



CITY COUNCIL AGENDA REPORT

Meeting Date: September 5, 2019

From: Director of Public Works/City Engineer

Subject: Fire Station 81 Standby Generator Upgrade

Purpose To respond to the bid protest received on this project.

Recommendation

Reject all bids received July 11, 2019 for the Fire Station 81 Standby Generator Upgrade, Job No. 9101.

Background

The notice inviting bids for this project was approved by Council on June 6, 2019, and two bids were subsequently received.

Discussion

The second low bidder filed a protest regarding the apparent low bidder's lack of a specialty license. The City Attorney was unable to identify a legal requirement or case law to positively affirm or deny the protest; accordingly, staff is recommending that all bids be rejected. Assuming this action is approved, staff will review the licensing requirements with the design engineer and republish a notice inviting bids.

Fiscal Impact

None as a direct result of the recommended action.

Measure of Success

A new standby generator and main electrical system that is capable of serving all the electrical needs of Fire Station 81 for a 72-hour period.

Attachments

June 6, 2019 staff report

Randy Breault, Public Works Director

Clay Holstine, City Manager



CITY COUNCIL AGENDA REPORT

Meeting Date: June 6, 2019

From: Director of Public Works/City Engineer

Subject: Fire Station 81 Standby Generator Upgrade

Community Goal/Result

Safe Community

Purpose

To obtain Council's approval for requesting bids to replace/upgrade the standby generator and main electrical switchboard at Fire Station 81.

Recommendation

Approve the publication of the Notice Inviting Bids for the Fire Station 81 Standby Generator Upgrade, Job No. 9I01.

Background

The following three paragraphs are copied directly from the grant application:

The existing generator and transfer switch currently only carry a portion of the facility on a designated 100A emergency branch off of the main switchboard. The existing generator and switchboard are in poor condition and will both be replaced as part of this work.

The existing emergency back-up generator system will be upgraded to increase the load capacity to include the entire facility and increase back-up time to 72 hours. The work will include replacement and upsizing of the existing 20kW generator and 100A automatic transfer switch with a new 100kW generator and 400A transfer switch to carry the full load of the building at 120/208V, 3-Phase, 4-Wire service.

The existing 400A, 120/208V, 3-Phase, 4-Wire Main Service Switchboard will be replaced with a new 400A Main Switchboard and 400A, 3-Pole, service rated automatic transfer switch. The new transfer switch will carry the normal building load and automatically switch to and start the new emergency back-up generator within 10 seconds, upon loss of normal utility power.

The existing transfer switch, generator, and main service switchboard will be removed and all existing loads will be reconnected to the new service switchboard.

Discussion

The plans and specifications are complete and ready for bidding. Staff has obtained the necessary Authority to Construct a new emission source (the standby generator) from the Bay Area Air Quality Management District. An environmental checklist and a FEMA environmental historic preservation checklist were completed during the grant application. No mitigations were required for the replacement/modification of an existing facility; no further action is required relative to environmental compliance.

Fiscal Impact

Staff applied for a grant under the Federal Emergency Management Agency's Hazard Mitigation Grant Program, and were subsequently approved to receive \$98,750, with a city share of \$32,250 of the total estimated project cost of \$129,000. The city's match will transfer in to this project from Facility Fund 670, which had included \$48,727 identified in the 2016 Facility Assessment to replace the main switchboard and standby generator at the fire station.

Measure of Success

A new standby generator and main electrical system that is capable of serving all the electrical needs of Fire Station 81 for a 72-hour period.

Attachments

Job No. 9I01 Plans & Specifications



Randy Breault, Public Works Director

Clay Holstine, City Manager