



*Dedicated to
Satisfying our Community's
Water Needs*

MEMORANDUM

Action Item 10

TO: Board of Directors
FROM: Andrew D. Wiesner, P.E., District Engineer
DATE: September 13, 2023
SUBJECT: SCADA Control Room and Wet Lab Upgrade Project

RECOMMENDATION

Approve ~~an change order to increased contingency for~~ Hamel Contracting Inc.'s contract for construction of the SCADA Control Room and Wet Lab Upgrade Project for an amount not to exceed \$600,000, ~~and authorize staff to execute construction change orders in excess of the project's contingency, and authorize execution of the change order.~~

STRATEGIC PLAN

Goal #1: Provide an abundant, local, reliable and safe water supply.
Goal #2: Perpetually renew and improve our infrastructure.

PRIOR BOARD ACTION/DISCUSSION

At its March 12, 2020 meeting, the Board of Directors (Board) approved the Capital Improvement Program Renewal (CIPR) which includes the design and construction of the Supervisory Control and Data Acquisition (SCADA) Control Room and Wet Lab Upgrade Project, Mesa Water Reliability Facility (MWRf) parking improvements, and the development and implementation of the Education Center Program.

At its August 25, 2020 Committee meeting, the Board approved the SCADA Control Room and Wet Lab Upgrade Project design concept with changes to the air conditioning and reflective roof, and authorized staff to proceed with design development activities.

At its October 26, 2021 Committee meeting, the Board awarded a contract to Hamel Contracting, Inc. for \$4,053,008 and a 10% contingency of \$405,301 for a total contract amount not to exceed \$4,458,309 to provide construction for the SCADA Control Room and Wet Lab Upgrade Project, and authorized the General Manager to execute the contract.

At its January 11, 2023 meeting, the Board approved a change order to Hamel Contracting Inc.'s contract for construction of the SCADA Control Room and Wet Lab Upgrade Project for an amount not to exceed \$405,000 to execute construction change orders in excess of the project's 10% contingency, and authorized execution of the change order.

DISCUSSION

Mesa Water District (Mesa Water®) is currently constructing the SCADA Control Room and Wet Lab Upgrade Project. The project has remodeled the existing Community Room to relocate the Administration Building to this space. The existing offices, SCADA Control Room, and Water Quality Lab have been demolished and a new structural steel building has been constructed to create an Education Center for community members and school groups to learn about Mesa Water and water treatment. The construction project is scheduled to be completed in November 2023.

Throughout construction of the SCADA Control Room and Wet Lab Upgrade Project, staff have been working with Hamel Contracting Inc. to manage construction change orders. The construction change orders have been due to factors such as changes in conditions and owner requests. To date, \$807,000 of the project's \$810,000 contingency has been expended for construction change orders. The project's construction manager is tracking another \$350,000 in potential change orders for the construction project. The potential change orders would bring the total change order amount to \$1,142,000 or 29% of the original construction bid cost.

Staff recommends that the Board approve ~~an change order to increased contingency for~~ Hamel Contracting Inc.'s contract for construction of the SCADA Control Room and Wet Lab Upgrade Project for an amount not to exceed \$600,000, and authorize staff to execute construction change orders ~~in excess of the project's 20% contingency~~. This ~~approval change order~~ will increase the total construction project contingency to 35%.

FINANCIAL IMPACT

For the CIPR, \$5,331,000 is budgeted for the SCADA Control Room and Wet Lab Upgrade Project design and construction; \$5,650,305 has been spent to date.

	<u>Project Estimate Amounts</u>	<u>Project Cost Amounts</u>
Project Estimate	\$5,331,000	
Original Contracts		\$5,945,000
Change/Task Orders		\$ 810,000
Requested Funding		<u>\$ 600,000</u>
Revised Contracts		<u>\$7,355,000</u>
Actual Spent to Date		\$5,650,305
Revised Project Estimate	\$7,355,000	

ATTACHMENTS

None.