



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 23, 2014

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of The La Colina Force Main No. 2 Project

RECOMMENDATION: That Council:

- A. Award a contract with J&H Engineering General Contractors, Inc., waiving minor irregularities, in their low bid amount of \$515,730 for construction of the La Colina Force Main No. 2, Bid No. 3960; and authorize the Public Works Director to execute the contract and approve expenditures up to \$51,573 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment; and
- B. Authorize the Public Works Director to execute a contract with MNS Engineers, Inc., in the amount of \$14,840 for construction support services, and approve expenditures of up to \$1,484 for extra services that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

In 2012, Brown & Caldwell (BC) prepared a Lift Station and Force Main Condition Assessment Report (Report) for the City's seven wastewater collection system lift stations. This Report identified recommended improvements to both the lift stations and force mains, prioritized the improvements, and made repair recommendations. Force mains are pressurized sewer pipes.

Based on the BC Report, staff proposes to install new redundant parallel force mains at the La Colina, Via Lucero, and El Camino De La Luz Lift Stations. These existing force mains pose a high risk of failure due to the age and materials.

The Braemar Lift Station had a new force main installed in 1994 and is in good condition; however the original force main was abandoned in place, and therefore,

cannot provide redundancy. Braemar Lift Station is critical due to its proximity to Arroyo Burro Creek and high flows, therefore, staff proposes to replace the existing abandoned force main using the pipe-bursting method.

On December 10, 2013, Council authorized a contract with MNS Engineers, Inc. (MNS), for design services of the Lift Station Improvement Project, which provides for final design services of the La Colina, Via Lucero, El Camino De La Luz and Braemar Lift Station force mains. Construction is planned in phases to match current and future year budgeted appropriations. The design of the La Colina Force Main is now complete and ready for construction.

PROJECT DESCRIPTION

The work for the construction of the La Colina Force Main No. 2 Project (Project) consists of installation of a second, parallel 3,200-linear-foot force main at the La Colina Lift Station, replacement of a manhole, expansion of the valve vault, bypassing, and miscellaneous utility relocation and coordination.

CONTRACT BIDS

A total of eight bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	J&H Engineering General Contractors, Inc. Camarillo, CA	\$515,730.00*
2.	Lash Construction, Inc. Santa Barbara, CA	\$540,847.00
3.	Tierra Contracting Goleta, CA	\$571,663.00
4.	D-KAL Engineering, Inc. San Luis Obispo, CA	\$607,939.00
5.	Toro Enterprises, Inc. Oxnard, CA	\$620,184.00
6.	Cedro Construction Santa Paula, CA	\$754,180.00*
7.	Blois Construction, Inc. Oxnard, CA	\$783,624.00
8.	Specialty Construction, Inc. San Luis Obispo, CA	\$945,045.00

**corrected bid total*

The low bid of \$515,730, submitted by J&H Engineering General Contractors, Inc., is an acceptable bid that is responsive to and meets the requirements of the bid specifications. The change order funding recommendation of \$51,573, or 10 percent, is typical for this type of work and size of project.

CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with MNS in the total amount of \$16,324 for construction support services. MNS designed the Project and is experienced in this type of work.

COMMUNITY OUTREACH

On July 24, 2014, Project Notification Letters were sent out to residents and businesses, providing them with basic project related information. A pre-construction public meeting was held on August 5, 2014, to inform residents and businesses of the construction timeline and to review project details.

Staff will send out a Pre-Construction Notification Letter two weeks prior to construction to provide updated project related information to residents and businesses. The contractor is also required to place lighted message boards in the neighborhood two weeks prior to construction, and will provide door hangers to affected residences and businesses 72 hours prior to construction.

FUNDING

This Project is funded by the Wastewater Fund, and there are sufficient appropriated funds to cover the cost of this Project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
J&H Engineering	\$515,730	\$51,573	\$567,303
MNS	\$14,840	\$1,484	\$16,324
TOTAL RECOMMENDED AUTHORIZATION			\$583,627

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

**Cents have been rounded to the nearest dollar in this table.*

Design (by Contract)	\$87,491
City Staff Costs	\$24,244
Subtotal	\$111,735
Construction Contract	\$515,730
Construction Change Order Allowance	51,573
Subtotal	\$567,303
Other Construction Costs (testing, etc.)	\$7,500
Construction Support Services (by Contract)	\$16,324
Construction Management/Inspection (by City Staff)	\$91,056
Subtotal	\$114,880
TOTAL PROJECT COST	\$793,918

PREPARED BY: Lisa Arroyo, Supervising Civil Engineer/BR/mh

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office