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## CITY OF SANTA BARBARA

### COUNCIL AGENDA REPORT

**AGENDA DATE:** November 14, 2017

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Contract for Construction of El Cielito Pump Station Upgrades Project

**RECOMMENDATION:** That Council:

- A. Award a contract with Lash Construction, in their low bid amount of \$981,000 for construction of the El Cielito Pump Station Upgrades Project; and authorize the Public Works Director to execute the contract and approve expenditures up to \$98,100 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 Carollo Engineers in the amount of \$143,482 for construction support services, and approve expenditures of up to \$14,348 for extra services of Carollo that may result from necessary changes in the scope of work.

#### **DISCUSSION:**

##### Background

The El Cielito Pump Station is located at the Sheffield Open Space. It conveys water from Hoover and McLaughlin Reservoirs at the Sheffield Open Space to the El Cielito Reservoir, which supplies water to the City's higher elevations in the Riviera neighborhoods.

The El Cielito Pump Station is an important water facility for the City. The pump station is in need of upgrades to ensure this facility continues to reliably provide water supplies to the El Cielito Reservoir for domestic water and fire protection.

### Project Description

The work consists of replacing the existing pumps, valves, controls and electrical equipment for the El Cielito Pump Station. The engineer's estimate for the project was \$1,520,000. On October 11, 2017, bids were opened and analyzed.

### Contract Bids

A total of four (4) bids were received for the subject work, ranging as follows:

	<b>BIDDER</b>	<b>BID AMOUNT</b>
1.	Lash Construction, Santa Barbara, CA	\$981,000
2.	Stanek Constructors, San Diego, CA	\$997,000
3.	GSE Construction, Livermore, CA	\$999,500
4.	Spieß Construction, Santa Maria, CA	\$1,493,500

The low bid of \$981,000, submitted by Lash Construction, is an acceptable bid that is responsive to and meets the requirements of the bid specifications. The change order funding recommendation of \$98,100, or 10 percent, which 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 Carollo Engineers Inc., in the amount of \$143,482 for construction support services, and approve expenditures of up to \$14,348 for extra services of Carollo that may result from necessary changes in the scope of work. A significant part of this contract will address new electrical code requirements for Arc Flash prevention. Carollo Engineers was selected through a competitive Request for Proposals process to be the design engineers for the El Cielito Pump Station Upgrades Project (Project).

### Community Outreach

The proposed equipment replacement will all be within an existing building and will not require any modifications to the structure itself. Staff will inform the neighboring properties in advance of construction activity.



Funding

The following summarizes the expenditures recommended in this report:

**CONSTRUCTION CONTRACT FUNDING SUMMARY**

	<b>Basic Contract</b>	<b>Change Funds</b>	<b>Total</b>
Lash Construction	\$981,000	\$98,100	\$1,079,100.00
<b>TOTAL RECOMMENDED AUTHORIZATION</b>			<b>\$1,079,100.00</b>

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)	\$210,541
City Staff Costs	\$64,200
<b>Design Subtotal</b>	<b>\$274,741</b>
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Construction Contract	\$981,000
Construction Change Order Allowance	\$98,100
<b>Subtotal</b>	<b>\$1,079,100</b>
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Support Services During Construction (by Contract)	\$143,482
Allowance for Extra Services (by Contract)	\$14,348
Construction Management/Inspection (by City Staff)	\$128,316
<b>Subtotal</b>	<b>\$286,146</b>
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<b>Construction Subtotal</b>	<b>\$1,365,246</b>
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<b>TOTAL PROJECT COST</b>	<b>\$1,639,987</b>

This project is funded by Water Fund. There are sufficient appropriated funds in the Water Fund to cover the cost of this Project.

**PREPARED BY:** Linda Sumansky, Principal Engineer/TE/sk

**SUBMITTED BY:** Rebecca J. Bjork, Public Works Director

**APPROVED BY:** City Administrator's Office