

**FINANCIAL IMPACT STATEMENT**  
**For Council Action Items**  
**(Use this form for Ordinances and Resolutions)**  
 (Deliver original to Financial Planning Division. Retain copy.)

1. Name of Initiator Scott Gibson	2. Telephone Number 503-823-7615	3. Bureau/Office/Dept. Environmental Services
4a. To be filed (date)  December 2, 2009	4b. Calendar (Check One) Regular    Consent    4/5ths [X]        [ ]        [ ]	5. Date Submitted to FPD Budget Analyst:

**1) Legislation Title:**

Amend contract with CH2M Hill for additional work and compensation for the Fanno Basin pump station pressure main – Garden Home Section, Project No. E08293 (Ordinance, Amend Contract No. 37100)

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

To authorize the Commissioner of Public Affairs and Auditor to increase the contract amount of amended contract No. 37100 with CH2M Hill for the purpose described in Section 1, in the amount of \$68,931.

**3) Revenue:**

**Will this legislation generate or reduce current or future revenue coming to the City? If so, by how much? If new revenue is generated identify the source.**

No.

**4) Expense:**

**What are the costs to the City as a result of this legislation? Include costs in the current fiscal year as well as costs in future years. If the action is related to a grant or contract include the local contribution or match required.**

The estimated cost of this contract amendment is \$68,931. Funds are available in the Sewer System Operating Fund, FY 2010 Budget, Bureau of Environmental Services, Project No. E08293.

**5) Staffing Requirements:**

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

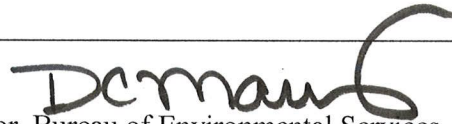
No.

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

No.

**6) Change in Appropriations:** Budget changes for the current year must go through the BMP Process. This section may only be use with prior permission of your OMF analyst for exceptions. Reflect the dollar amount to be appropriated by this legislation. Include the appropriate center codes and accounts to be used by Central Accounting. Indicate "new" in Center Code column if new center needs to be created. Use additional space if needed.

Fund	Center Code	Account	Amount	Project Fund	Project No.



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, Principal Engineer BES Design Services Division

DATE: November 3, 2009

RE: Authorization to amend contract No. 37100 with CH2M Hill for additional work and compensation for the Fanno Basin pump station pressure main – Garden Home Section, Project No. E08293 (Ordinance, Amend Contract No. 37100)

*Will By*

Requested Council Hearing Date: December 2, 2009

## I. RECOMMENDATION

Amend contract No. 37100 with CH2M Hill for additional work and compensation for the Fanno Basin pump station pressure main – Garden Home Section, Project No. E08293.

## II. BACKGROUND

The Fanno Basin (FABA) PS pressure main was constructed under two separate construction contracts, with the lower, Garden Home Section consisting of approximately 6,700-lf of 32-inch O.D. DR 11 and DR 13.5 HDPE pipe, and the upper, Multnomah Section consisting of approximately 10,000-lf of 30-inch nominal DR 32.5 and DR 41 PVC pipe. The rated firm capacity of the existing pump station and force main is 24-cubic feet per second (cfs).

The Garden Home Section of the pressure line has experienced multiple joint failures during normal operation of the Fanno Basin pump station, and an emergency repair project was completed in December 2008 that allowed the pressure line to be returned to limited service during storm events only to prevent overloading and potential damage to the CWS Fanno interceptor system. However, the replacement project needs to move forward as expeditiously as possible in order to return the Fanno Basin pump station to reliable service within the time lines approved by DEQ.

The scope of work in the original contract (Ordinance 180541) was based on the existing design flow of 24-cfs. Amendment No. 1 (Ordinance 182203) included the design of a parallel 18-inch pressure line as a contingency that could be removed at 90% design if it

was not needed, because flow modeling was in progress but had not been completed at that time. Flow monitoring and modeling conducted by the BES Systems Analysis section for the Fanno Basin collection system have concluded that the firm pumping capacity of the Fanno Basin pump station must be increased from 24-cfs to 40-cfs in order to effectively capture and convey peak influent flows. Amendment No. 2 included the design of two parallel 30-inch pressure pipes to convey the increase flows.

Amendment No. 3 includes the following additional design tasks: coordination with Vigil-Agrimis with regard to permitting and floodplain issues; participation at additional project meetings; coordination with Portland Bureau of Transportation (PBOT) survey; field meetings with PBOT survey; coordination with PBOT right-of-way agents; additional project coordination meetings resulting from longer design period; multiple permanent and temporary easement revisions; revisions of existing casing location based on new construction survey data; revisions to a combined air release valve (CARV) vault; CARV vault location changes; design of new access road; design of new retaining wall; attendance at and participation in a value engineering (VE) workshop for the Fanno Surge Tank Facility design that had design implications that impacted the pipe pressure class rating for the Garden Home Section of the pressure line; the addition of a new fiber optic conduit system to plans; preparation of multiple exhibits; and potential alignment revision at the Tualatin Hills Park and Recreation District management.

### III. FINANCIAL IMPACT

The estimated cost of this contract amendment is \$68,931. Funds are available in the Sewer System Operating Fund, FY 2010 Budget, Bureau of Environmental Services, Project No. E08293.

### IV. LEGAL ISSUES

There is ongoing litigation initiated by the City Attorney's office with the original contractor. No other legal issues have been identified.

### V. CONTROVERSIAL ISSUES

The replacement of the existing pressure line after less than 10-yr of service, and the accompanying disruption during construction is a controversial issue with the local neighborhood associations. Extensive public outreach efforts have been expended to communication with the associations, and the local citizens regarding the need to undertake this project.

### 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

Public outreach for this project has been conducted by the BES Director's Office. Several 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.

## VIII. OTHER GOVERNMENT PARTICIPATION

Other government agencies are not involved with the proposed contract amendment.

## IX. FINANCIAL IMPACT ON LOCAL ECONOMY

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

N/A

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

M/W/ESB participation after the authorization of this contract amendment will be \$29,649, 6.82% of the total amended contract amount of \$434,489.

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

WHAT IS THEIR BUSINESS LICENSE NUMBER? 308278-06

IS THEIR ACCOUNT WITH THE CITY CURRENT? Yes

IF NOT, HOW MUCH IS OWING? N/A