



WASHOE COUNTY

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STAFF REPORT

BOARD MEETING DATE: OCTOBER 8, 2019

DATE: September 16, 2019

TO: Board of County Commissioners

FROM: Brett Steinhardt, Project Manager, Community Services Department,
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THROUGH: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects
Community Services Department, 328-2043, desmith@washoecounty.us

SUBJECT: Recommendation to reject the single bid for the Mill St. Liquid
Distribution System Retro Project pursuant to NRS 338.1385(6)(d).
(Commission District 3.)

SUMMARY

The Community Services Department (CSD) Central Truckee Meadows Remediation District (CTMRD) program and Engineering and Capital Projects Division advertised for construction bids for the Mill Street Liquid Distribution System Retro Project. One sealed bid was received and opened on June 20, 2019. The engineers estimate was \$95,000 and the opened bid was \$310,837.

Mill St. liquid Distribution System Project	
Bidder	Amount
Farr Construction Corporation	\$310,837.00
Engineer's Estimate	\$95,000.00

The specific determination for this bid rejection per NRS Chapter 338.1385 (6) is:

(d) The public interest would be served by such a rejection.

As the single bid far exceeds the engineer's estimate staff recommends that the Board of County Commissioners reject pursuant to NRS 338.1385(6), which allows for rejection if the public interest would be served. Staff intends to make acceptable modifications to the project design to bring it within the project budget and then rebid the project.

Washoe County Strategic Objective supported by this item: Safe, secure and healthy communities.

AGENDA ITEM # _____

PREVIOUS ACTION

On May 21, 2019, the Board of County Commissioners (Board) approved the FY20 final budget.

BACKGROUND

The Mill Street Water Treatment Plant (WTP) includes a Packed Tower Aeration (PTA) Facility that is used to treat well water from the Mill Street and Corbett wells. The Mill Street well is located on the same property as the PTA facility which can be found at the southwest corner of Market Street and Harvard Way in Reno, Nevada. The Corbett well is located on Villanova Drive, just west of the Market Street and Villanova Drive intersection. Both supply streams are treated in a single PTA tower to remove PCE. This facility has been in operation since 1998. In 2015, an assessment report (phase 1 report) on the packed tower efficiency by CDM Smith indicated a decrease in performance. Additional testing showed the existing inlet pipes allow too high of an inlet water velocity and which overwhelms the internal distribution troughs. This results in uneven water distribution and air/water mixing (and PCE removal) in the PTA. In 2017, an operations evaluation (phase 2 report) confirmed and recommended installing a center influent pipe that penetrates the PTA and connects to the existing center manifold pipe. The combined (two (2) existing and one (1) new) exterior influent pipes would connect prior to penetrating the PTA and allow for reduced inlet velocity and equally distributed flow between the three influent pipes and the distribution manifold and troughs inside the PTA. This work requires relocation of the existing flow meter and replacement and relocation of existing control valves on the Mill Street well influent piping. In addition, motor control valves and flow meters on each influent pipe will be utilized to ensure uniform flow distribution between the three influent pipes and into the water distribution manifold inside the PTA. A structural evaluation of the PTA was conducted to determine the adequacy of existing pipe supports located on the side wall of the PTA to support this new influent pipe.

FISCAL IMPACT

No fiscal impact.

RECOMMENDATION

It is recommended that the Board of County Commissioners reject the single bid for the Mill St. Liquid Distribution System Retro Project pursuant to NRS 338.1385(6)(d).

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to reject the single bid for the Mill St. Liquid Distribution System Retro Project pursuant to NRS 338.1385(6)(d)."