

# REPORT

To the Honorable Mayor and City Council  
From the City Manager

June 22, 2009

## **SUBJECT**

Final Acceptance – Master Water Meter Replacement Project

## **RECOMMENDATION**

Accept, by motion, the Master Water Meter Replacement Project for the Boardwalk Subdivision near Marine Parkway and Shell Parkway within Redwood Shores and authorize the release of bonds and the retention according to city procedures.

## **BACKGROUND**

On February 23, 2009, Council awarded the construction contract for the Master Water Meter Replacement Project for the Boardwalk Subdivision to Ashlin Pacific Construction, Inc. The work of this project included the installation of four six-inch detector water meters, concrete vaults, piping and appurtenances, one retaining wall, and restoration of all landscaping damaged as a result of the construction activities.

The existing four 6-inch master detector meters had outlived their useful life and were outdated to the extent that services to calibrate, maintain, and repair the equipment could no longer be secured. This project was performed within a private subdivision as the City is responsible for the maintenance of these meters to ensure their reliability. By replacing the master detector meters, this project has improved the reliability of the master water meters for the Boardwalk Subdivision.

The project was awarded for a base bid of \$86,900.00. Construction began in March, 2009. The project was successfully completed in accordance with the plans and specifications. Two (2) change orders totaling \$2,284.88 were issued. The final contract amount is \$89,184.88 which is 2.63% more than the initially awarded contract amount. Change orders resulted from unexpected conditions encountered during construction. Unanticipated work included (a) the replacement of a 2-inch irrigation service which was removed to accommodate the installation of the concrete vaults associated with Meter No. 3. and (b) removal of a concrete thrust block to facilitate the installation of the concrete vault for Meter No. 2. These work items generated an additional expense of \$2,284.88.

## **ALTERNATIVES**

Council may choose not to accept the project and/or not to authorize the release of bonds and retention which would be contrary to the terms of the contract, prior Council action, and the public contracting code.

## **FISCAL IMPACT**

Funding for this construction agreement has been previously approved and appropriated in the Fiscal Year 2008/09 budget as Water Fund Capital Projects, Master Meter/Backflow Prevention.



Jimmy Tan, P.E.  
Senior Civil Engineer



Chu Chang, P.E.  
Community Development Services Director

**ATTACHMENTS**

None

**RELATED DOCUMENTS IN CITY CLERK'S OFFICE**

None



S. Peter Vorametsanti, P.E. *for*  
City Engineer



Peter Ingram  
City Manager