

AGENDA STAFF REPORT

MEETING NAME: BOARD OF DIRECTORS REGULAR MEETING

MEETING DATE(S): SEPTEMBER 12 & SEPTEMBER 16, 2024

FROM: DANNY FRIEND, DIRECTOR OF OPERATIONS

FOR: ACTION X DIRECTION _____ INFORMATION _____



AUTHORIZATION FOR PURCHASE OF BOOSTER PUMP CONTROL VALVES FOR THE TERRACE BOOSTER STATION

STAFF RECOMMENDATION

Authorize the General Manager to approve the purchase of six Cla-Val booster pump control valves for the Terrace Booster Station from Core & Main for a not to exceed amount of \$86,819.86.

SUMMARY

The District uses booster pump control valves for the smooth start and stop of booster pump stations. During the last maintenance cycle Water Production Department staff determined that the valves at the Terrace Booster Station were significantly deteriorated and needed to be replaced. It is requested that each of the six booster pumps at the site be equipped with new booster pump control valves to ensure continued operation and protection of the system.

ANALYSIS

The replacement valves will ensure that each booster pump starts and stops smoothly, eliminating the risk of a water hammer or surge in the distribution system. Additionally, the new valves will prevent reverse flow from the upper zones (High Northridge and High Desert View zones) into the lower Terrace zone, thereby enhancing operational efficiency and system integrity. Failure to implement these upgrades will result in operational inefficiencies and potential system disruptions/failures. Three quotes were received and attached for your review, with Core & Main being the lowest price.

FINANCIAL DATA		
Cost Associated with this action:	\$86,820	
Current FY cost:	\$86,820	
Future FY cost:	\$0	
Is it covered in current year budget:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Budget adjustment needed:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If yes, year needed:	FY24/25	
All previous contracts including dates, amounts and board approvals are attached or have been made available.		
FUNDING SOURCES		
Source of funds:	201 - Water	
BID/Job#	11859	
Current BID/Job balance	\$122,617	
Balance remaining if approved:	\$25,797	

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

The total cost for the requested valves is \$86,819.86, including four 6" valves at \$11,823.95 each, two 8" valves at \$16,639.74 each, and sales tax of \$6,244.58. Installation will be carried out by MSWD staff. All material and installation costs have been included in the FY24/25 budget. This action is consistent with Strategic Plan Smart Goal 4.3 Maintain and renew assets while facilitating strategic Capital Improvements.

ATTACHMENTS

Equipment Price Quotes from: Core & Main, Ferguson Waterworks, and Western Water Works