



MEMO TO: City Council

FROM: John Marchione, Mayor

DATE: June 7, 2011

SUBJECT: **ACCEPTANCE OF CONSTRUCTION FOR WELL NO. 4 CHEMICAL
FEED SYSTEM, PROJECT NO. 100324**

I. RECOMMENDED ACTION:

Approve the final contract amount with Gary Harper Construction, Inc. for the base bid amount of \$140,762.25 plus change orders, bid item quantity increases, decreases and sales tax, which resulted in a final contract amount of \$121,988.28 and accept construction of the Well No. 4 Chemical Feed System, Project No. 100324 as of June 7, 2011.

II. DEPARTMENT CONTACT PERSONS:

| | |
|--|--------------|
| Bill Campbell, Director of Public Works | 425-556-2733 |
| Ron Grant, Assistant Public Works Director/City Engineer | 425-556-2742 |
| Michael Haley, Project Manager | 425-556-2843 |

III. DESCRIPTION:

The customers around Water Well No. 4, which is located on the City Campus, began complaining about colored water and stains on their clothes, fixtures, and appliances in 2003. Water sampling results indicated elevated levels of iron and manganese. In 2005, a temporary chemical treatment system was installed in Well No. 4 that has proven effective in greatly reducing the colored water and stains. The Water Capital Improvement Program (CIP) identified the installation of a permanent chemical feed system in Well No. 4 in 2007.

Project improvements include:

- Demolition of the temporary chemical treatment system.

- Installation of a permanent chemical treatment system that is integrated into the water system's remote electronic controls and data acquisition capabilities.

The contractor began work in October 2010, and work was substantially complete in April 2011, with final completion of all punch list items and change order work in May 2011.

There were no contractor claims filed against the City, and no liquidated damages were assessed against the contractor.

All work under this contract has been completed in accordance with the plans and specifications approved by the City Engineer. The recommended action approves the final amount and constitutes final acceptance of the work under the contract.

IV. IMPACT:

A. Service/Delivery:

This project removes iron and manganese from the water discharged from Well No. 4. Customer complaints of colored water and/or staining on their clothes, water fixtures, and household appliances will be minimized. The upgraded control panel adds features to Well No. 4 to match the other recently updated well production facilities.

B. Fiscal:

Construction:

| | |
|---------------------------------------|------------------|
| Gary Harper Construction, Inc. | \$121,988 |
| Construction Engineering & Inspection | 25,000 |
| Miscellaneous | <u>5,000</u> |
| Total | \$151,988 |

Project Funding:

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|-----------------|-----------|
| Water/Sewer CIP | \$151,988 |
|-----------------|-----------|

V. ALTERNATIVES:

None.

