



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 25, 2007
TO: Mayor and Councilmembers
FROM: Engineering Division, Public Works Department
SUBJECT: Notice Of Completion For The Water Main Replacement Project

RECOMMENDATION:

That Council accept the work completed by Lash Construction, Inc. (Lash), Contract No. 21,625, for the Water Main Replacement Project, Bid No. 3389, located at various locations, as shown on the attached list, in the final contract amount of \$4,130,859.77, including approved changes, and approve filing of a Notice of Completion.

DISCUSSION:

SCOPE OF WORK

The project consisted of all labor and materials to install approximately 32,000 linear feet of water main, water valves, fittings, fire hydrant assemblies and other appurtenances necessary to construct the water mains complete and in place. This project represents two years of Water Main Replacement funding and replaces approximately 2% of the City water mains.

BACKGROUND

On March 1, 2005, Council awarded the project construction contract to Lash in the amount of \$3,836,113. Council also authorized the Public Works Director to approve expenditures for extra work, in the amount of \$300,000, and authorized the General Services Manager to issue a purchase order to Martyn Field Services, Inc., for material testing services.

SUMMARY

Lash has completed all work in accordance with the contract plans and specifications. Final inspection of the work for acceptance by the City took place on August 10, 2007.

REVIEWED BY: _____ Finance _____ Attorney

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The final contract amount of \$4,130,859.77 is \$294,746.77 over the original contract amount of \$3,836,113. This difference is due to the issuance of contract change orders in the total amount of \$482,658.50 and differences between bid quantities and quantities measured for payment amounting to a credit of \$187,911.73, for a net project cost change of \$294,746.77.

CHANGE ORDERS

The change orders consisted of modifications to the design that were required as unknown conditions were discovered. Modifications are common on many underground projects of this type. The changes also included the use of slurry seal to resurface a number of streets that were extensively damaged due to the replacement work.

The following charts summarize the construction contract authorizations:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Base Contract	Change Funds	Total
Initial Authorization	\$3,836,113	\$300,000.00	\$4,136,113.00
Final Actual Expenditure	\$3,836,113	\$294,746.77	\$4,130,859.77

TOTAL PROJECT COST SUMMARY

Design (by Contract & City staff)	\$422,560
Other Design Costs (Drafting services)	\$173,514
Construction Contract	\$3,836,113
Construction Change Order costs	\$294,746.77
Construction Management/Inspection (by Contract & City staff)	\$274,244
Other Construction Costs (testing, etc.)	\$7,100
TOTAL	\$5,008,277.77

Staff recommends that Council accept the work and approve filing of a Notice of Completion.

SUSTAINABILITY IMPACT

The replacement of the water main system is of vital importance to continue to provide water to the City. Projects of this type are structured to maintain the City goal of replacing 1% of the system annually.

ATTACHMENT: Project Location List

PREPARED BY: John Schoof, Principal Civil Engineer/TG/mj

SUBMITTED BY: Anthony J. Nisich, Public Works Director

APPROVED BY: City Administrator's Office

PROJECT LOCATION LIST
WATER MAIN REPLACEMENT FY 2003-2004
BID NO. 3375

- ALAMAR AVENUE De La Vina St. to Orella
- ALAMEDA PADRE SERRA De La Guerra Rd. to Las Alturas
- CALLE REAL Wye Rd. to Pesetas Ln.
- CANADA STREET Quinientos St. to Pitos St.
- CANON PERDIDO STREET San Andres St. to San Pascual St.
- CONSTANCE AVENUE De La Vina St. to Constance Ave. Alley
- CORONEL PLACE San Pascual St. to Rancheria St.
- DE LA GUERRA ROAD De La Guerra St. to Los Pueblos Rd.
- DE LA GUERRA STREET Alisos St. to Soledad St.
- DE LA VINA STREET Samarkand Dr. to Calle Laureles
- EL CIELITO ROAD Mount Cavalry to Gibraltar Rd.
- FOOTHILL ROAD Northridge Rd. to Morada Ln.
- GREENRIDGE LANE Mission Ridge Rd. to end
- LAS CANOAS PRIVATE ROAD 702 Las Canoas Pl. to 2010 Las Canoas Rd.
- MOUNTAIN DRIVE Mission Ridge Rd. to Rockwood Dr.
- ONTARE ROAD 1189 North Ontare Rd. to 1211 North Ontare Rd.
- ORELLA STREET Alamar Ave. to Quinto St.
- PUNTA GORDA STREET Voluntario St. to Canada St.
- QUARANTINA STREET Gutierrez St. to Montecito St.
- ROCKWOOD DRIVE Mountain Dr. to Fairwood Ln.
- SAN ANDRES STREET Anapamu St. to Canon Perdido St.
- SAN PASCUAL STREET Canon Perdido St. to Coronel Pl.
- SPRING STREET Carrillo St. to Ortega St.
- STATE STREET Valerio St. to Ortega St.
- STATE STREET Quinto St. to Junipero St.
- VALERIO STREET Calle Boca del Canon to Robbins St.
- EL CIELITO RESERVOIR VALVE HOUSE IMPROVEMENTS