



City of Sunnyvale

Agenda Item-No Attachments (PDF)

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REPORT TO COUNCIL

SUBJECT

Award of Bid No. PW16-25 for Baylands Stormwater Pump Station No. 2 Rehabilitation

REPORT IN BRIEF

Approval is requested to award a construction contract in the amount of \$3,342,000 to JMB Construction Inc. of South San Francisco for the Baylands Stormwater Pump Station No. 2 Rehabilitation project (Public Works Project No. UY-12/02-13). Approval is also requested for a 10% construction contingency in the amount of \$334,200.

EXISTING POLICY

Section 1309 of the City Charter requires construction contracts to be awarded to the lowest responsive and responsible bidder.

ENVIRONMENTAL REVIEW

A Mitigated Negative Declaration (MND) was prepared for the project to conform to the requirements of the California Environmental Quality Act (CEQA). The MND was considered and adopted by City Council on March 25, 2014 (RTC No. 14-0209). All required regulatory permits have been obtained for the project.

BACKGROUND AND DISCUSSION

The City of Sunnyvale Storm Pump Station No. 2, located at the edge of Baylands Park, pumps storm water from a collection basin over a levee into Calabazas Creek. The collection basin receives storm water from a 500-acre area of Sunnyvale south of State Route 237 and from the surrounding wetlands. The pump station was designed and built in the 1960s and has reached the end of its useful life.

In 2011, a comprehensive feasibility study of the station was conducted to help determine the most cost-effective rehabilitation strategy to improve reliability of the station and to bring it into compliance with all current codes and standards. The recommended rehabilitation includes upgrades to the existing pump station structure, pumps, piping, electrical systems, the drainage basin, and the creek outfalls. Work on the outfalls into Calabazas Creek and other areas of habitat for plants and wildlife requires regulatory permits from the U.S. Army Corps of Engineers, the California Department of Fish and Wildlife, the Regional Water Quality Control Board (RWQCB) and the Santa Clara Valley Water District (SCVWD).

Schaaf & Wheeler Consulting Civil Engineers of Santa Clara was hired to design, prepare bid documents, obtain regulatory permits and provide bid and construction support services for this project. The design contract was awarded in July 2012 (RTC No. 12-169) following the comprehensive feasibility study. The Schaaf & Wheeler contract was amended in 2015 to add work

required to obtain the regional water quality permit from the RWQCB and to provide construction support services that were not part of the original design contract (RTC No. 15-0133).

The construction improvements include installation of a new electrical service and complete replacement of all electrical equipment, replacement of the existing natural gas powered drive pumps with electric motor driven pumps, installation of a new cathodic protection system, modifications to the pump station building and structures, collection system and discharge outfalls. All modifications were designed in accordance with the recommendations of the comprehensive feasibility study.

The project was advertised in the Sunnyvale Sun on April 22, 2016, distributed to sixteen Bay Area Builder's Exchanges, and published on the City's website. Twelve contractors requested bid documents. Sealed bids were opened on May 18, 2016, with four bids being received. The lowest responsive and responsible bid was received from JMB Construction Inc. The bid amount of \$3,342,000 is \$642,000 more than the engineer's estimate of \$2,700,000. The difference is largely due to subcontracted electrical costs for the motor controls and main switchgear. Electrical sub work is in high demand in the current economic climate and bids for this type of work are regularly coming in higher than anticipated.

FISCAL IMPACT

Budgeted funds are available in Capital Project 822762, Storm Pump Station Number 2 Rehabilitation.

Funding Source

This project is funded by the Wastewater Management Fund.

PUBLIC CONTACT

Public contact was made by posting the Council agenda on the City's official-notice bulletin board outside City Hall, at the Sunnyvale Senior Center, Community Center and Department of Public Safety; and by making the agenda and report available at the Sunnyvale Public Library, the Office of the City Clerk and on the City's website.

RECOMMENDATION

1) Award a construction contract, in substantially the same form as Attachment 2 to the report and in the amount of \$3,342,000 to JMB Construction Inc.; and 2) Approve a 10% construction contingency in the amount of \$334,200.

Prepared by: Pete Gonda, Purchasing Officer

Reviewed by: Timothy J. Kirby, Director of Finance

Reviewed by: John Stufflebean, Director of Environmental Services

Reviewed by: Manuel Pineda, Director of Public Works

Reviewed by: Walter C. Rossmann, Assistant City Manager

Approved by: Deanna J. Santana, City Manager

ATTACHMENTS

1. Bid Summary

2. Draft General Construction Contract