Planning Division. Retain copy.)

1. Name of Initiator Scott T. Gibson, PE		2. Telephone No. 503-823-7615	3. Bureau/Office/Dept. Environmental Services
4a. To be filed (hearing date):  February 27, 2013	4b. Calendar (Check One)  Regular <input type="checkbox"/> Consent <input checked="" type="checkbox"/> 4/5ths <input type="checkbox"/>		5. Date Submitted to Commissioner's office and FPD Budget Analyst: 2/13/13
6a. Financial Impact Section: <input checked="" type="checkbox"/> Financial impact section completed		6b. Public Involvement Section: <input checked="" type="checkbox"/> Public involvement section completed	

**1) Legislation Title:**

Authorize a contract with the lowest responsible bidder for the SW 86<sup>th</sup> Ave Pump Station & Appurtenances, BES Project Number E09051. (Ordinance)

**2) Purpose of the Proposed Legislation:**

The purpose of the proposed legislation is to authorize the Commissioner of Public Affairs to execute a contract with the lowest responsible bidder for the SW 86<sup>th</sup> Avenue Pump Station & Appurtenances construction project.

**3) Which area(s) of the city are affected by this Council item? (Check all that apply—areas are based on formal neighborhood coalition boundaries)?**

- ☐ City-wide/Regional      ☐ Northeast      ☐ Northwest      ☐ North  
☐ Central Northeast      ☐ Southeast      ☐ Southwest      ☐ East  
☐ Central City  
☒ This project is located in unincorporated Washington County, outside the City of Portland city limits

**FINANCIAL IMPACT****4) Revenue:** Will this legislation generate or reduce current or future revenue coming to the City? If so, by how much? If so, please identify the source.

No

**5) Expense:** What are the costs to the City as a result of this legislation? What is the source of funding for the expense? (Please include costs in the current fiscal year as well as costs in future years. If the action is related to a grant or contract please include the local contribution or match required. If there is a project estimate, please identify the *level of confidence*.)

The estimated construction cost is \$14,526,000. Funds are available in the Sewer System Operating Fund, FY 2013, Bureau of Environmental Services Project Number E09051. The level of confidence in the construction cost estimate is optimal.

**6) Staffing Requirements:**

- **Will any positions be created, eliminated or re-classified in the current year as a result of this legislation?** *(If new positions are created please include whether they will be part-time, full-time, limited term, or permanent positions. If the position is limited term please indicate the end of the term.)*

No

- **Will positions be created or eliminated in future years as a result of this legislation?**

No

*(Complete the following section only if an amendment to the budget is proposed.)*

**7) Change in Appropriations** *(If the accompanying ordinance amends the budget please reflect the dollar amount to be appropriated by this legislation. Include the appropriate cost elements that are to be loaded by accounting. Indicate "new" in Fund Center column if new center needs to be created. Use additional space if needed.)*

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount

**[Proceed to Public Involvement Section — REQUIRED as of July 1, 2011]**

**8) Was public involvement included in the development of this Council item (e.g. ordinance, resolution, or report)? Please check the appropriate box below:**

☒ **YES:** Please proceed to Question #9.

☐ **NO:** Please, explain why below; and proceed to Question #10.

**9) If "YES," please answer the following questions:**

**a) What impacts are anticipated in the community from this proposed Council item?**

The impacts during construction of the SW 86<sup>th</sup> Avenue Pump Station and Appurtenances beginning the summer of 2013, may impact the community with some noise, vibration, and dust. There could be periodic Fanno Creek Trail closures at periodic times during construction. There will be some truck traffic between SW Scholls Ferry Road and SW 86<sup>th</sup> Avenue. Underground utility work with PGE related to this project is anticipated to occur on SW 84<sup>th</sup> Avenue.

**b) Which community and business groups, under-represented groups, organizations, external government entities, and other interested parties were involved in this effort, and when and how were they involved?**

Washington County, Clean Water Services, Washington County Board, Tualatin Hills Parks and Recreation District, Washington County CPO-3, Vista Brook and other nearby neighbors, Portland Golf Club, Fans of Fanno Creek, Washington County Health Department, Tualatin Riverkeepers, Westside Transportation Alliance (WTA), SWNI Transportation/Trails Committees, Denney Whitford/Raleigh West NAC – COB, and Washington County Transportation have participated in discussions regarding projects in this area since before 2000. Outreach to the public specifically regarding the new pump station began in March 2009.

**c) How did public involvement shape the outcome of this Council item?**

The public's involvement in this project has significantly influenced the project's design and upcoming construction. The pump station's layout, orientation, and landscaping; noise and vibration mitigation; and the method by which the existing home on the pump station site is being removed (deconstructed) have been modified in response to the public's input.

**d) Who designed and implemented the public involvement related to this Council item?**

City of Portland Environmental Services: Stephen Sykes, Senior Community Outreach and Information Representative; Megan Callahan, Environmental Services, Public Affairs Manager; Debbie Caselton, Community Outreach and Information Representative; and Kristen Kibler, Jeanne Lawson Associates.

**e) Primary contact for more information on this public involvement process (name, title, phone, email):**

Debbie Caselton, Community Outreach and Information Representative, 503-823-2831,  
Debbie.Caselton@portlandoregon.gov

**10) Is any future public involvement anticipated or necessary for this Council item? Please describe why or why not.**

Per the interagency agreement between Environmental Services and Clean Water Services, a Citizen Advisory Committee comprised of neighbors and agencies has been formed and will meet monthly prior to, during construction and regarding the future operations of the SW 86<sup>th</sup> Avenue Pump Station. Regular communications and outreach will continue to neighbors and interested parties during construction.

  
Dean Marriott, Director, Bureau of Environmental Services

APPROPRIATION UNIT HEAD (Typed name and signature)



# CITY OF PORTLAND ENVIRONMENTAL SERVICES



1120 SW Fifth Avenue, Room 1000, Portland, Oregon 97204 ■ Charlie Hales, Mayor ■ Dean Marriott, Director

City Council  
Agenda Item  
Staff Supplemental Report

TO: Mayor Charlie Hales  
THROUGH: Chad Stover

FROM: Scott T. Gibson, Principal Engineer BES Design Services Division

DATE: February 1, 2013

RE: Proposed authorization of a construction contract with the lowest responsible bidder for the SW 86<sup>th</sup> Avenue Pump Station & Appurtenances project number E09051

Requested Council Hearing Date: February 27, 2013

## I. RECOMMENDATION

Authorize the award and execution of a construction contract with the lowest responsible bidder for the SW 86<sup>th</sup> Avenue Pump Station & Appurtenances project, BES Project Number E09051. (Ordinance)

## II. BACKGROUND

The City of Portland and Clean Water Services have executed a Wholesale Sewer Service Agreement (COP #30003119) that replaced a 1998 Agreement that was terminated upon the execution of the new Agreement. The Agreement with Clean Water Services provides in part that upon the completion of the City's SW 86<sup>th</sup> Avenue Pump Station and Appurtenances Project the City of Portland will provide conveyance and treatment of sewage from the portion of the Clean Water Services service area that drains by gravity to the City's Fanno Basin Sewer and the SW 86<sup>th</sup> Avenue pump station complex. The "pump station complex" consists of the existing Fanno Basin (FABA) pump station located at 6895 SW 86<sup>th</sup> Avenue and the planned SW 86<sup>th</sup> Avenue pump station.

The FABA PS was commissioned in May 2000, and replaced five older wastewater pump stations in the Fanno Basin. The station receives flow from the Fanno Interceptor sewer and as originally constructed conveyed wastewater through an approximately 16,700-foot long pressure line system to a discharge structure located as SW 31<sup>st</sup> Ave. & SW Multnomah Blvd. where the flow enters the City of Portland's sewer system to be delivered to the Columbia Boulevard Wastewater Treatment Plant (CBWTP).

Detailed flow studies and basin modeling have been conducted by the BES Systems Analysis section in recent years. The flow modeling effort concluded that the firm pumping capacity of the Fanno Creek Basin sewer collection and conveyance system needs to be increased from the current 24-cubic feet per second (cfs) firm pumping capacity of the existing FABA PS to a minimum total firm pumping capacity of 47-cfs.

The SW 86<sup>th</sup> Avenue Pump Station & Appurtenances project will provide the additional 23-cfs pumping capacity BES system flow monitoring and modeling demonstrate is needed to capture and convey peak influent flows from the Fanno Interceptor during a 5-year storm event in the basin. Projects to replace the single pressure line with dual 30-inch welded steel pipe and ductile iron pipe pressure lines, and to replace the discharge structure were completed in 2011. So, the upgraded pressure line system now has the flow capacity to convey the increased flows from the "pump station complex". Another project to improve the flow capacity in the Burlingame Trunk Sewer immediately downstream of the discharge structure to accommodate the increased peak flows was completed in 2012.

Hydraulic transient modeling of the pressure line system that was conducted during the design of the force main replacement projects concluded that the dual hydropneumatic surge tank system that is an element of the SW 86<sup>th</sup> Ave PS & Appurtenances project is required to provide long term reliability and protect the new parallel pressure lines, valves and pumping equipment from damage due to pressure transient conditions in the force main system during normal operations, and during power failure events. The need for the surge protection project was validated through a focused value engineering (VE) study conducted by BES to confirm the conclusions from the hydraulic transient modeling.

### III. FINANCIAL IMPACT

The estimated construction cost is \$14,526,000. Funds are available in the Sewer System Operating Fund, FY 2013 Bureau of Environmental Services Project Number E09051. The level of confidence in the construction cost estimate is optimal.

### IV. LEGAL ISSUES

No current legal issues have been identified with regard to the proposed construction contract. Washington County issued a Notice of Decision of the Hearings Officer for Casefile 12-174-SU/D/FP that is a conditional approval of the project. The approval conditions will be verified through the construction permitting process with Washington County. BES is still responsible to apply for and obtain both a Washington County grading permit and building permit for the project.

It is possible that project opponents may take actions to attempt to block or delay the project during Washington County's reviews of the grading permit and building permit applications.

### V. CONTROVERSIAL ISSUES

There continues to be organized neighborhood opposition to any proposed City of Portland projects connected to the Fanno Creek Basin sewer collection and conveyance system. The Washington County Department of Land Use and Transportation, current Planning Division continues to receive correspondence from many of the property owners in the vicinity of the project site opposing the planned projects. Extensive public outreach efforts have been undertaken over the past several years to communicate with the local residents, various neighborhood and business associations regarding the need to undertake the proposed projects.

### VI. LINK TO CURRENT CITY POLICIES

The project is consistent with BES strategic planning and the BES CIP process. Construction will be performed in accordance with the City of Portland Standard Construction Specification, and Washington County construction permit requirements.

## VII. CITIZEN PARTICIPATION

In accordance with Article IX NEIGHBORHOOD COMMUNICATIONS in the recently executed Wholesale Sewer Service Agreement with Clean Water Services the City of Portland will:

- A. Address off-site issues associated with the operation and potential failure of the Pump Station according to the City's Sewer Release Response Plan and its Odor Complaint Procedure.
- B. By March 1, 2013 appoint and convene a Citizens' Advisory Committee (CAC) for the pump station to:
  - o Inform the community, including adjacent neighbors, nearby neighborhood associations, recreational users, and others (collectively "stakeholders") about construction impacts in advance of and during the construction of the SW 86<sup>th</sup> Avenue PS & Appurtenances project.
  - o Engage in dialogue with stakeholders after completion of the construction project regarding the operation and maintenance of the pump station complex, and regarding the City's stewardship of Fanno Creek in general. Such issues as noise, odor, vibration, maintenance, landscaping, and vegetation will be considered. Communications issues such as public notification, emergency response, emergency contacts, and complaint resolution data will also be considered.
- C. The CAC will be comprised of five to seven representatives of the neighbors, neighborhood association, and stakeholder agencies.
- D. The CAC term will be 24-months after completion of the construction projects. The City and the CAC may jointly agree to extend the term.
- E. The CAC will assist in identifying and prioritizing Community Environmental Projects to be implemented in the event of a discharge to the environment.

Public outreach efforts for this project have been, and will continue to be conducted by the BES Director's Office. Numerous information flyers and e-mail updates have been distributed to the community. The BES project manager and the assigned public information officer have been, and continue to attend neighborhood association meetings to brief the public on the project status and respond to questions.

## VIII. OTHER GOVERNMENT PARTICIPATION

No other governmental agencies are involved with the proposed construction contract. Washington County has jurisdiction for construction permitting.

IF APPLICABLE, PROVIDE INFORMATION ON ESTIMATED NUMBER OF JOBS CREATED BY THIS ACTION

**The estimated construction contract amount of \$14,526,000 would support approximately 100 – 135 skilled construction trade jobs over the duration of the project.**

IF THIS ACTION IS CONTRACT-RELATED, PROVIDE INFORMATION ON M/W/ESB PARTICIPATION (NUMBER AND PERCENTAGE)

**M/W/ESB participation is undetermined until contractor bids are submitted and evaluated.**

X. IF THIS IS A CONTRACT, DOES CONTRACTOR HAVE A CURRENT BUSINESS LICENSE? \_\_\_\_\_

WHAT IS THEIR BUSINESS LICENSE NUMBER? \_\_\_\_\_

IS THEIR ACCOUNT WITH THE CITY CURRENT? \_\_\_\_\_

IF NOT, HOW MUCH IS OWING? \_\_\_\_\_

**All of the above questions are undetermined until contractor bids are submitted and evaluated.**