

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: ERICH RAUBER, SUPERVISING ENGINEER
CAPITAL PROJECTS ENGINEERING
SUBJECT: REQUEST FOR ADDITIONAL CONTRACT CONTINGENCY –
FARMERS LANE WELL FACILITY REHABILITATION

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by the Transportation and Public Works Department and the Water Department that the Board of Public Utilities, by motion, approve additional contingency for Contractor to remove a newly installed air conditioning unit from Well House W-2, repair damages to the building that result from the removal, and install a new, more robust air conditioning unit to replace what was removed. The estimated cost of the work and additional 10% contingency is \$34,450.00.

EXECUTIVE SUMMARY

The Transportation and Public Works Department and the Water Department is requesting additional contingency to allow Pacific Infrastructure, to remove a newly installed undersized air conditioning unit from Well House W-2, repair damages to the building that will result from the removal, and install a new, more robust air conditioning unit.

BACKGROUND

On September 7, 2017, the Board of Public Utilities approved the Farmers Lane Well Facility Rehabilitation project. The project is intended to address production loss from the wells, water quality changes in the produced waters that have affected the treatment process effectiveness, process and control reliability, and facility safety/OSHA compliance issues. The work under this contract is essentially complete. A design oversight by the City's design consultant resulted in an undersized air conditioning unit being installed in Well House W-2. The oversight was discovered during system startup when interior temperatures within the building exceeded the upper operating range of certain equipment. The corrected engineering calculations indicated that a more robust air conditioning unit was required to maintain building interior temperatures within an acceptable range.

To address a design oversight discovered at system startup, staff recommends removing the newly installed air conditioning that is undersized and replacing it with a more robust air conditioning unit.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On September 7, 2017, the Board of Public Utilities, by motion, approved the project and awarded Construction Contract No. C01839 in the amount of \$1,158,000.00 to the lowest responsive bidder, Pacific Infrastructure, of Pleasanton, California, for Farmers Lane Well Facility Rehabilitation, approved a 20% contingency, and authorized a total contract amount of \$1,389,600.00.

ANALYSIS

The City and City's design consultant has agreed that the City's design consultant will pay for one-half of the requested additional contingency (\$15,659.00). The estimated cost for the work is approximately \$31,318.00 and, with a 10% contingency, the total request is for \$34,450.00. This will increase the total authorized contract amount to \$1,424,050.00 and construction will take approximately 4 weeks to complete.

FISCAL IMPACT

Because of the agreement between the City and City's design consultant, the financial impact is limited to one-half of the change order amount. The impact is further ameliorated by the fact that the additional expenditures are being put toward a costlier, but more robust air conditioning that will maximize the performance and reliability of the improvements performed under this contract.

ENVIRONMENTAL IMPACT

This project has been found in compliance with the California Environmental Quality Act (CEQA). Pursuant to CEQA Guideline Section 15301, it is categorically exempt in that the project involves repair and maintenance of equipment and systems within existing facilities with negligible or no expansion of the use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

N/A

ATTACHMENTS

- None

CONTACT

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