

AGENDA STAFF REPORT

MEETING NAME: REGULAR BOARD MEETINGS

MEETING DATE(S): JULY 11 & 15, 2024

FROM: ERIC WECK, P.E., ENGINEERING MANAGER

FOR: ACTION X DIRECTION _____ INFORMATION _____



CONTRACT AMENDMENT NO. 1 WITH LAYNE CHRISTENSEN COMPANY AND CAPITAL PROJECT BUDGET AUGMENTATION FOR SITE WORK AND WELL FITTING FOR NEW WELL 42

STAFF RECOMMENDATION

Authorize the General Manager to execute Contract Amendment No. 1 with Layne Christensen Company for site work and well fitting for new Well 42 in the amount of \$234,000.00 from \$3,843,867.89 to \$4,077,867.89, augment the capital improvement budget for Job No. 11147 in the amount of \$234,000.00 from \$4,739,000.00 to \$4,973,000.00, and do all things necessary to complete the project.

SUMMARY

Construction of Well 42 was delayed on September 2021 due to modifications proposed to the pumping and electrical equipment. Following approval of modification and material procurement, MSWD initiated the steps to resume construction. As part of the process, the hydrogeologist and contractor recommended a video of the well and brush and bail of the well which revealed additional tasks necessary to bring Well 42 into service.

ANALYSIS

At the recommendation of the hydrogeologist, a video of the well casing was completed on April 1, 2024. The video showed biofilm and encrustation were present along wetted casing and screen intervals below the static groundwater level. While MSWD and the project team anticipated minor downhole rehabilitation (e.g., brush and bail), the video identified a more in-depth rehabilitation is required including brushing and bailing, chemical treatment, pressure-pulsing, swabbing, airlifting, surging, test pumping, and interim well disinfection.

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

The current project budget is \$4,739,000.00 to cover design and construction. The proposed increase in contingency will result in a capital improvement budget of \$4,963,000.00. The contract amendment will cover the costs for the downhole rehabilitation and maintain approximately \$100,000.00 (or 10% of the remaining construction cost) in construction contingency to complete the project. This action is consistent with Strategic Plan Goal 4.3, Maintain and renew assets while facilitating strategic Capital Improvements.

FINANCIAL DATA

Cost Associated with this action:	\$234,000.00	
Current FY cost:	\$1,795,313.08	
Future FY cost:	\$0	
Is it covered in current year budget:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Budget adjustment needed:	YES <input checked="" type="checkbox"/>	NO <input 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:	Fund 201-Water	
BID/Job#	11147	
Current BID/Job balance	\$1,795,313.08	
Balance remaining if approved:	\$2,029,313.08	

ATTACHMENTS

Original Contract, Contract Amendment No. 1, Proposal