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Staff Report

City of Manhattan Beach

TO: Honorable Mayor Montgomery and Members of the City Council

THROUGH: Richard Thompson, Interim City Manager

FROM: Jim Arndt, Director of Public Works
Steve Finton, City Engineer
Michael A. Guerrero, Principal Civil Engineer

DATE: October 19, 2010

SUBJECT: Consideration to Approve Award of Construction Contract to T.E. Roberts Inc. (\$982,400.00) and Award of Professional Engineering Services Contract to Willdan (\$65,000) for the FY2010-11 Water Main Replacement/Installation Project

RECOMMENDATION:

It is recommended that the City Council pass a motion to:

- a) Award a contract in the net amount of \$982,400.00 for the 2010-11 Water Main Replacement/Installation Project to T.E. Roberts Inc.;
- b) Authorize the Director of Public Works to approve additional work in an amount not-to-exceed \$100,000.00, if required; and,
- c) Award a Professional Engineering Services contract to Willdan in an amount not-to-exceed \$65,000 for construction inspection services.

FISCAL IMPLICATION:

Water Funds in the total amount of \$1,750,000 have been appropriated for this project through the Fiscal Year 2010-11 Capital Improvement Program. A summary of expenditures and revenues is as follows:

Budget	
Pacific Ave Water Main Replacement Project	\$1,200,000.00
Artesia Blvd Water Main Installation Project	\$ 550,000.00
TOTAL BUDGET	\$1,750,000.00
Expenditures	
Construction Contract (T.E. Roberts Inc.)	\$ 982,400.00
Contingency (10%)	\$ 100,000.00
Inspection Contract (Willdan)	\$ 65,000.00
TOTAL ESTIMATED EXPENDITURES	\$1,147,400.00

BACKGROUND

This project is part of the City’s annual water main replacement program. Flows in the water system are restricted over the years due to build-up of deposits on the interior of the existing pipes. Also due to the age and condition of the existing pipes, the older water mains are prone to unexpected main breaks. By replacing the existing mains on Pacific Avenue, the circulation and reliability of the water system will be greatly improved. The installation of a new water main on Artesia Boulevard within the project limits will improve circulation of the City’s existing water system by providing an interconnection between the water system on either side of Mira Costa High School. The new lines throughout the project will also ensure that adequate water pressure is provided for residences and for fire flow.

This project will replace the existing water main on (see attached map):

- Pacific Avenue from Manhattan Beach Boulevard to Rosecrans Avenue

The project will install a new water main on:

- Artesia Boulevard from Prospect Avenue to Peck Avenue

After the water main installation project is completed the City will be resurfacing Pacific Avenue from Manhattan Beach Boulevard to Rosecrans Avenue at a future time (estimated Summer/2011).

Environmental Review

In accordance with the California Environmental Quality Act (CEQA) of 1970, this project is Categorical Exempt (Section 15301, Class 1(b)). A Notice of Exemption has been filed with the County Clerk’s office.

DISCUSSION:

Bid Proposals

This project was advertised for bids in six construction industry publications. Subsequently, 39 sets of plans and specifications were provided to contractors, subcontractors and material suppliers. A total of 20 bids were received and opened on October 7, 2010 as follows:

	Engineer’s Estimate	\$1,150,000.00
1.	T.E. Roberts Inc.	\$ 982,400.00
2.	Mike Bubalo Construction	\$1,083,460.00
3.	TBU, Inc.	\$1,130,250.00
4.	J. Fletcher Creamer & Sons, Inc.	\$1,173,190.00
5.	Vido Samarzich Inc.	\$1,178,000.00
6.	Kana Pipeline, Inc.	\$1,232,380.00
7.	Sully-Miller Contracting Co.	\$1,235,340.00
8.	J.A. Salazar Construction & Supply Corp.	\$1,263,898.00
9.	Cedro Construction Inc.	\$1,270,430.00
10.	John T. Malloy, Inc.	\$1,285,450.00

11.	Tomovich & Associates	\$1,285,925.00
12.	Colich & Sons, L.P.	\$1,288,850.00
13.	Vido Artukovich & Sons, Inc.	\$1,315,325.00
14.	Atlas-Allied, Inc.	\$1,381,605.00
15.	EAR Engineering	\$1,468,710.00
16.	Cedars Engineering Construction Inc.	\$1,532,000.00
17.	J. DeSigio Construction, Inc.	\$1,587,775.00
18.	Blois Construction, Inc.	\$1,774,500.00
19.	Zondiros Corporation	\$1,937,425.00
20.	G Coast Construction	\$2,147,400.00

T.E. Roberts Inc.'s bid was reviewed by the Public Works Department and found to be responsive. Staff reviewed T.E. Roberts Inc.'s contractor's license and found it to be in order. T.E. Roberts recently completed the 2007-2010 Water Main Replacement Project to the City's satisfaction. Additionally, references indicate T.E. Roberts Inc. has the knowledge and capability to complete the work.

Additional Work Authority

Authorizing the Director of Public Works to approve additional work in an amount not-to-exceed \$100,000.00 would expedite construction on this project. Projects that involve extensive excavation have a higher probability for encountering unforeseen conditions. If the contingency is approved with this award, the Director of Public Works will report the status of any additional work to Council at the end of the project.

Construction Inspection Services

Previously, the City issued a Request for Proposals and developed a list of qualified inspection consultants to provide as-needed construction inspection services on an hourly basis with a not-to-exceed fee. Staff recommends that the construction inspection contract be awarded to Willdan for the not-to-exceed amount of \$65,000 due to their experience with similar projects and responsiveness to the City's needs. City staff will manage the construction contract and the consultant inspector will provide full-time on-site construction inspection and coordination. The recommended contract will provide the following services required to complete the project:

- Construction inspection including full-time inspectors to verify construction methods and traffic control are performed according to the contract
- Monitor Storm Water Pollution Prevention Program (SWPPP) and National Pollutant Discharge Elimination System (NPDES) project issues
- Review Requests for Information (RFI)
- Review progress payments and verify field quantities of bid items
- Construction documentation including Record Drawings

Schedule

It is estimated that construction will begin on or after November 29, 2010 and includes 70 working days for completion. The Contractor is required to complete the work on Pacific Avenue from

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Manhattan Beach Boulevard to 17th Street (adjacent to Pacific Elementary School) between December 20, 2010 to December 31, 2010 during the school Winter Recess in order to minimize effects of construction traffic detours, parking restrictions, and water system shut downs.

Attachment: Project Location Map

xc: Henry Mitzner, Controller
Jeanne D. O'Brien, Accountant

City of Manhattan Beach 2010 - 2011 Water Main Improvements

