



# CITY OF PORTLAND ENVIRONMENTAL SERVICES



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

## MEMORANDUM

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**Date:** March 27, 2013

**TO:** Charlie Hales, Mayor  
Dean Marriott, Director, Bureau of Environmental Services  
Christine Moody, Chief Procurement Officer, Bureau of Purchases

**FROM:** Mark Hutchinson *Mark Hutchinson*

**SUBJECT:** Fanno Basin Pump Station Force Main: Garden Home Section  
Project No. 9115, Contract No. 30001207

**Copies:** Bill Ryan, Scott Gibson, Ted Luyben, Dan Hebert

City Code requires the Commissioner, Bureau Director and Purchasing Agent's approval for expenditures in excess of 125% of the original authorized construction contract amount.

The Fanno Basin Pump Station Force Main: Garden Home Section project will exceed the original contract amount (\$6,335,357) by \$2,242,283.02 or 35.39%. Ordinance #185016 increased the authorized contract amount to \$8,400,000. Settlement of a claim by the Contractor will cause this project to exceed that authorization by \$177,640.02. This is the amount for which additional authorization is needed.

The Garden Home section of the force main project runs from the Fanno Basin Pump Station at SW 86<sup>th</sup> Avenue, off Scholls Ferry Road, to SW 69<sup>th</sup> and Railroad Street. It runs under the Fanno Recreation Trail, crosses the property of the Tualatin Hills Parks and Recreation District, then travels in a few small streets and in private property easements before it crosses Oleson Road and goes on to meet the Multnomah section pipe at 69<sup>th</sup> and Railroad. Emery and Sons Construction, Inc. installed twin 30-inch welded steel pipes to replace the existing 32" HDPE force main.

Timely completion was critical, as sewage would have to be diverted to Clean Water Services if the pressure mains were not operational and the Pump Station could not be restarted at the end of the specified construction time. This would incur a fee from CWS and could potentially cause flooding in downtown Beaverton. However, during the course of construction, multiple changes to the work, unforeseen utility conflicts and requirements imposed by other agencies delayed the construction and caused Emery to bring additional crews to the project, change their proposed means of performing the work and accelerate their schedule.

As a result of the changed and extra work, Emery filed a Request for Equitable Adjustment in the amount of \$1,070,035.60, largely based on Lost Productivity resulting from the acceleration (\$302,927.22) and Time Extension (\$564,294.16) costs. A negotiated settlement was reached, with the assistance of the City Attorney, in the amount of \$468,915.00. This, on top of the amount earned to date, will bring the total contract value to \$8,577,640.02

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Payment of the settlement and closure of the contract are contingent on this increased budget authority. Please contact me at 3-7203 if you have any further questions.

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Charlie Hales, Mayor

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Dean Marriott  
Director, Bureau of Environmental Services

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Christine Moody,  
Chief Procurement Officer, Bureau of Purchases

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# CITY OF PORTLAND ENVIRONMENTAL SERVICES



1120 SW Fifth Avenue, Room 1000, Portland, Oregon 97204 ■ Dan Saltzman, Commissioner ■ Dean Marriott, Director

## MEMORANDUM

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**Date:** March 27, 2013  
**TO:** Charlie Hales, Mayor  
**FROM:** Mark Hutchinson, BES *W. H. B.*  
**SUBJECT:** Fanno Basin Pump Station Force Main: Garden Home  
Section Project No. 9115, Contract No. 30001207

Listed below are changes to the project cost:

<u>Original Contract Amount</u>	<u>\$6,335,357.00</u>
Change Order #1 Relocate exst. CWS sewer	286,930.00
CO #2 Bedding & backfill req'd by Beaverton	5,846.00
CO #3 Pipe abandonment above contract qty	23,400.00
CO #4 Perm. Connection of FM to PS	391,350.00
CO #5 Paving to meet Wash. Co. Reqmts	83,005.50
CO #6 Restoration of Easements & drainage	37,535.00
CO #7 Utilities & outside agencies (18 items)	180,686.16
CO #8 Temp connection to the PS (+ 6 items)	226,699.16
CO #9 Increase Contract Time	0.00
CO #10 Fabricate & Deliver Screen Assembly	17,985.00
CO #11 Settlement of Bid Quantities	10,000.00
CO #12 Project Acceleration	215,505.54
CO #13 Hydrostatic Testing of Line "A"	38,065.75
CO #14 Inc. Quant. of Trench Exc & BF	65,306.25
CO #15 Forcemain Leak Investigation	62,973.89
CO #16 Rem. & Repl. Failed Access Manway	88,000.00
subtotal:	\$8,068,645.25
Unit Quantity Increases	55,439.94
\$ amount committed to date:	\$8,124,085.19
\$ amount paid to date:	\$8,111,516.04

Outstanding Items:

Claim Settlement \$466,128.98

Final Contract Amount

\$8,577,640.02

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Total Authority Requested

\$8,577,640.02

Total Authority Authorized by Ordinance  
#185016

\$8,400,000

Additional Authority Requested

\$177,640.02