

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 Gibson		2. Telephone No. 503-823-7615	3. Bureau/Office/Dept. Environmental Services
4a. To be filed (hearing date): November 7, 2012	4b. Calendar (Check One) Regular <input checked="" type="checkbox"/> Consent <input checked="" type="checkbox"/> 4/5ths <input type="checkbox"/>		5. Date Submitted to Commissioner's office and FPD Budget Analyst:
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 GHD, Inc. for professional services for the Schmeer Wastewater Pump Station Upgrade, Project No. E07448 (Ordinance)

2) Purpose of the Proposed Legislation:

To authorize the Commissioner of Public Works to execute a contract with GHD, Inc. in the amount of \$361,750 for professional engineering services for the Schmeer Wastewater Pump Station Upgrade, Project No. E07448.

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)?

- | | | | |
|---|------------------------------------|------------------------------------|---|
| <input type="checkbox"/> City-wide/Regional | <input type="checkbox"/> Northeast | <input type="checkbox"/> Northwest | <input checked="" type="checkbox"/> North |
| <input type="checkbox"/> Central Northeast | <input type="checkbox"/> Southeast | <input type="checkbox"/> Southwest | <input type="checkbox"/> East |
| <input type="checkbox"/> Central City | | | |

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 cost for the recommended contract is \$361,750. M/W/ESB participation is \$203,523 or 56% of the total contract amount. Funds are available in the Sewer System Operating Fund, FY 2013 Budget, Bureau of Environmental Services WBS Element E07448.

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]

PUBLIC INVOLVEMENT

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?

There are no anticipated impacts with regard to the proposed Council item to authorize the execution of a contract with GHD, Inc. Community impacts are anticipated during the construction and startup/closeout phases of the project, which is scheduled to occur from June, 2014 through July, 2015.

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?

A representative from the Minority Evaluator Program (MEP), Mr. Erik Esparza participated as a member of the consultant selection committee.

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

A representative from the Minority Evaluator Program (MEP), Mr. Erik Esparza participated as a member of the consultant selection committee.

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

The implementation of the MEP process in the selection committee was conducted in accordance with current City policy.

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

Until such time as a BES public involvement staff person is assigned to support the project the primary contact is the BES overall project manager, Dennis Jaramillo, P.E., Engineer, 503-823-2630, dennis.jaramillo@portlandoregon.gov

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

A BES public involvement staff person will be assigned and will be responsible for developing and implementing a public involvement plan for the design, construction, and startup/closeout phases for this project.

 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 ■ Dan Saltzman, Commissioner ■ Dean Marriott, Director

City Council
Agenda Item
Staff Supplemental Report

TO: Commissioner Dan Saltzman
THROUGH: Matt Grumm or Amy Trieu

FROM: Scott Gibson

DATE: October 1, 2012

RE: Proposed Ordinance to authorize a contract with GHD, Inc. for professional services for the Schmeer Wastewater Pump Station Upgrade, BES Project No. E07448 (Ordinance)

Requested Council Hearing Date: November 7, 2012

I. RECOMMENDATION

Authorize a contract with GHD, Inc. to provide professional services for the Schmeer Wastewater Pump Station Upgrade project E07448.

POTENTIAL FUTURE CONTRACT AMENDMENTS: The negotiated scope and fee for the recommended contract does not anticipate the need for future contract amendments. However, it is possible that an unanticipated change in the required scope of work could occur for the following types of events that have occurred in the past on other wastewater pump station remodel/upgrade projects:

- Physical conditions can be discovered during the detailed field investigations of the pump station facility that may require more extensive upgrade or replacement of the structure to meet current code.
- A change in the required pumping capacity of future operational goals for the facility based on revisions or modifications to the overall sewer conveyance system due to ongoing analysis and system modeling by the BES Asset Systems Management.
- Resolution of constructability issues and coordination with the BES Construction Services Division during design development may require more effort than originally anticipated.
- Property or easement acquisition efforts may require unanticipated design revisions.
- The City may adopt a new policy, or modify the scope or application of any existing policy that could impact the scope of design required for the pump station facility.
- Project priorities for the overall sewer conveyance system might change that could require either acceleration or deferral of the project that could impact the consultant's level of effort.

II. BACKGROUND

The Schmeer Wastewater Pump Station (Schmeer PS) is located at 1421 N Schmeer Rd, immediately west of I-5. The station receives flow from 9 other pump stations located in the area north & west of the Columbia Slough, south of Marine Drive, and bounded on the west by I-5. Schmeer PS discharges flow via a 20-inch pressure line to the Lombard Interceptor.

The station was originally commissioned in 1978, and is a wetwell/drywell sanitary sewer station constructed in a cylindrical concrete caisson. The 20-inch pressure line system splits into parallel 16-inch pipelines where it crosses the Columbia Slough and the parallel 16-inch lines are suspended on and under the southbound I-5 bridge across the Slough. A recent ODOT project that improved and widened the bridge required the relocation of portions of the 20-inch pressure line between the station and the north end of the bridge, and a short section of the 20-inch line on the south end of the bridge. The pressure line relocation work was completed in 2008.

The station is equipped with the three 75-hp dry pit type sewage pumps that were installed in 1978, and has a standby diesel-generator set installed. The pump motors are constant speed with across-the-line starters. The Wastewater Group pump station maintenance (PUMA) section has noted significant deficiencies related to the existing pumps and air relief valves that are outdated, and for which spare parts are very difficult to obtain. As a result, this pump station is a priority for an upgrade project in the PS Improvement Program (PSIP) to improve reliability and to bring the facility into conformance with current codes. The instrumentation and control (I&C) system will also be upgraded to better integrate this key pump station in the overall BES sewage collection and conveyance system.

The preliminary flow analysis concluded that the future pumping system will need to provide a minimum firm pumping capacity of 1800 gpm in order to capture and convey peak wet weather flows. The flow analysis will be further refined during the preliminary and final design phases of the project.

The upgrade required at the Schmeer PS will include:

- Replacement of pumps, motors, pipes, valves and associated appurtenances
- Evaluation of the condition of the existing forcemain
- Replacement of the electrical power distributions system, the instrumentation and control (I&C) system, and the monitoring and telemetry system
- Replacement of the auxiliary (back-up) electrical power system
- Modifications to existing structures and addition of new structures to accommodate mechanical, electrical, and site improvements.
- Installation of a temporary pump-around system to minimize disruption to the sanitary and storm sewer service to the area
- Installation of site improvements such as stormwater treatment facility and landscaping

III. FINANCIAL IMPACT

The estimated cost for the recommended contract is \$361,750. M/W/ESB participation is \$203,523 or 56% of the total contract amount. Funds are available in the Sewer System

Operating Fund, FY 2013 Budget, Bureau of Environmental Services WBS Element E07448.

IV. LEGAL ISSUES

No legal issues related to the proposed contract have been identified.

V. CONTROVERSIAL ISSUES

No controversial issues related to the proposed contract have been identified.

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 Specifications.

VII. CITIZEN PARTICIPATION

An outside minority evaluator from the Minority Evaluator Program was recruited to participate on the consultant selection committee. Due to this projects anticipated public impacts, a BES public involvement staff person will be assigned and will be responsible for developing and implementing a public involvement plan for the design, construction, and startup/closeout phases of the project.

VIII. OTHER GOVERNMENT PARTICIPATION

Oregon Department of Transportation (ODOT) will be contacted and will be involved in the project due to pump station's proximity to the I-5 freeway.

Portland Bureau of Transportation (PBOT) will be contacted and consulted for their traffic control and possible right-of-way requirements. PBOT will also assist with possible property acquisition.

Multnomah County Drainage District #1 and Peninsula Drainage District #2 will be contacted for the possibility of acquiring additional property for the pump station upgrade.

Coordination with Bureau of Purchases will be required during the bid and award phase of this project.

Building permits will be required by the Bureau of Development Services prior to construction. BES will apply for and acquire all commercial building permits.

Coordination will be required with the Bureau of Parks and Recreation for on-site landscaping.

Oregon Department of Environmental Quality (DEQ) will review, for approval, design documents for the pump station upgrade.

IX. FINANCIAL IMPACT ON LOCAL ECONOMY

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

Approximately 1.5 full-time equivalent professional positions will be supported by this contract.

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

M/W/ESB participation on this contract is \$203,523, which represents 56% of the total proposed contract amount.

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

WHAT IS THEIR BUSINESS LICENSE NUMBER? 688089

IS THEIR ACCOUNT WITH THE CITY CURRENT? YES

IF NOT, HOW MUCH IS OWING? N/A