



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: December 16, 2008

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of The San Roque Well Facility Phase II Project

RECOMMENDATION:

That Council award and authorize the Public Works Director to execute a contract with Lash Construction, Inc. (Lash), in their low bid amount of \$466,941, for construction of the San Roque Well Facility Phase II Project (Project), Bid No. 3541, and authorize the Public Works Director to approve expenditures up to \$56,033 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.

DISCUSSION:

PROJECT DESCRIPTION

The City completed Phase 1 of the construction of a new water well at San Roque Park in 2005, replacing a deteriorated well built at the location in 1950. Phase 1 involved drilling the well, constructing the well casing and screen, installing the pump/motor, and constructing the well head foundation. The water quality and production testing confirmed that the well will be a good producer with relatively good water quality. Water quality and production data collected after completion of Phase 1 allowed the scope for Phase 2 to be determined. Phase 2 includes: construction of above ground well site facilities, an 850-foot well drain line, connection to the City's potable water distribution system, and new landscaping and security fencing around the facility. The new facilities have been designed to accommodate extraction of water as a part of the City's water supply, as well as injection of water to enhance recharge of the groundwater basin.

CONTRACT BIDS

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

	BIDDER	BID AMOUNT
1.	Lash Construction, Inc. Santa Barbara	\$466,941
2.	Specialty Construction, Inc. San Luis Obispo	\$488,676
3.	Sansone Company, Inc San Luis Obispo	\$496,425
4.	Hanly General Engineering Corporation, Santa Ynez	\$539,000
5.	Spieß Construction Company, Santa Maria	\$569,965
6.	Tierra Contracting, Goleta	\$619,560
7.	Schock Contracting, Santa Barbara	\$643,632
8.	Shaw Excavating & Grading, Carpinteria	\$660,510

The low bid of \$466,941, submitted by Lash, is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$56,033, or 12%, is above the standard 10% for projects of this magnitude. The increase change order authority is recommended to offset additional unforeseen issues related to an extremely complex equipment installation process and possible construction impacts to the adjacent neighbors.

FUNDING

There are sufficient funds in the Water Capital Fund 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
Contractor	\$466,941	\$56,033	\$522,974
TOTAL RECOMMENDED AUTHORIZATION			\$522,974

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

ESTIMATED TOTAL PROJECT COST

Design (by Contract)	\$156,411
Design (by City Staff)	\$24,000
Subtotal	\$180,411.00
Construction Contract	\$466,941.00
Construction Change Order Allowance	\$56,033.00
Subtotal	\$522,974.00
Other Construction Costs (testing, etc.)	\$10,000.00
Design Support Services During Construction (by Contract)	\$15,000.00
Construction Management/Inspection (by City Staff)	\$70,500.00
Subtotal	\$95,500.00
TOTAL PROJECT COST	\$798,885.00

SUSTAINABILITY IMPACT:

The Project will make the San Roque Well an Aquifer Storage Recovery well. It will allow the City to draw water during both peak demands and in emergencies. It will also enable the City to recharge the groundwater in times of excess rainfall to retain the water for future use. A variable speed pump will be installed with the Project, enabling pumping rates to match demand rates, thus reducing wasted electrical power. Other sustainable impacts include a weather tracking station, drought tolerant landscape, and the provision of two sets of recycle trash receptacles in the park.

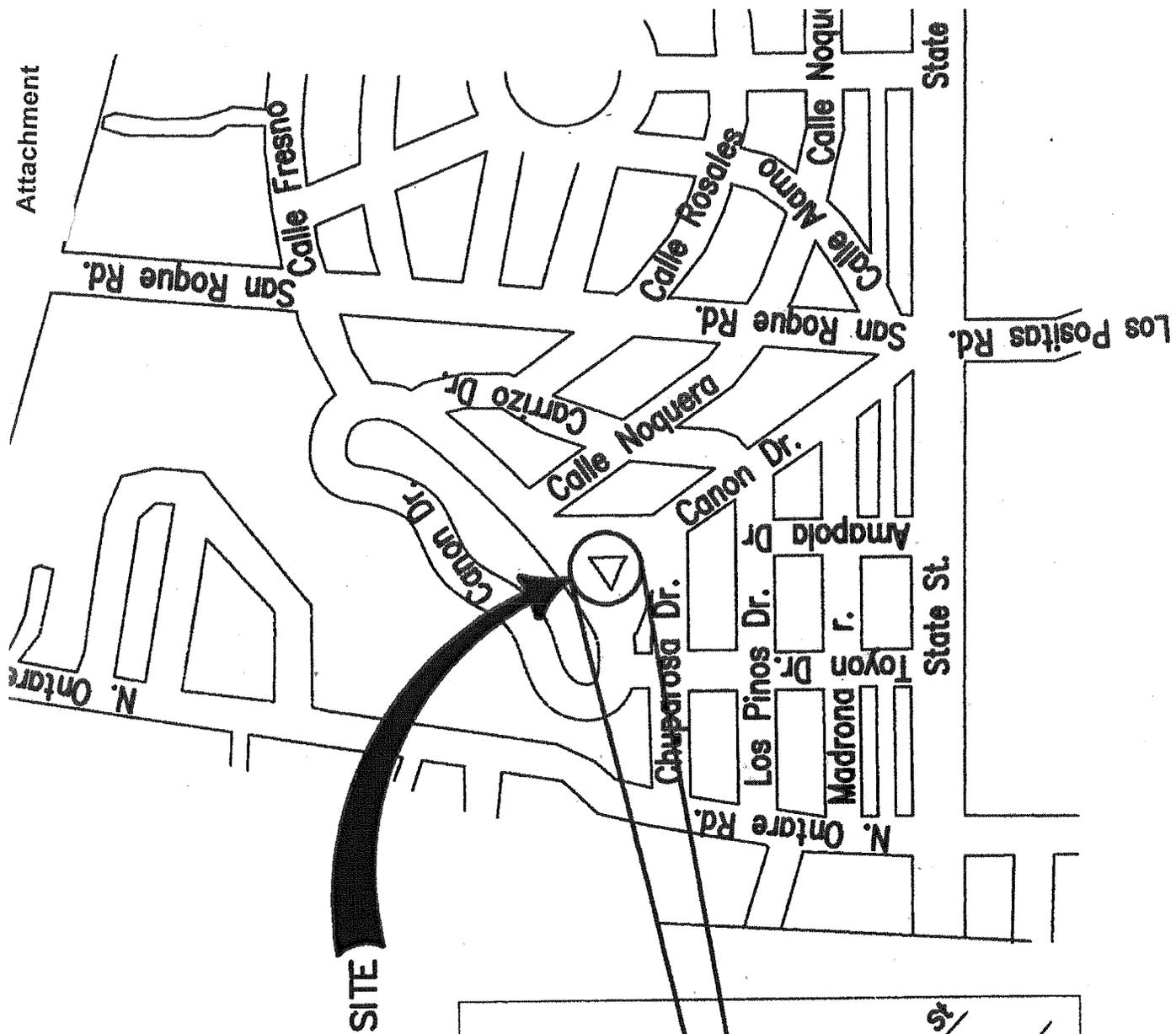
ATTACHMENT: Vicinity Map

PREPARED BY: Joshua Haggmark, Acting Principal Civil Engineer/AF/mj

SUBMITTED BY: Christine F. Andersen, Public Works Director

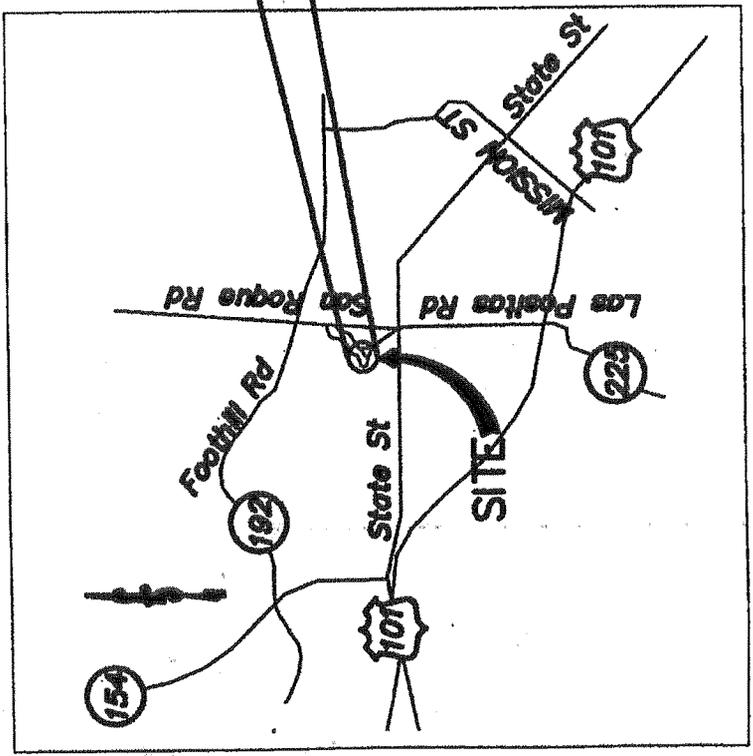
APPROVED BY: City Administrator's Office

Attachment



VICINITY MAP DETAIL

NO SCALE



VICINITY MAP

NO SCALE