

Tab 2

Engineering Committee Report





Consider approval of fleet procurement

Background:

The FY2027 capital budget for fleet includes replacement of a track hoe, Telehandler fork lift, utility vehicle, generator, and two electric golf carts.

Metro Water standardizes its fleet with Bobcat equipment to improve maintenance efficiency and reduce shelf parts. Staff spoke with state-contract Bobcat dealers beginning in December 2025 to procure equipment.

Quotes were obtained under state contract and in compliance with state code. Based upon quotes, staff recommends purchasing the track hoe and Telehandler fork lift from Intermountain Bobcat.

Track hoe	\$159,735.50
Telehandler fork lift	<u>\$94,521.30</u>
Total:	<u>\$254,256.80</u>

Each of these pieces of equipment exceed the General Manager's approval limit. Staff seeks board authorization for a combined procurement from Intermountain Bobcat. The pricing for this equipment is somewhat fluid, as the vendor will not hold pricing. Any changes to the price of the track hoe or fork lift will be shared at the August board meeting.

Committee Activity:

The Engineering Committee discussed this item on August 4, 2026 and recommended approval by the full board.

Recommendation:

Approve purchase of a track hoe and Telehandler fork lift from Intermountain Bobcat for \$254,246.80.

Last Update: August 7, 2026



Consider approval of task order for Little Cottonwood Conduit Return Assessment and Design

Background:

On December 15, 2025, the Board of Trustees authorized a contract with Bowen Collins and Associates (together with Brown and Caldwell, collectively referred to here as BCA) to provide planning and design services for the Finished Water Strategic Conveyance Project (FWSCP). Furthermore, during the recent Cottonwoods Connection shutdown of the Salt Lake Aqueduct (SLA) to install a relocation segment of SLA, the Little Cottonwood Conduit Return (LCCR) and its pump station were operated at near capacity to meet downstream system finished water demands. The LCCR and its pump station were having difficulty performing at capacity. Additionally, the LCCR is leaking. The bottom line is the LCCR and its pump station are failing.

BCA submitted the FWSCP Basis of Design report on July 10, 2026 which included a preliminary evaluation to relocate the LCCR. A concept to reconfigure the SLA Finished Water Pump Station (FWPS) to discharge to the LCCR was identified as a promising solution to the failure of the LCCR and its pump station. This configuration is also advantageous for the LCWTP Rebuild.

The FY2027 budget includes \$1,000,000 in the FWSCP to address the LCCR and its pump station (design and construction). The estimate for the work was approximately \$800,000 for piping and the pump station, and the remainder for design.

Since preparing that estimate, the basis of design was received, which suggests a construction cost of approximately \$1,200,000. The increase is largely due to work related to constructing from and around the FWPS, as well as the need to install additional pumps to support the flow ranges necessary for the LCCR.

Staff negotiated a scope of work with BCA for design of the new LCCR and pump station for \$237,169. This cost includes a transient and surge analysis and construction documents, including drawings.

Committee Activity:

The Engineering Committee discussed this item on August 4, 2026 and recommended approval to the full board.

Recommendation:

Award of a task order to Bowen Collins & Associates for \$237,169 for the Little Cottonwood Conduit Return Pipeline and Pump Station Design.

Attachments:

- Little Cottonwood Conduit Return Pipeline and Pump Station Design Task Order

Last Update: August 7, 2026

Task Order

Finished Water Strategic Conveyance Plan Little Cottonwood Conduit Return Pipeline and Pump Station Design

This task order is issued by the Metropolitan Water District of Salt Lake & Sandy (Metro Water) pursuant to the Professional Services Agreement (Agreement) between Bowen Collins & Associates, Inc. (Engineer) dated December 16, 2025.

Services

See Attachment A.

Compensation

Compensation for the services described above is not to exceed \$237,169, as described on Attachment A.

Period of Services

The services under this task order shall commence on the execution date below and shall be complete by June 30, 2027.

Deliverables

See Attachment A.

Contact Information

Metro Water's primary contact for this Task Order is

Kelly Stevens
Senior Engineer
stevens@mwdsls.gov
801-942-9670

Acceptance Due Date

This task order must be accepted as soon as possible.

The parties executed this task order effective August ____, 2026.

METRO WATER:

Metropolitan Water District of
Salt Lake & Sandy

ENGINEER:

Bowen Collins & Associates, Inc.

By: _____
Annalee Munsey, General Manager

By: _____
Jason Luettinger, President/CEO

METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY
Finished Water Strategic Conveyance Plan
(Metro Water Project No. SA065)

Bowen Collins & Associates
DRAFT Scope of Services
Little Cottonwood Conduit Return Replacement
Amendment No. 1

DATE: July 20, 2026

PROJECT: Little Cottonwood Conduit Return Replacement

PROJECT MANAGER: Jason Luettinger, Bowen, Collins & Associates

PROJECT LOCATION: Little Cottonwood Water Treatment Plant,
Cottonwood Heights, Salt Lake County, Utah

BACKGROUND

The Little Cottonwood Conduit Return Replacement Project (LCCR-RP) is a final design effort by the Metropolitan Water District of Salt Lake & Sandy (Metro Water, MWDSLS, District) to evaluate and replace the existing Little Cottonwood Conduit Return Pump Station and discharge pipeline to improve service and reliability. The existing Little Cottonwood Conduit (LCC) conveys finished water from the Little Cottonwood Treatment Plant (LCWTP) to a connection with the Big Cottonwood Conduit (BCC) at Wasatch Boulevard and ultimately to the Terminal Reservoir at the mouth of Parley's Canyon and Salt Lake City Department of Public Utilities (SLCDPU). In 2024 the LCC pump station's main pumps and discharge pipeline exhibited signs of failure, including leaking joints and compromised electrical capabilities. Currently the system operates under monitored conditions. The project will provide final design for replacement of the LCCR system, this will be accomplished by modeling of the system, evaluating the use of the existing Finished Water pumps, design of the return pipeline relocation from the Lab Building to the FWPS (Finished Water Pump Station) and a new connection to the LCC.

Bowen Collins & Associates (BC&A) has completed a Basis of Design including 30% drawings and initial preliminary evaluation of the existing FW pumps as part of the Finished Water Strategic Conveyance Plan (Metro Water Project No. SA065). To advance this portion of the project to Final Design, an amendment to the original project includes several tasks that are outlined with additional detail in this scope of work document specific to the LCCR.

Tasks 701 thru 704 are anticipated to take place in 2026/2027 with construction following in 2027. Work includes cost negotiation support for Metro Water on contract modifications with Whitaker Construction to include this project under their existing contract. Engineering services during construction are anticipated to be contracted separately once Task 700 is complete.

SCOPE OF SERVICES

Phase 2 of the Finished Water Strategic Conveyance Plan included preliminary design of specific key facilities at the LCWTP, including the LCC pump station. Recommendations were evaluated by the District and the final design of the Little Cottonwood Conduit Return Replacement has been selected to progress to Final Design. This amendment is developed with the following scope of services for the tasks that will be performed to achieve the District's goals and objectives for the Little Cottonwood Conduit Return Relocation Project.

PHASE 2 – FINAL DESIGN SERVICES

Task 700 – Final Design Services for the LCCR Replacement

Objective: Progress Preliminary Design of the LCC Return Replacement to Final Design in 2026 and 2027, for anticipated construction in 2027. The anticipated facilities for Final Design include the Finished Water Pump Station, Little Cottonwood Conduit and facilities north of the 9 MG Finished Water Tank including yard piping and the LCCR Flow Metering Vault. The task will include all aspects of final design to include project coordination and maintaining effective communication between MWDSLS and the project team, management of schedule, budget, invoicing, and coordination with subconsultants. The collection of data, existing equipment evaluation and testing, modeling of the system (existing and proposed) and analysis. Work also includes design documents, opinion of probable construction costs (OPCC), and reviews.

Activities: Specific work to be completed under this task includes:

T701 Project Management, Contract Administration and Coordination

T701.1 Project management, contract administration, and coordination.

- o Manage project schedule and budget
- o Management of project team and subconsultants
- o Review and submit monthly project invoices
- o General coordination, communication, and scheduling updates
- o Monthly progress meetings

T701.2 Agency coordination meetings focusing on critical areas of the project.

- o Two 1-hour coordination meeting with SLCDPU

Deliverables:

D701.1 Monthly project status and invoicing

D701.2 Coordination Meeting Minutes

T702 Information Collection and Review***T702 Data Collection for Civil Work, Electrical and Instrumentation.***

- o Anticipated 6 potholes to be collected on the existing LCC and other utilities within the relocated LCCR project area.
- o Incorporating existing utility data into design of the LCCR replacement pipeline.
- o Existing survey and topo provided by the current Meridian basefile is anticipated to contain the majority of information to be utilized as the basefile for all utility measure-downs, no additional topo survey anticipated. An allowance for 4 hours of data collection is included for Meridian Engineering for additional survey within the LCCR project area for additional data collection during design.
- o Management of subcontractors included in T701
- o Onsite evaluation and review of existing record drawings and information by BC&A professionals to determine capabilities of existing electrical and instrumentation equipment and coordination with Metro Water operations staff.
- o BC&A staff will attend coordination meetings with the District's pump evaluation consultant, Kimley Horn. Anticipated meetings include one virtual kickoff meeting and one one-site meeting during the pump operational testing (up to four hours for this visit).

Deliverables:

D702 All gathered data will be incorporated into the Final Design documents.

T703 Transient and Surge Analysis***T703 Hydraulic and Transient (Surge) Analysis.*** Complete by Brown and Caldwell (BC).

Provide hydraulic and transient (surge) analysis to support confirmation of the 30% design and 90% design of the LCC Return Replacement. The effort will focus on confirming system performance under anticipated operating conditions, evaluating pump and control strategies and identifying the transient pressure impact as well as potential surge mitigation strategies. Modeling and analyses will be performed at the aforementioned design milestones to support design decision-making, refine operating recommendations, and confirm final design assumptions as additional pump testing and design information become available. This task will be completed by Brown and Caldwell.

- o Task management and coordination include attendance at 4 biweekly internal team meetings for one attendee only.
- o Conduct preliminary hydraulic and transient analysis modeling the finished water SLA pumps being converted to the LCC pumps to verify maximum capacity and system curves

of the LCC return relocation. This preliminary assessment will use the existing manufacturers pump curves and butterfly inherent flow characteristic curves provided at time of installation as well as the preferred 30 percent design concept completed by BC&A under Task 600. LCC alignment and system characteristics will be provided via activities conducted under Task 300. Modulating valve information, existing pump curves, existing soft start operations, 9 MG tank elevations and any modifications to the pumps since installation will be provided to BC from BCA and Metro Water.

- O Preliminary efforts will culminate in a Draft Hydraulic and Transient Analysis Technical Memorandum (TM) providing an initial evaluation of the design approach given conservative, conceptual information at hand for: opening and closing throttling of the existing butterfly valves; worst-case transient impact; updated System Curve with operating points for both single and dual pump operation at various tank elevations (empty, full, typical low, typical high). The analysis will evaluate operational considerations or recommendations; provide recommendations on the duty point and safe maximum flow rates including pump ramp-up times; and identify any fatal flaws or operational recommendations, including identification of information gaps, to be incorporated or mitigated through design subtasks completed by BC&A.
 - Should the assessment identify throttling of the butterfly valve to be ill-advised, an assessment of options will be conducted including use of other types of control valves, a new Variable Frequency Drive (VFD), and, potentially, passive measure for transient pressure mitigation.
- O Conduct final hydraulic and transient analysis of the LCC pumps to verify pump curve and system curve of the LCC return relocation according to best information available at the 90% (or other) final design phase. This will be a refinement of the preliminary hydraulic and transient analysis with the following revisions: incorporate modifications to the pump curves following manufacturer testing of existing pumps; modifications to the butterfly valve assuming complete replacement; and pertinent layout changes based on the 90 percent design drawings, incorporating recommendations from the preliminary conceptual analysis provided by BC&A.
- O Final modeling efforts will culminate in a Final Hydraulic and Transient Analysis TM providing; recommended refurbishment approach to existing pumps (i.e. new impeller and size, etc.) and surge pressure mitigation strategy.
- O Conduct one, post-final transient hydraulic run incorporating any revisions made to the existing pumps subsequent to the Final Hydraulic and Transient TM, produce a final system curve.
- O Coordination between consultant and SLCDPU and Metro Water are not included in this task.
- O This task assumes only one alignment will be chosen for the relocation for inclusion in the hydraulic and surge assessment.

- o Pending an assessment of the condition of the existing conveyance system, conservative assumptions will be made about the minimum and maximum allowable surge pressures at this portion of the system.
- o The downstream boundary of the hydraulic and transient model will be set at the location where flow transitions from fully-pressurized to free-surface.
- o It is assumed that all data provided by BC&A will be accurate and can be used to carry out the modeling tasks described in this scope. For the purposes of this hydraulic and transient analysis, such information will be assumed accurate unless contradictory evidence is noted. Accuracy of the analyses may be affected by the data quality. BC does not express or imply any warranty regarding the abovementioned information/data.
- o Field reconnaissance is not envisioned as necessary to execute BC's scope of work.
- o This task does not include calibration of the transient hydraulic model. Limited adjustments to the hydraulic model have been budgeted for the final analysis, assuming pump testing information will become available at the final design stage(s). However, if calibration cannot be achieved for all segments of the model within the budgeted estimate, possible reasons calibration cannot be achieved will be presented and recommendations will be developed to improve the agreement between measured data and model outputs.

Deliverables:

D703 Draft and Final Transient Analysis TM and Final System Curve

T704 Final Design for the LCCR Replacement

T704 Final Design for the LCCR Replacement. Provide 90% and 100% design submittals to the District for the Little Cottonwood Conduit Return Replacement project. As part of the design process, workshops will be held to review and discuss the milestone submittals and coordinate final design decisions. Final design will incorporate comments from the District from the Basis of Design document and workshop, transient and surge analysis as provided in T703, analysis of the existing pumps with coordination from the District for design. Facilities as part of design include modifications to the existing FW pump headers and valving, a new lower flow pump, a new LCCR Flow Meter Vault, LCCR Replacement pipeline, a new connection with the existing LCC, controls and extension of the new piping from the existing building structure. This task includes the following;

- o Submittal of drawing sets to include General, Civil, Corrosion Protection, Structural, Mechanical, Electrical and Instrumentation sheets, estimated to be 35 total sheets. Technical specifications for the project will use BC&A standards. Submittals will be made in pdf for 90% and 100% for drawings and the technical specifications. Table 1 provides the anticipated list of drawing sheets for the project.

Table 1: Anticipated Drawings for LCCR-RP

Sheet Nos.	Drawings	Description
1 to 6	G-01 to G-06	General Sheets, Hydraulic Profile & Design Criteria
7	PP-01	Plan and Profile of LCCR Replacement Pipeline
8 to 14	C, CP and GC	Site Civil, Cathodic Protection and General Civil Details
15 and 16	S, GS	Structural and Structural Details
17 to 27	M, GM	FWPS Mechanical Sheets, Flow Meter Vault, General Mechanical Details
28 to 35	E, GE	FWPS Electrical, P&ID, One-Line Diagrams, General Electrical Details

- o Basis of Design review will provide one alternative for Final Design efforts from the FWPS to the connection with the Little Cottonwood Conduit and will include structural efforts only for the preferred option. It is also assumed that a precast structure will be used for the flow meter vault.
- o Electrical evaluation for final design will be based on using the existing RVSS, conduit, cabling and pump motors for the existing pumps and the existing PLC to be used for additional I/O. Design does not include new motor starters or PLC upgrades with the exception of a new Jockey Pump to be incorporated into the Final Design.
- o Workshops will be held for each submittal and review comments incorporated. Workshops and Review Meetings are expected as follows:
 - Workshops to be led by BC&A to discuss progress of Final Design and coordinate with Metro Water input for the progress of the project. Estimated two, 2-hour workshops (90% & 100% Submittals).
 - Monthly meetings led by BC&A to review and coordinate final design between Metro Water and BC&A. Estimated at 6 monthly meetings at 1 hr each.
- o Senior review of the documents will be undertaken as design progresses and will follow the BC&A QA/QC procedures. An internal BC&A constructability review will be Included in this review. Construction sequencing and constructability review by BC&A
- o An estimate of Opinion of Probable Construction Costs will be provided with the 100% submittal.
- o Assistance to Metro Water incorporating the Final Design work into an existing contract as a change order or other type of directive to an existing Contractor is included with this design, based on how Metro Water envisions proceeding on this work.

Deliverables:

- D704 90% Design Drawings and Technical Specifications
100% Design Drawings, Technical Specifications and OPCC
Workshops agendas and meeting minutes

PHASE 3 – BIDDING AND ENGINEERING SERVICES DURING CONSTRUCTION

To be contracted separately following completion of Task 700.

Schedule

Work will begin following MWDSLS approval. The schedule will be coordinated with MWDSLS and may be adjusted to accommodate stakeholder review and collaboration. Target completion date: June 30, 2028.

Budget

Services will be provided on an hourly time and materials basis within a not-to-exceed contract amount as negotiated with MWDSLS.

Exclusions

The following items are not included in this scope but may be added separately if desired by MWDSLS:

- o Geotechnical engineering services are not anticipated or included for this phase of the project, but can be added to the project.
- o Evaluation and design of new pump control valves is not anticipated to be required in this scope, as the system will likely function as originally designed with the existing equipment. Engineering services related to new pump control valves can be included separately if determined to be required following advancement of final design.
- o It is assumed that the improvements are within the right-of-way, existing easements and on the District property and no new easement acquisitions are required.
- o Seismic analysis of the site is not being performed as part of this design.
- o Obtaining permits is not included in this scope of work, if permits are required by the Division of Drinking Water or other entities these will be identified during final design and can be included if assistance from BC&A is required for the permit(s).
- o Existing surfaces and features will be replaced to match the existing conditions. Scope does not anticipate design of advanced landscaping or trails.
- o Aerial imagery and base mapping layers are assumed to be adequate from the basefiles provided as part of the Strategic Conveyance Planning Project, provided by Meridian Engineering. Custom aerial imagery or additional base mapping data collection may be added to the project as necessary for final design phases of the project.
- o Construction support, services, management and observations are not included in this scope of work but are anticipated to be included separately following completion of design.

Metropolitan Water District of Salt Lake & Sandy

DRAFT



LITTLE COTTONWOOD CONDUIT
RETURN REPLACEMENT PROJECT
Engineering Fee Estimate 07-20-26

LITTLE COTTONWOOD CONDUIT RETURN REPLACEMENT PROJECT Engineering Fee Estimate 07-20-26		Bowen Collins & Associates Staff																	Subtotal Hours	Subtotal Labor	Subtotal Expenses					TOTAL COST
	Labor Category	Admin 2	Office/ Acct'ing	Clerical 2	CAD5 Design	CAD7 CAD Mgr	E1 Staff Eng	E3 Project Eng	E4 Corr Eng	E5 Project Eng	CM7 Const Mgr	E7 Sr. Pipeline Eng	EE2 Elec Eng	EE8 Sr. Elec Eng QC	SE4 Structural	SE8 Sr. Structural QC	E10 Principal Eng	E11 PM/PIC				Mileage	Survey	Hydraulic Modeling and Planning	Potholes	
	Staff	Baker	Skousen	Johnson	Riggs	Anderson	Bishop	Fica	Egbert	Minck	Mecham	Nelson	Wasden	Cavanaugh	Smoot	Cohen	Clark	Luettinger					Meridian	B&C	KCI	
	Labor Rate 2026	\$92	\$140	\$92	\$154	\$184	\$144	\$167	\$178	\$188	\$206	\$225	\$160	\$232	\$183	\$232	\$251	\$263				\$0.75	10%	10%	10%	
Task No.	Task Description																									
	PHASE 2 - FINAL DESIGN SERVICES																									
700	Final Design Services																									
701	Project Management, Contract Administration and Coordination																									
701.1	Project Management, Contract Administration, and Coordination		6					12		30		30	12	6	6			5	107	\$ 20,959	\$ -					\$ 20,959
701.2	Coordination with SLCDPU							6		4		4							14	\$ 2,654	\$ 79	\$79	\$0	\$0	\$0	\$ 2,733
	Task 701 Subtotal	0	6	0	0	0	0	18	0	34	0	34	12	6	6	0	0	5	121	\$ 23,613	\$ 79	\$79	\$0	\$0	\$0	\$ 23,692
702	Information Collection and Review																									
702	Data Collection - Site and Field				2	8		8		10		4	8	2					42	\$ 7,640	\$ 9,972	\$72	\$1,650		\$8,250	\$ 17,612
	Task 702 Subtotal	0	0	0	2	8	0	8	0	10	0	4	8	2	0	0	0	0	42	\$ 7,640	\$ 9,972	\$72	\$1,650	\$0	\$8,250	\$ 17,612
703	Transient and Surge Analysis																									
703	B&C Modeling of LCCR Replacement System																		0	\$ -	\$ 49,745			\$49,745		\$ 49,745
	Task 703 Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ 49,745	\$0	\$0	\$49,745	\$0	\$ 49,745
704	Final Design																									
704	Drawings, Specifications, OPCC, Sequencing, Scheduling Documents (90% & 100%)	2		6	180	100	40	140	16	100		45	32	8		12	16	8	705	\$ 123,649	\$ 360	\$360				\$ 124,009
704	Senior Review and QA/QC								4		8			4	4		16	8	44	\$ 10,140	\$ -					\$ 10,140
704	Review Workshops and Meetings							6		12		12	4	4				6	44	\$ 9,104	\$ 540	\$540				\$ 9,644
704	Change Order and Contractor Coordination									4	2	4						1	11	\$ 2,327	\$ -					\$ 2,327
	Task 704 Subtotal	2	0	6	180	100	40	146	20	116	10	61	36	16	4	12	32	23	804	\$ 145,220	\$ 900	\$900	\$0	\$0	\$0	\$ 146,120
	PHASE 2 TOTAL	2	6	6	182	108	40	172	20	160	10	99	56	24	10	12	32	28	967	\$ 176,473	\$ 60,696	\$ 1,051	\$ 1,650	\$ 49,745	\$ 8,250	\$ 237,169
	PHASE 3 - ENGINEERING SERVICES DURING CONSTRUCTION																									
	Not Included in Fee - To Be Contracted Separately																		0	\$ -	\$ -					\$ -
																			0	\$ -	\$ -					\$ -
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$0	\$0	\$0	\$0	\$ -
	PHASE 3 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$0	\$0	\$0	\$0	\$ -
	Total Hours	2	6	6	182	108	40	172	20	160	10	99	56	24	10	12	32	28	967							
	Total Cost																		\$ 176,473	\$ 60,696	\$ 1,051	\$ 1,650	\$ 49,745	\$ 8,250	\$ 237,169	

Expenses include:
Mileage reimbursement at \$0.75/mile
10% markup on project related expenses and outside services



Consider approval of task order for Cottonwoods Connection public engagement

Background:

On February 26, 2024, the Board of Trustees authorized a five-year contract with Kimley-Horn to provide community relations and public participation services. The public involvement budget for Cottonwoods Connection is \$500,000, which is split \$308,875 to Metro Water and the balance to Salt Lake City. To date, the following task orders have been issued:

FY2024/25	\$112,360
FY2026	\$111,500

Deliverables under these task orders include:

- Bi-weekly project email updates.
- Website content updates and maintenance.
- Stakeholder correspondence and outreach materials.
- Meeting agendas, summaries, and action item documentation, as requested.
- Public and stakeholder response support materials.
- Project fact sheets, construction notices, and informational handouts.
- Presentation materials and supporting graphics.
- Property acquisition and right-of-way documentation, exhibits, and coordination materials.
- Project hotline and email account maintenance.
- Monthly progress reporting and invoicing documentation.

Kimley-Horn submitted a scope of work for a task order for the continuation of these efforts through fiscal year 2027 at a cost of \$102,500. The cost will be split \$63,319.44 to Metro Water and \$39,180.56 to Salt Lake City.

Committee Activity:

The Engineering Committee discussed this task order on August 4, 2026 and recommended approval to the full board.

Recommendation:

Approve this task order for \$102,500 to Kimley-Horn for the continuation of public engagement services for the Cottonwoods Connection project.

Attachments:

- Community Relations and Public Participation Services Task Order

Last Update: August 7, 2026

Task Order

Community Relations and Public Participation Services

This task order is issued by the Metropolitan Water District of Salt Lake & Sandy (Metro Water) pursuant to the Professional Services Agreement (Agreement) between Metro Water and Kimley-Horn and Associates, Inc. (Consultant) dated February 29, 2024.

Services

See Attachment A.

Compensation

Compensation for the services described above is based on the hourly rates and expenses shown on Attachment A and shall not exceed \$102,500.

Period of Services

The services under this task order shall commence on the execution date below and shall be complete by June 30, 2027.

Deliverables

See Attachment A.

Contact Information

Metro Water's primary contact for this Task Order is

Kelly Stevens
Senior Engineer
stevens@mwdsls.gov
801-942-9670

Acceptance Due Date

This task order must be accepted as soon as possible.

The parties executed this task order effective August ____, 2026.

METRO WATER:

Metropolitan Water District of
Salt Lake & Sandy

CONSULTANT:

Kimley-Horn and Associates, Inc.

By: _____
Annalee Munsey, General Manager

By: _____
Zach Johnson, Vice President

INDIVIDUAL TASK WORK ORDER

Describing a specific agreement between Kimley-Horn and Associates, Inc. (the Consultant), and Metropolitan Water District of Salt Lake & Sandy (the Client) in accordance with the terms of the Professional Services Agreement dated February 29, 2024, which is incorporated herein by reference.

Identification of Project

Project Name: Salt Lake Aqueduct Resiliency – Cottonwoods Connection (SLAR-CC) FY27

KH Project Manager: Jordan King

Project Number: 196951001

Schedule

July 1, 2026 through June 30, 2027

Specific Scope of Services

1.0 Project Management and Administration

Kimley-Horn will provide overall project management and administration services including:

- Project accounting and invoicing.
- Internal project coordination.
- Schedule management.
- Coordination with Metro Water project management staff as needed.
- Participation in project-related meetings as requested.

2.0 Public Engagement and Communications Support

Kimley-Horn will continue to provide public engagement and communications support for the Cottonwoods Connection project throughout FY27.

Services will include:

- Preparation and distribution of bi-weekly project email updates.
- Website maintenance and content updates concurrent with project email updates.
- Maintenance of the project hotline and project email account.
- Coordination with Metro Water staff regarding public inquiries and project communications.
- Development and refinement of project messaging and communication materials as needed.
- Coordination with construction public involvement teams as requested.
- Participation in project coordination, design, construction, and public involvement meetings as requested by Metro Water.

- Response support for stakeholder concerns and escalated public inquiries.

Assumptions:

- Bi-weekly project updates will continue throughout the duration of the task order.
- Project coordination and construction meetings will occur on an as-needed basis.
- Hotline and project email maintenance will continue throughout FY27.

3.0 Stakeholder Coordination and Outreach

Kimley-Horn will provide ongoing stakeholder coordination support throughout the project.

Services may include:

- Coordination with adjacent property owners, businesses, local governments, utility partners, and other affected stakeholders.
- Preparation for and participation in stakeholder meetings as needed
- One-on-one stakeholder outreach and follow-up communications.
- Documentation of stakeholder concerns and coordination items.
- Support for issue resolution and escalated stakeholder discussions.

Assumption:

- Ongoing stakeholder coordination support throughout FY27, averaging approximately two hours per week.

4.0 Right-of-Way Acquisition Support

Kimley-Horn's right-of-way team will provide ongoing support for property acquisition, easement negotiations, title review, due diligence activities, transaction coordination, and related right-of-way services associated with the project.

4.1 Property Research and Due Diligence

- Property ownership verification.
- Easement and title research.
- Review of recorded documents and survey information.
- Identification of encumbrances or title issues.

4.2 Contract and Agreement Support

- Review and preparation of acquisition documents.
- Coordination with property owners.
- Negotiation support.

- Preparation of exhibits and supporting documentation.

4.3 Valuation and Transaction Coordination

- Coordination with valuation professionals and title companies.
- Review of lienholder requirements.
- Support for transaction processing and documentation.

4.4 Conveyance and Recording Support

- Coordination of acquisition closings.
- Recording and documentation support.
- Tracking and documentation of completed transactions.

Assumption:

- Approximately 100 hours of right-of-way support services during FY27.

5.0 Graphic Design and Communications Materials

Kimley-Horn will provide limited graphic design and communication material development support including:

- Construction notification updates.
- Stakeholder communication materials.
- Project fact sheets.
- Website graphics.
- Presentation materials as requested.

Deliverables

Deliverables under this task order may include, but are not limited to:

- Bi-weekly project email updates.
- Website content updates and maintenance.
- Stakeholder correspondence and outreach materials.
- Meeting agendas, summaries, and action item documentation, as requested.
- Public and stakeholder response support materials.
- Project fact sheets, construction notices, and informational handouts.
- Presentation materials and supporting graphics.
- Property acquisition and right-of-way documentation, exhibits, and coordination materials.
- Project hotline and email account maintenance.
- Monthly progress reporting and invoicing documentation.

The specific format, frequency, and content of deliverables will be coordinated with Metro Water and may be modified as project needs evolve throughout the duration of the task order.

Compensation

Compensation for the services described above is based on the hourly rates and expenses shown on below and shall not exceed \$102,500.

Task Hours

Task	Task Name	Hours
1	Project Management and Administration	20
2	Public Engagement and Communications Support	250
3	Stakeholder Coordination and Outreach	105
4	Right-of-Way Acquisition Support	100
5	Graphic Design and Communications Materials	25
	Total Hours	500

Hourly Labor Rate Schedule*

Classification	Rate
Analyst	\$155 - \$210
Professional	\$205 - \$285
Senior Professional I	\$260 - \$355
Senior Professional II	\$345 - \$375
Senior Technical Support	\$195 - \$275
Support Staff	\$120 - \$160
Technical Support	\$135 - \$205

**Effective through June 30, 2027, Subject to adjustment thereafter, Sub-Consultants and Direct Expenses will be billed per the Contract*



Change Order No. C19 for Cottonwoods Connection Project

Background:

Construction for the SLAR portion of the Cottonwoods Connection project was awarded to Whitaker Construction on February 26, 2024.

Change Order No. C19 includes Work Change Directives C41 and C42. This change order is split 100% to Salt Lake City (SLCDPU) and 0% to Metro Water, and represents a net increase of \$23,017.56.

WCD C41: Modification to the location of removed water meters in Danish Road to accommodate SLCDPU preferences. The increase is \$19,445.43 to both budget and scope.

Root cause for change: The project design requires any removed meters be reinstalled in the same location. SLCDPU requested that the meters be relocated to a different location.

WCD C42: Increase to the designed size of a Little Cottonwood Conduit manway. The increase is \$3,572.13 to both budget and scope.

Root cause for change: SLCDPU requested that the manway size be increased from 6'x6' to 8'x8'.

	Original Project Construction Budget	Project Construction Budget Amended to Change Order C18	Updated Project Construction Budget Including Change Order C19
Whitaker Contract	\$57,269,309.09	\$60,140,413.50	\$60,163,431.06
Metro Water Portion	\$43,445,682.76	\$44,938,708.26	\$44,938,708.26
Salt Lake City Portion	\$13,823,626.33	\$14,453,019.88	\$14,476,037.44
Cottonwood Heights City Portion	\$0.00	\$748,685.46	\$748,685.46

Committee Activity:

Change Order No. C19 was reported to the Engineering Committee on August 4, 2026.

Recommendation:

This is a reporting item only.

Attachments:

- Change Order No. C19

Last Update: August 7, 2026

CHANGE ORDEROrder No. C19Date: 06/22/2026Name of Project: Cottonwoods ConnectionDistrict Project Number: SA061CONTRACTOR: Whitaker ConstructionContract Date: April 4, 2024

The following changes are hereby made to the CONTRACT DOCUMENTS:

1. WCD C41 for Danish Road Water Meter Relocates in the amount of \$19,445.43
2. WCD C42 for LCC Access Manway Vault Size Increase in the amount of \$3,572.13

Total Change to CONTRACT PRICE: Increase \$ 23,017.56Original CONTRACT PRICE: \$ 57,269,309.09

Current CONTRACT PRICE adjusted by previous

CHANGE ORDER(S): \$ 60,211,746.37

The new CONTRACT PRICE including this

CHANGE ORDER is \$ 60,234,763.93

The CONTRACT TIME is unchanged.

The date for substantial completion of the WORK remains unchanged.

The CONTRACTOR agrees to furnish all labor and materials and perform all work as necessary to complete the change order items for the price named herein, which includes all supervision and miscellaneous costs. This change order constitutes full and mutual accord and satisfaction for all time and all costs related to this change. By acceptance of this change order the CONTRACTOR agrees that the change order represents an equitable adjustment to the Contract, and further agrees to waive all right to file a claim arising out of or as a result of this change. This document becomes part of the Contract Documents, and all provisions will apply hereto, upon approval by the OWNER.

Recommended: Maggie Shalvoy Digitally signed by Maggie Shalvoy
DN: C=US, E=MShalvoy@hazenandcawyer.com, O=Hazen and Sawyer,
OU=Hazen and Sawyer, CN=Maggie Shalvoy
Date: 2026.06.22 13:12:25-06'00' 6/22/2026
ENGINEER Date

Kelly Stevens C=US, E=stevens@mwdsls.gov, O=Metropolitan Water District of Salt
Lake & Sandy, OU=Engineering, CN=Kelly Stevens
Date: 2026.06.22 15:13:15-06'00' 22 Jun 2026
Metropolitan Water District of Salt Lake & Sandy Date

By signing below, the District's general manager certifies that the expenditure of this change order amount is properly authorized by the District's board of trustees consistent with the District's budget and financial management policies and the instructions of the board of trustees.

Final Approval:

Accepted:

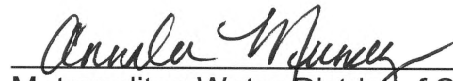
Dallen Christensen

Digitally signed by Dallen Christensen
DN: C=US, E=Dallenc@whitcon.com, O=Whitaker Construction,
OU=Sewer/Water, CN=Dallen Christensen
Date: 2026.07.08 11:29:34-06'00'

CONTRACTOR

Date

Approved:



Metropolitan Water District of Salt Lake & Sandy
General Manager

6/24/2026

Date

Attachments:

WCD C41 Danish Road Water Meter Relocates

WCD C42 LCC Access Manway Vault Size Increase

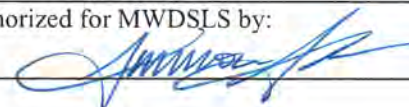
Notes:

None.

Work Change Directive No. 41

Date issued: 06/22/2026

Effective Date: 06/22/2026

Project: Cottonwoods Connection, Schedule C		Owner: MWDSLS	Owner's Contract No.: SA061		
Contract: General Construction			Date of Contract: April 4, 2024		
Contractor: Whitaker Construction			Engineer's Project No.: 70088-005		
Contractor is directed to proceed promptly with the following change(s):					
Salt Lake City Department of Public Utilities (SLCDPU) requested that Whitaker modify the final location of several SLCDPU water meters on Danish Road when reinstalling the meters after constructing the SLAR. Whitaker provided a proposed change order (PCO) on June 3, 2026, for \$19,445.43 Metro Water staff reviewed the PCO and approved the work on June 22, 2026. This WCD authorizes Whitaker to proceed with the work.					
Attachments (list documents supporting change):					
Whitaker cost proposal dated 6/3/2026 four (4) pages.					
Estimated change in Contract Price and Contract Times:					
Contract Price	\$19,445.43	increase	Contract Time	0	increase
				days	
Recommended for Approval by Engineer:				Date	
Maggie Shalvoy Digitally signed by Maggie Shalvoy DN: cn=US, o=Salt Lake City Department of Public Utilities, ou=Engineering and Survey, email=MShalvoy@slcdpu.com, c=US 2026.06.22 15:03:06-0700				6/22/2026	
Recommended for Approval by MWDSLS:				Date	
C=US, E=stevens@mwdsls.com, OU=Salt Lake City Water District of Salt Lake & Sandy, O=City of Salt Lake & Sandy, OU=Engineering and Survey, email=KStevens@mwdsls.com, c=US 2026.06.22 15:07:53-0600				22 Jun 2026	
Accepted for Contractor by:				Date	
Authorized for MWDSLS by:				Date	
				24 JUNE 2026	



WHITAKER CONSTRUCTION

[an employee owned company]

44 S 1050 W
Brigham City, UT 84302
Phone # (435) 723-2921
www.whitcon.com

To:	Metropolitan Water District Of Salt Lake & Sandy	Contact:	
Address:	3430 East Danish Road Sandy, UT 84093	Phone:	
Project Name:	(Budget) 1468 Cottonwoods Connection	Bid Number:	
Project Location:		Bid Date:	2/5/2024

Line #	Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
	5	Meter Costs Covered Under PCO RFI 89 (Credit)	1.00	LS	(\$3,875.35)	(\$3,875.35)
Schedule C- SLAR- SLA- LLC						
	1	Water Meter Relocation - 8485 Danish Rd 3/4" Water Meter Setter Replacement	1.00	EACH	\$4,052.12	\$4,052.12
	2	Water Meter Relocations - 8501 Danish Rd 3/4" Water Meter Setter Replacement	1.00	EACH	\$7,105.17	\$7,105.17
	3	Water Meter Relocations - 8515 Danish Rd 1" Water Meter Setter Replacement	1.00	EACH	\$7,699.58	\$7,699.58
	4	Water Meter Relocations - 8531 Danish Rd 1" Water Meter Setter Replacement	1.00	EACH	\$4,463.91	\$4,463.91

Total Bid Price: \$19,445.43

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

Whitaker Construction Company

Authorized Signature: _____

Estimator: Dallen Christensen
435-723-2921 dallen.christensen@whitcon.com

Hazen

Work Change Directive



Work Change Directive No. 42

Date issued: 06/22/2026

Effective Date: 06/22/2026

Project: Cottonwoods Connection, Schedule C	Owner: MWDSLS	Owner's Contract No.: SA061
Contract: General Construction	Date of Contract: April 4, 2024	
Contractor: Whitaker Construction	Engineer's Project No.: 70088-005	

Contractor is directed to proceed promptly with the following change(s):

Salt Lake City Department of Public Utilities (SLCDPU) requested that Whitaker modify the size of the LCC Access Manway Vault from 6'x6' to 8'x8'.

Whitaker provided a proposed change order (PCO) on April 29, 2026, for \$3,572.13

Metro Water staff reviewed the PCO and approved the work on June 22, 2026. This WCD authorizes Whitaker to proceed with the work.

Attachments (list documents supporting change):

Whitaker cost proposal dated 4/29/2026, two (2) pages.

Estimated change in Contract Price and Contract Times:

Contract Price	\$3,572.13	increase	Contract Time	0	increase
				days	

Recommended for Approval by Engineer: Maggie Shalvoy	Digitally signed by Maggie Shalvoy DN: C=US, E=MShalvoy@hazenandshelton.com, O=Hazen and Shelton, OU=Hazen and Shelton, CN=Maggie Shalvoy Date: 2026.06.22 13:09:12-06'00'	Date 6/22/2026
Recommended for Approval by MWDSLS:	C=US, E=stevens@metrowater.org, O=Metropolitan Water District of Salt Lake & Sand County, OU=Metropolitan Water District of Salt Lake & Sand County, CN=Kelly Stevens 2026.06.22 15:09:34-06'00'	Date 22 Jun 2026
Accepted for Contractor by:		Date
Authorized for MWDSLS by:		Date 24 JUNE 2026



44 S 1050 W
Brigham City, UT 84302
Phone # (435) 723-2921
www.whitcon.com

To:	Metropolitan Water District Of Salt Lake & Sandy	Contact:	
Address:	3430 East Danish Road Sandy, UT 84093	Phone:	
Project Name:	(Budget) 1468 Cottonwoods Connection	Bid Number:	
Project Location:		Bid Date:	2/5/2024

Line #	Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
	1	Credit- 8'x6' Vault	1.00	EACH	(\$15,727.42)	(\$15,727.42)
	2	Upsizing Vault From 8'X6' To 8'X8'	1.00	EACH	\$19,299.55	\$19,299.55

Total Bid Price: \$3,572.13

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

Whitaker Construction Company

Authorized Signature: _____

Estimator: Dallen Christensen

435-723-2921 dallen.christensen@whitcon.com



Change Order No. C20 for Cottonwoods Connection Project

Background:

Construction for the SLAR portion of the Cottonwoods Connection project was awarded to Whitaker Construction on February 26, 2024.

Change Order No. C20 includes Work Change Directives C43, C44, C45. This change order is split 110/145 (75.9%) to Salt Lake City (SLCDPU) and 35/145 (24.1%) to Metro Water, and represents a net increase of \$34,669.09.

WCD C43: The storm drain at Sta. 40+00 was discovered to be a 15-inch RCP versus the 12-inch RCP indicated on the contract drawings. Whitaker was instructed to match the existing storm drain size. This resulted in a modification to the storm drain manhole design (requiring a new base). The increase is \$9,131.43 to both budget and scope.

Root cause for change: Utility drawings indicated a different size than was found during construction.

WCD C44: Relocation of the existing underground power and associated utilities found in conflict with the SLAR manway vault at Sta. 71+00. The increase is \$57,962.66 to both budget and scope.

Root cause for change: Precise utility locations not known until construction potholing occurred.

WCD C45: A temporary construction easement from Sta. 54+95 to Sta. 61+00 needed to be extended both in time and scope to accommodate construction access. The added width and time were at an additional expense, which Metro Water paid. Whitaker is now reimbursing a portion of the expense. The decrease is (\$32,425.00) to both budget and scope.

Root cause for change: Construction means and methods resulted in the original TCE deadline not being sufficient and needing additional corridor width to meet the construction schedule.

	Original Project Construction Budget	Project Construction Budget Amended to Change Order C20	Updated Project Construction Budget Including Change Order C20
Whitaker Contract	\$57,269,309.09	\$60,163,431.06	\$60,198,100.15
Metro Water Portion	\$43,445,682.76	\$44,938,708.26	\$44,957,182.23
Salt Lake City Portion	\$13,823,626.33	\$14,476,037.44	\$14,492,232.56
Cottonwood Heights City Portion	\$0.00	\$748,685.46	\$748,685.46

Committee Activity:

Change Order No. C20 was reported to the Engineering Committee on August 4, 2026.

Recommendation:

This is a reporting item only.

Attachments:

- Change Order No. C20

Last Update: August 7, 2026

CHANGE ORDEROrder No. C20Date: 06/22/2026Name of Project: Cottonwoods ConnectionDistrict Project Number: SA061CONTRACTOR: Whitaker ConstructionContract Date: April 4, 2024

The following changes are hereby made to the CONTRACT DOCUMENTS:

1. WCD C43 for Station 40 SD Size Change in the amount of \$9,131.43
2. WCD C44 for Creek Road Power Relocation in the amount of \$57,962.66
3. WCD C45 for TCE Extension in the amount of -\$32,425.00 (credit)

Total Change to CONTRACT PRICE: Increase \$ 34,669.09Original CONTRACT PRICE: \$ 57,269,309.09

Current CONTRACT PRICE adjusted by previous

CHANGE ORDER(S): \$ 60,234,763.93

The new CONTRACT PRICE including this

CHANGE ORDER is \$ 60,269,433.02

The CONTRACT TIME is unchanged.

The date for substantial completion of the WORK remains unchanged.

The CONTRACTOR agrees to furnish all labor and materials and perform all work as necessary to complete the change order items for the price named herein, which includes all supervision and miscellaneous costs. This change order constitutes full and mutual accord and satisfaction for all time and all costs related to this change. By acceptance of this change order the CONTRACTOR agrees that the change order represents an equitable adjustment to the Contract, and further agrees to waive all right to file a claim arising out of or as a result of this change. This document becomes part of the Contract Documents, and all provisions will apply hereto, upon approval by the OWNER.

Recommended: Maggie Shalvoy Digitally signed by Maggie Shalvoy
DN: C=US, E=MShalvoy@hazenandsawyer.com, O=Hazen and
Sawyer, OU=Hazen and Sawyer, CN=Maggie Shalvoy
Date: 2026.06.22 13:09:53-06'00' 6/22/2026
ENGINEER Date

Kelly Stevens C=US, E=stevens@mwdsls.org, O=Metropolitan Water District of Salt
Lake & Sandy, OU=Metropolitan Water District of Salt Lake & Sandy, CN=Kelly Stevens
Date: 2026.06.22 15:15:09-06'00' 22 Jun 2026
Recommended: Metropolitan Water District of Salt Lake & Sandy Date

By signing below, the District's general manager certifies that the expenditure of this change order amount is properly authorized by the District's board of trustees consistent with the District's budget and financial management policies and the instructions of the board of trustees.

Final Approval:

Accepted:

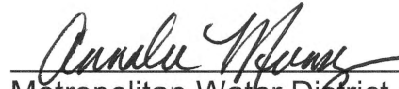
Dallen Christensen

Digitally signed by Dallen Christensen
DN: C=US, E=Dallenc@whitcon.com, O=Whitaker Construction,
OU=Sewer/Water, CN=Dallen Christensen
Date: 2026.07.08 11:33:10-06'00'

CONTRACTOR

Date

Approved:



Metropolitan Water District of Salt Lake & Sandy
General Manager

6/24/2026

Date

Attachments:

WCD C43 Station 40 SD Size Change
WCD C44 Creek Road Power Relocation
WCD C45 TCE Extension

Notes:

None.

Work Change Directive No. 43

Date issued: 06/22/2026

Effective Date: 06/22/2026

Project: Cottonwoods Connection, Schedule C		Owner: MWDSLS	Owner's Contract No.: SA061		
Contract: General Construction			Date of Contract: April 4, 2024		
Contractor: Whitaker Construction			Engineer's Project No.: 70088-005		
Contractor is directed to proceed promptly with the following change(s):					
Whitaker Construction discovered that the existing storm drain (SD) at Station 40+00 was a 15-inch reinforced concrete pipe (RCP), rather than the 12-inch RCP indicated in the contract drawings; Whitaker was instructed to match the existing larger SD size. In addition, a 1-foot discrepancy between design elevations and field-verified rim elevations required a new base for Storm Drain Manhole (SDMH) 2-1. Whitaker provided a proposed change order (PCO) on April 29, 2026, for \$9,131.43 Metro Water staff reviewed the PCO and approved the work on June 22, 2026. This WCD authorizes Whitaker to proceed with the work.					
Attachments (list documents supporting change):					
Whitaker cost proposal dated 4/29/2026, two (2) pages.					
Estimated change in Contract Price and Contract Times:					
Contract Price	\$9,131.43	increase	Contract Time	0	increase
				days	
Recommended for Approval by Engineer:			Date		
Maggie Shalvoy Digitally signed by Maggie Shalvoy DN: c=US, e=MShalvoy@hazenshalyoy.com, ou=Hazen and Shalvoy, ou=Hazen and Shalvoy, cn=Maggie Shalvoy Date: 2026.06.22 13:55:25-16'00'			6/22/2026		
Recommended for Approval by MWDSLS:			Date		
C=US, E=stevens@metrosl.com, O=Metropolitan Water District of Salt Lake & San Juan, OU=Engineering, CN=Kelly Stevens 2026.06.22 15:10:28-06'00'			22 Jun 2026		
Accepted for Contractor by:			Date		
Authorized for MWDSLS by:			Date		
			24 JUNE 2026		



44 S 1050 W
Brigham City, UT 84302
Phone # (435) 723-2921
www.whitcon.com

To:	Metropolitan Water District Of Salt Lake & Sandy	Contact:	
Address:	3430 East Danish Road	Phone:	
	Sandy, UT 84093	Fax:	
Project Name:	(Budget) 1468 Cottonwoods Connection	Bid Number:	
Project Location:		Bid Date:	2/5/2024

Line #	Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
	1	Widen Manhole Base Penetrations	1.00	LS	\$7,047.13	\$7,047.13
	2	12" RCP (Credit)	-32.00	LF	\$26.33	(\$842.56)
	3	15" RCP	32.00	LF	\$35.01	\$1,120.32
	4	60"x36" Manhole Base	1.00	EACH	\$1,599.74	\$1,599.74
	5	Restocking Fee For 12" RCP	1.00	LS	\$206.80	\$206.80

Total Bid Price: \$9,131.43

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

Whitaker Construction Company

Authorized Signature: _____

Estimator: Dallen Christensen
435-723-2921 dallen.christensen@whitcon.com

Work Change Directive No. 44

Date issued: 06/22/2026

Effective Date: 06/22/2026

Project: Cottonwoods Connection, Schedule C		Owner: MWDSLS	Owner's Contract No.: SA061		
Contract: General Construction			Date of Contract: April 4, 2024		
Contractor: Whitaker Construction			Engineer's Project No.: 70088-005		
Contractor is directed to proceed promptly with the following change(s):					
Whitaker Construction shall install conduit as required to relocate the existing underground power and associated utilities in conflict with the SLAR Access Manway Vault at Station 71+00, on Creek Road. Coordinate with Rocky Mountain Power (RMP) and install per RMP requirements. Restore all surfaces after installation. Whitaker provided a proposed change order (PCO) on May 21, 2026, for \$57,962.66 Metro Water staff reviewed the PCO and approved the work on June 22, 2026. This WCD authorizes Whitaker to proceed with the work.					
Attachments (list documents supporting change):					
Whitaker cost proposal dated 5/21/2026 four (4) pages.					
Estimated change in Contract Price and Contract Times:					
Contract Price	\$57,962.66	increase	Contract Time	0	increase
				days	
Recommended for Approval by Engineer: Maggie Shalvoy Digitally signed by Maggie Shalvoy DN: cn=US, email=MShalvoy@hazenandgray.com, o=Hazen and Gray, ou=Hazen and Gray, cn=Maggie Shalvoy Date: 2026.06.22 12:49:53-06'00'			Date 6/22/2026		
Recommended for Approval by MWDSLS: C=US, E=stevens@metrowater.org, O=Metropolitan Water District of Salt Lake & San Diego, OU=Stevens, CN=Kelly Stevens 2026.06.22 15:11:21-06'00'			Date 22 Jun 2026		
Accepted for Contractor by:			Date		
Authorized for MWDSLS by: <i>Annala Murray</i>			Date 6/24/2026		



44 S 1050 W
Brigham City, UT 84302
Phone # (435) 723-2921
www.whitcon.com

To:	Metropolitan Water District Of Salt Lake & Sandy	Contact:	
Address:	3430 East Danish Road Sandy, UT 84093	Phone:	
Project Name:	(Budget) 1468 Cottonwoods Connection	Bid Number:	
Project Location:		Bid Date:	2/5/2024

Line #	Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
	1	RMP 3" Power Bore	450.00	LF	\$90.81	\$40,864.50
	2	Vac Truck Around Existing Switch Gear Cabinet, Utility Potholing, Excavate Westernmost Connection Point	12.00	HR	\$330.00	\$3,960.00
	3	Restoration - Flatwork, Landscape, Curb	1.00	LS	\$13,138.16	\$13,138.16

Total Bid Price: \$57,962.66

Notes:

- Includes;
- Excludes;
- This proposal is valid for thirty days from the date of bid. This proposal will become a contract upon acceptance and shall be binding according to the terms and conditions herein stated.

All materials and workmanship are guaranteed as specified. Any alteration or deviation from the terms, stipulations or conditions herein specified involving extra costs will be executed only upon written change order and will become an extra charge over and above the original contract.

All agreements are contingent upon strikes, accidents, delays beyond our control, or acts of God.

Delays in completion caused by acts or omissions of the owner shall cause the amount owing up to the date of delay to be due immediately.

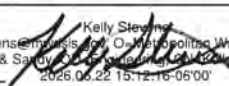
We reserve the right to make monthly billings throughout the duration of the project on a percentage of completion basis. Net payable 30 days from date of invoice.

ACCEPTED: The above prices, specifications and conditions are satisfactory and are hereby accepted. Buyer: _____ Signature: _____ Date of Acceptance: _____	CONFIRMED: Whitaker Construction Company Authorized Signature: _____ Estimator: Dallen Christensen 435-723-2921 dallen.christensen@whitcon.com
--	--

Work Change Directive No. 45

Date issued: 06/22/2026

Effective Date: 06/22/2026

Project: Cottonwoods Connection, Schedule C		Owner: MWDSLS	Owner's Contract No.: SA061		
Contract: General Construction			Date of Contract: April 4, 2024		
Contractor: Whitaker Construction			Engineer's Project No.: 70088-005		
Contractor is directed to proceed promptly with the following change(s):					
Whitaker Construction requested additional use of a temporary construction easement (TCE) from approximately SLAR Station 54+95 to Station 61+00. Metro Water will pay for the additional TCE on behalf of Whitaker. This is a deductive WCD for the TCE extension. This WCD authorizes Whitaker to proceed with use of the TCE for the agreed upon amount and time.					
Attachments (list documents supporting change):					
None.					
Estimated change in Contract Price and Contract Times:					
Contract Price	\$32,425.00	decrease	Contract Time	0	increase
				days	
Recommended for Approval by Engineer:				Date	
Maggie Shalvoy				6/22/2026	
Recommended for Approval by MWDSLS:				Date	
C=US, E=stevens@metrowater.org, O=Metropolitan Water District of Salt Lake & Sandy, CC=Engineering@metrowater.org, Kelly Stevens  2026.06.22 15:12:16-06'00'				22 Jun 2026	
Accepted for Contractor by:				Date	
Authorized for MWDSLS by:				Date	
				6/24/2026	

Salt Lake Aqueduct Replacement Reach 1 – Cottonwoods Conduits (SA061)

Metro Water Project Manager: Kelly Stevens
Design Engineer: Hazen and Sawyer
Contractor (Schedule A/B): COP Construction
Contractor (Schedule C): Whitaker Construction

Project Description

New pipeline to connect LCWTP and BCWTP and for Reach 1 of SLAR.

Status

Design Status: 100%
Construction Status (Schedule A/B): 100%
Construction Status (Schedule C): 70%

See the FY2027 report for an update for this ongoing project.

Finished Water Strategic Conveyance Project

Metro Water Project Manager: Kelly Stevens
Design Engineer: Bowen Collins & Associates, Brown & Caldwell
Contractor: TBD

Project Description

This project has three major objectives:

- Design to 30% the infrastructure assets to move the SLAR pipeline to Phase 3 (finished water) operations.
- Complete a comprehensive hydraulic model of all finished water conveyance assets north of LCWTP, including SLCDPU assets.
- Establish a strategic vision to optimize the delivery of finished water through operational configurations and capital investment.

Status

Design Status: 16%
Construction Status: 0%

See the FY2027 report for an update for this ongoing project.

Salt Lake Aqueduct Replacement Reaches 2 and 3 (SA063)

Metro Water Project Manager: Kelly Stevens
Design Engineer: Kimley-Horn

Project Description

An alignment study for the extension of the SLAR finished water aqueduct to the terminal reservoirs.

Status

Design Status: 100%

Project is complete.

Budget

Activity	Est. Budget	Encumbered	Total Spent	FY25 Spent	FY26 Spent
Design	\$500,000	\$500,000	\$500,000	\$-	\$500,000
Total	\$500,000	\$500,000	\$500,000	\$-	\$500,000
Annual Allocation				\$-	\$500,000

Change Orders

None.

Salt Lake Aqueduct Hardening (SA062)

Metro Water Project Manager: Kelly Stevens
Design Engineer: Bowen Collins & Associates, Brown & Caldwell

Project Description

Preliminary design for replacement and/or slip-line of the FW SLA for seismic stability.

Status

Design Status: 100%

Project is complete.

Budget

Activity	Est. Budget	Encumbered	Total	FY25-	FY26
Design	\$2,000,000	\$2,000,000	\$2,000,000	\$1,124,470	\$875,530
Total			\$2,000,000	\$1,124,470	\$875,530
Annual Allocation				\$2,000,000	\$1,000,000

Change Orders

None.

Little Cottonwood Water Treatment Plant Rebuild (LC070)

Metro Water Project Manager: Gardner Olson
Design Engineer: Stantec Consulting, Inc.
Contractor: TBD

Project Description

Rebuild core portions of the LCWTP for seismic and operational stability.

Status

Design Status: 10%

See the FY2027 report for an update for this ongoing project.

Raw Water Little Cottonwood Conduit Replacement (LC069)

Metro Water Project Manager: Erin Kuhlmeier
Design Engineer: Bowen Collins & Associates
Contractor: Garney

Project Description

Replace the raw water LCC and modify the lower intake structure.

Status

Design Status: 85%

See the FY2027 report for an update for this ongoing project.

Little Cottonwood Water Treatment Plant Administration Campus Improvements (LC071)

Metro Water Project Manager: Augusto Robles
Design Engineer: Hazen and Sawyer
Contractor: Whitaker Construction

Project Description

Prepare to receive fiber from SLAR-CC, including placement of a portable office building and power and fiber improvements to the existing server room.

Status

Design Status: 60%

Construction Status: 50%

See the FY2027 report for an update for this ongoing project.

Fleet Program Replacement

Metro Water Project Manager: Michael Carter

Project Description

Replace a fork lift.

Status

The forklift was received in early July.

Budget

Activity	Annual Allocation	Encumbered	Total Spent
Fork Lift	\$50,000	\$41,090	\$41,090
Total	\$50,000	\$41,090	\$41,090

Little Dell Dam Improvements

Metro Water Project Manager: Ammon Allen

Project Description

Improvements as identified by Salt Lake City Department of Public Utilities.

Status

Fiscal year 2026 expenses are complete.

Budget

Activity	Annual Allocation	Encumbered	Total Spent
Little Dell Dam Improvements	\$150,000	\$148,797.64	\$148,797.64
Total	\$150,000	\$148,797.64	\$148,797.64

Repair and Replace

Project Description

Routine repair and replace non-capacity capital investments.

Status and Budget

Activity	Annual Allocation¹	Project Manager	Total Encumbered	Total Spent	Update
LCWTP EQ Basin Improvements	\$150,000	Andy Reidling	\$109,643	\$108,227	The project is complete.
POMFWP RVSS	\$150,000	Alex Reidling	\$50,350	\$-	The RVSS was received.
Replace Fuel Monitoring and Dispensing System	\$150,000	Michael Carter	\$90,241	\$89,977	The new system is in service.
Replace Cationic Polymer and Thiosulfate System Pumps	\$125,000	Andy Reidling	\$17,355	\$6,412	The project is nearly complete; final connection will take place in FY2027.
Annual Network Server Replacement	\$70,000	Darin Klemin	\$197,082	\$197,082	Five servers were received.
Ultrasonic Flow Meter Replacement	\$60,000	Alex Reidling	\$56,799	\$56,799	The flow meters were received.
Portable Microbiology Testing System	\$50,000	Jeff Matheson	\$41,631	\$41,631	The equipment is functioning.
Replace Chemical Transfer Pumps	\$50,000	Andy Reidling	\$49,875	\$	Pumps are on order.
LCWTP Ozone Control Valve Replacement	\$16,000	Alex Reidling	\$12,701	\$12,701	The valve was received.
Miscellaneous	\$100,000				
Replace pipe gallery UPS		Alex Reidling	\$58,094	\$56,084	The UPS was received.
Total	\$921,000		\$626,852	\$568,913	

¹ The Repair and Replace budget is managed to the bottom line; individual project encumbrances may exceed annual allocations.

Capacity Improvement Projects

Managed Aquifer Recharge Pilot Testing and Phase 1 (LC063)

Metro Water Project Manager: Ammon Allen

Design Engineer: Hansen Allen and Luce

Contractor (Wells): Hydro Resources

Contractor (Basins): COP Construction

Project Description

Metro Water constructed two infiltration basins and an injection well at the LCWTP. These facilities will recharge an estimate 29 acre-feet of water into the aquifer per day. The water can then be extracted through any number of customer-owned wells down-gradient and within the same aquifer.

Status

The project is complete. Water was introduced on March 26, 2026.

Budget

Activity	Est. Budget	Encumbered	Total Spent	FY25-Spent	FY26 Spent
Implementation Plan	\$96,000	\$78,488	\$78,488	\$78,488	\$-
Design (incl. ESDC)	\$965,500	\$961,937	\$934,912	\$849,206	\$85,706
Construction (Wells)	\$3,858,163	\$3,352,991	\$3,352,991	\$3,352,991	\$-
Construction (Basins)	\$5,828,221	\$5,601,873	\$5,601,873	\$5,533,873	\$68,000
Other District Purchases ¹	\$94,500	\$43,030	\$31,369	\$11,029	\$20,340
Total	\$10,842,384	\$10,038,319	\$9,999,632	\$9,825,587	\$174,045
Annual Allocation					\$180,000

¹ Other District Purchases includes system integration, network equipment, and chemical testing.

Change Orders

Wells

Change	Submitted	Description	Total
1		Reduce monitoring well casing size	\$(11,225)
2		Add 50' to monitoring wells	\$25,515
3		Extend wells to 6' above grade	\$42,331
4		Monitoring well adjustments	\$36,920
5	13-Jul-23	ASR well casing adjustment	\$29,580
6	22-Nov-23	ASR well chemical treatment	\$(142,903)
7	1-Apr-24	Injection testing	\$1,625
8	23-Jul-24	Units adjustment	\$(303,293)
		Total	\$(321,450)
		Percent of Contract	-8.75%

Basins

Change	Submitted	Description	Total
1		Pipe alignment and bracing adjustments	\$(11,728)
2		ASR pump, motor, and transformer adjustments	\$62,914
		Total	\$51,186
		Percent of Contract	0.9%

Jordan Valley Water Conservancy District (JVWCD)

Jordan Aqueduct System and 150th South Pipeline – Capital Projects

Metro Water is responsible for 2/7ths of Jordan Aqueduct (JA) system improvements which include the JA, Jordan Valley Water Treatment Plant (JVWTP), and the JA Terminal Reservoir. Metro Water is responsible for one half of improvements associated with the 150th South pipeline. FY2026 projects include:

<i>Rehabilitation or Replacement of Existing Facilities</i>	<i>Budget</i>	<i>Spent</i>
• JVWTP Replace Filter Media	\$ 430,857	\$ 0
• Normal Small Capital Improvements	\$ 276,234	\$ 0
• JA Normal, Extraordinary Maintenance and Replacement	\$ 223,571	\$ 224,875
• JVWTP Normal, Extraordinary Maintenance and Replacement	\$ 389,957	\$ 351,705
• TR Normal Maintenance and Replacement	\$ 19,336	\$ 20,860
• 150 th South Pipe Normal Maintenance and Replacement	\$ 10,000	\$ 1,801
<i>New Non-Capacity Facilities (Compliance/Functional Upgrade)</i>	<i>Budget</i>	<i>Spent</i>
• Electrical Generators and Site Modifications Phase 2	\$ 31,802	\$ 44,148
• JVWTP Filter and Chemical Feed Upgrades	\$ 1,259,506	\$ 1,090,553
• JVWTP Floc/Sed 1-2 Seismic Upgrade	\$ 45,116	\$ 6,171
• New Equipment and Emergency Response Building	\$ 54,000	\$ 29,299
• Jordan Aqueduct Seismic Resiliency	\$ 61,430	\$ 5,329
<i>JVWTP Project Management Expenses</i>	<i>Budget</i>	<i>Spent</i>
• Management Expenses	\$ 50,000	inc. above
<i>Total FY2026:</i>	\$ 2,851,809	\$ 1,774,740

The following report is taken from JVWCD's June 2026 board packet and covers May 14 to June 11, 2026.

Whitaker Construction completed work on the Jordan Aqueduct Reach 1, including new joint bonds and interior butt straps. The project was \$412,019 (a 17% increase in change orders).

Nelson Brothers Construction finished installing conduit for sleeve valve positioning sensors for the Jordan Aqueduct Reach 2 Flow Control Structure Improvements project. Butterfly valves are expected in October. The valve and meter replacement will be performed in winter 2026 when the Jordan Aqueduct is taken offline.

The JVWTP Chemical Buildings is substantially complete. A final walkthrough and system commissioning were completed. The project is awaiting a Bacnet card for the building management system.

The JA-4 and AA-3 Cathodic System Upgrade project is substantially complete. A close interval survey will be processed, followed by a final commissioning report. The project was \$321,538 with no change orders.

JVWCD will solicit feedback on Jordan Aqueduct Seismic Resiliency Study from CUWCD, USBR, PRWUA, and Metro Water. JVWCD submitted a BRIC grant application for funding to quantify the geologic hazards along the Jordan Aqueduct alignment.

Work is on schedule for all three external buildings (carbon feed, chlorine feed, and caustic feed) for the JVWTP Filter and Chemical Feed Upgrades Project. Masonry work began on the caustic building. Filter work will begin January 2027, and a new backwash tank will be constructed in spring 2027.

A BRIC application was submitted for the JVWTP Sedimentation Basins 1-2 Seismic and Capacity Upgrades. JVWCD is hoping for \$20M in federal cost sharing.

Salt Lake Aqueduct Replacement Reach 1 – Cottonwoods Conduits (SA061)

Metro Water Project Manager: Kelly Stevens
Design Engineer: Hazen and Sawyer
Contractor (Schedule A/B): COP Construction
Contractor (Schedule C): Whitaker Construction

Project Description

New pipeline to connect LCWTP and BCWTP and for Reach 1 of SLAR.

Status

Design Status: 100%
Construction Status (Schedule A/B): 100%
Construction Status (Schedule C): 70%

Easement Acquisition: Occupancy is in place for all properties. Staff continues to complete permanent interest on three properties.

Construction: Schedule A (CC-1 pipeline) is substantially complete. Schedule C (SLAR pipeline) is progressing. Whitaker Construction is running multiple crews installing the SLAR south of Deer Creek Road toward Danish Road and through the Memorial Estates cemetery north of Bengal Boulevard.



SLAR installation coming south / downhill from Deer Creek Road toward Danish Road.



SLAR Construction in Memorial Estates cemetery.



Corridor restoration work at the south end of Nutree Drive.



Corridor restoration work along Danish Road.

FY2027 Capital Projects Report
July 1 – July 20, 2026

Budget

Right Of Way Acquisition (Metro Water, 1802B-10)

Activity	Est. Budget	Encumbered	Total Spent	FY26-Spent	FY27 Spent
ROW Acquisition	\$4,205,000	\$3,971,063	\$3,695,913	\$3,695,913	\$-
Total	\$4,205,000	\$3,971,063	\$3,695,913	\$3,695,913	\$-
Annual Allocation					\$429,973

Construction (Metro Water, 1802C-10)

Activity	Est. Budget	Encumbered	Total Spent	FY26-Spent	FY27 Spent
Design	\$2,280,114	\$2,280,114	\$2,280,114	\$2,280,114	\$-
Construction (A/B)	\$-	\$-	\$-	\$-	\$-
Construction (C)	\$43,413,192	\$45,156,502	\$31,099,490	\$31,099,490	\$-
ESDC	\$2,054,727	\$2,054,727	\$1,448,828	\$1,448,828	\$-
Public Involvement	\$308,875	\$181,842	\$138,466	\$138,466	\$-
Utility Relocation	\$744,711	\$666,979	\$440,018	\$440,018	\$-
Contingency ¹	\$4,341,319				
Total	\$53,142,938	\$50,188,702	\$35,406,916	\$35,406,916	\$-
Annual Allocation					\$20,109,533

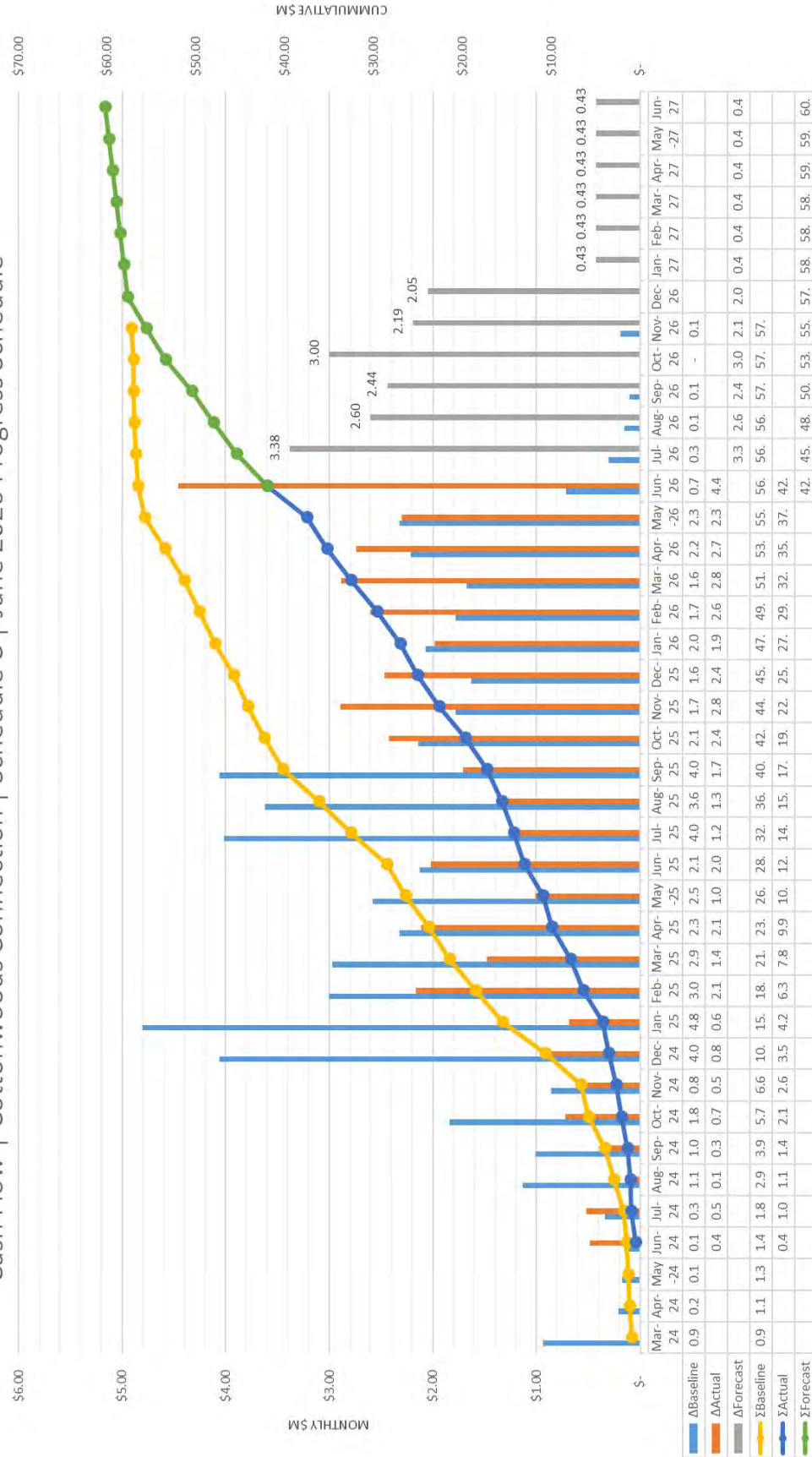
¹ Contingency is tracked with construction encumbrance.

Construction (Salt Lake City / Cottonwood Heights City, 5919-20)

Activity	Est. Budget	Encumbered	Total Spent	FY26-Spent	FY27 Spent
Design	\$1,277,736	\$1,277,736	\$1,277,736	\$1,277,736	\$-
Construction (A/B)	\$10,552,997	\$10,552,997	\$10,552,997	\$10,552,997	\$-
Construction (C)	\$16,057,295	\$15,244,648	\$10,292,734	\$10,292,734	\$-
ESDC	\$1,489,750	\$1,489,750	\$1,307,665	\$1,307,665	\$-
Public Involvement	\$191,125	\$155,584	\$85,679	\$85,679	\$-
Utility Relocation	\$755,289	\$755,886	\$658,342	\$658,342	\$-
Contingency ¹	\$2,661,029				
Total	\$32,985,221	\$29,416,028	\$24,175,152	\$24,175,152	\$-
Annual Allocation					\$7,000,000

¹ Contingency is tracked with construction encumbrance.

Cash Flow | Cottonwoods Connection | Schedule C | June 2026 Progress Schedule



FY2027 Capital Projects Report
July 1 – July 20, 2026

Change Orders

Schedule A/B (CC-1, CC-2)

Change	Submitted	Description	Encumbrance		
			Total	SLCDPU	Cottonwood Heights
CO-AB01	5-Sep-24		\$ (55,976)	\$ (55,976)	
WCD-AB01		Sewer relocation at 229+00	\$ (37,799)		
WCD-AB02		Remove fire hydrant at 244+65	\$ (18,177)		
CO-AB02	5-Sep-24		\$ 77,549	\$ 77,549	
WCD-AB03		Change pipe backfill to CLSM	\$ 77,549		
CO-AB03	4-Apr-24				
WCD-AB04		Warranty changes			
CO-AB04	16-Apr-25		\$ 251,115	\$ 251,115	
WCD-AB05		Cancel CC-1 across creek	\$ (142,718)		
WCD-AB06		Sewer relocation at 211+00	\$ 393,833		
CO-AB05	4-Apr-25		\$ 366,239		\$ 366,239
WCD-AB07		Additional repaving in Ft Union	\$ 366,239		
CO-AB06	3-Nov-25		\$ (3,143,512)	\$ (3,143,512)	
WCD-AB08		Cancel Schedule B (CC-2)	\$ (3,143,512)		
CO-AB07	3-Nov-25		\$ 17,274	\$ 17,274	
WCD-AB09		CARV modifications	\$ 17,274		
CO-AB08	10-Nov-25		\$ (19,214)	\$ (24,079)	\$ 4,865
WCD-AB10		Ft Union repaving overage	\$ 4,865		
WCD-AB11		Contingency recapture	\$ (24,079)		
WCD-AB12		Extend closeout milestones	\$ -		
CO-AB09	25-Feb-26				
WCD-AB13		Extend closeout milestones	\$ -		
		Total	\$ (2,506,526)	\$ (2,872,765)	\$ 371,104
		Percent of Contract	-19.19%	-22.03%	2.84%

Schedule C (SLAR)

Change	Submitted	Description	Encumbrance		
			Total	Metro Water	SLCDPU/ Cottonwood Heights
CO-C01	19-Feb-25				
WCD-C01		Pothole LCC	\$ 47,956	\$ -	\$ 47,956
WCD-C03		Additional LCC pothole	\$ 36,118	\$ -	\$ 36,118
CO-C02	6-Feb-25				
WCD-C02		LCC replace valve	\$ 148,951		\$ 148,951
CO-C03	18-Mar-25				
WCD-C04		Replace additional block wall	\$ 116,300	\$ 88,228	\$ 28,072
CO-C04	18-Mar-25				
WCD-C07		Time extension / delays	\$ 430,219	\$ 326,373	\$ 103,846
CO-C05	18-Mar-25				
WCD-C05		CARV modifications	\$ 25,000	\$ 18,965	\$ 6,034
WCD-C06		LCC potholing	\$ 2,336	\$ 1,772	\$ 564
CO-C06	17-Jul-25				
WCD-C14		Turnout vault modifications	\$ 196,050	\$ 148,727	\$ 47,322
CO-C07	28-Jul-25				\$ 34,930
WCD-C10		LCC access change	\$ 34,930	\$ -	\$ 34,930
CO-C08	28-Jul-25				
WCD-C08		Credit for coatings	\$ (61,554)	\$ (46,696)	\$ (14,858)
WCD-C09		Added sewer casings	\$ 19,542	\$ 14,825	\$ 4,747
WCD-C11		Lumen fiber relocation	\$ 20,377	\$ 15,458	\$ 4,919
WCD-C12		Lumen fiber standby	\$ 48,653	\$ 36,909	\$ 11,744
WCD-C13		Additional PI support	\$ 67,861	\$ 51,480	\$ 16,380

FY2027 Capital Projects Report
July 1 – July 20, 2026

WCD-C15		Storm drain replacement	\$ 19,027	\$ 14,434	\$ 4,593
CO-C09	24-Sep-25				
WCD-C16		SLAR CC-2 vault changes	\$ 3,595	\$ 2,727	\$ 868
WCD-C17		IO card upgrades	\$ 7,028	\$ 5,331	\$ 1,696
WCD-C18		Gate valve installation	\$ 16,544	\$ 12,551	\$ 3,993
WCD-C19		Power line relocation	\$ 40,722	\$ 30,893	\$ 9,830
WCD-C20		Danish Hills owner-restoration	\$ (42,829)	\$ (32,491)	\$ (10,338)
CO-C10	24-Sep-25				
WCD-C21		Turnout delays	\$ 303,733	\$ 230,418	\$ 73,315
CO-C11	29-Oct-25				
WCD-C22		Meter setters on Deer Creek	\$ 9,478	\$ 7,190	\$ 2,288
WCD-C23		Fiber optic vault changes	\$ 29,645	\$ 22,489	\$ 7,156
WCD-C24		Insurance clause update	\$ -	\$ -	\$ -
WCD-C25		Electrical scope change	\$ 61,135	\$ 46,378	\$ 14,757
WCD-C26		Sewer relocation at 26+81	\$ (37,800)	\$ (28,676)	\$ (9,124)
WCD-C27		Sewer relocation at 87+30	\$ (102,060)	\$ (77,425)	\$ (24,635)
CO-C12	29-Oct-25				
WCD-C28		Sewer relocation at 107+00	\$ 138,873	\$ 105,352	\$ 33,521
CO-C13	27-Jan-26				
WCD-C29	3-Nov-25	SLA shutdown extension	\$ -	\$ -	\$ -
WCD-C30	3-Nov-25	Credit for sales tax on pipe	\$ (84,749)	\$ (64,292)	\$ (20,457)
WCD-C31	12-Nov-25	Hydrostatic testing credit	\$ (105,595)	\$ (80,107)	\$ (25,488)
WCD-C32	26-Jan-26	Blow-off coordination	\$ (25,816)	\$ (19,584)	\$ (6,231)
CO-C14	23-Mar-26				
WCD-C36	23-Mar-26	Ft. Union Blvd. Repaving	\$ 748,685	\$ -	\$ 748,685
CO-C15					
Pending		Surface restoration update			
CO-C16	23-Feb-26				
WCD-C34	27-Jan-26	Concrete cradle on SLA	\$ 13,856	\$ 10,511	\$ 3,344
WCD-C35	18-Feb-26	Waterline relocation at 38+00	\$ 74,967	\$ 56,871	\$ 18,095
CO-C17		See LCWTP Administration Campus Improvements (not SLAR-CC budget)			
CO-C18	07-Apr-26				
WCD-C38	07-Apr-26	Fire Hydrant Valve at 38+00	\$ 2,677	\$ -	\$ 2,677
WCD-C39	07-Apr-26	McEntire 20-inch BFV	\$ 32,788	\$ -	\$ 32,788
WCD-C40	07-Apr-26	McEntire 16-inch Tee Removal	\$ 29,711	\$ -	\$ 29,711
CO-C19	22 Jun-26				
WCD-C41	22-Jun-26	Danish Road Meter Relocations	\$ 19,445	\$ -	\$ 19,445
WCD-C42	22-Jun-26	LCC Access Manway Increase	\$ 3,572	\$ -	\$ 3,572
CO-C20	22 Jun-26				
WCD-C43	22 Jun-26	Sta. 40+00 Storm Drain Size +	\$ 9,131	\$ 6,927	\$ 2,204
WCD-C44	22 Jun-26	Creek Road Power Relocation	\$ 57,963	\$ 43,972	\$ 13,991
WCD-C45	22 Jun-26	TCE Extension Credit	\$ (32,425)	\$ (32,425)	\$ -
		Total	\$ 2,324,041	\$ 917,088	\$ 1,406,954
		Percent of Contract	3.90%	2.07%	9.24%

Finished Water Strategic Conveyance Project

Metro Water Project Manager: Kelly Stevens
Design Engineer: Bowen Collins & Associates, Brown & Caldwell
Contractor: TBD

Project Description

This project has three major objectives:

- Design to 30% the infrastructure assets to move the SLAR pipeline to Phase 3 (finished water) operations.
- Complete a comprehensive hydraulic model of all finished water conveyance assets north of LCWTP, including SLCDPU assets.
- Establish a strategic vision to optimize the delivery of finished water through operational configurations and capital investment.

Status

Design Status: 16%
Construction Status: 0%

Workshop 3 will be held on August 18 with Metro Water, Salt Lake City, and Sandy City present. The workshop will present results of hydraulic evaluations and make recommendations of finished water conveyance capital needs. This effort allows Metro Water and its member cities to sync capital planning efforts.

Budget

Activity	Est. Budget ¹	Encumbered	Total Spent	FY26-Spent	FY27 Spent
Design	\$1,200,000	\$948,882	\$266,698	\$266,698	\$-
Construction	\$7,000,000	\$-	\$-	\$-	\$-
ESDC	\$280,000	\$-	\$-	\$-	\$-
Public Involvement	\$5,000	\$-	\$-	\$-	\$-
LCC Return Replacement	\$1,000,000	\$-	\$-	\$-	\$-
Contingency ²	\$1,000,000	\$-	\$-	\$-	\$-
Total	\$10,485,000	\$948,882	\$266,698	\$266,698	\$-
Annual Allocation ¹					\$1,875,259

¹ The finished water strategic plan was included with the Cottonwoods Connection prior to FY26.

² Contingency is tracked with construction encumbrance.

Change Orders

None.

Little Cottonwood Water Treatment Plant Administration Campus Improvements (LC071)

Metro Water Project Manager: Kelly Stevens
Design Engineer: Hazen and Sawyer
Contractor: Whitaker Construction

Project Description

Prepare to receive fiber from SLAR-CC, including placement of a portable office building and power and fiber improvements to the existing server room.

Status

Design Status: 75%
Construction Status: 50%

Electrical work was completed and the portable installed in FY2026. Staff expects to receive the 90% HVAC design drawings in July.

Budget

Activity	Est. Budget	Encumbered	Total Spent	FY26- Spent	FY27 Spent
Design	\$240,000	\$242,063	\$152,983	\$152,983	\$-
Construction	\$1,250,000	\$736,578	\$719,813	\$719,813	\$-
ESDC	\$10,000	\$-	\$-	\$-	\$-
Total	\$1,500,000		\$872,796	\$872,796	\$-
Annual Allocation					\$567,607

Change Orders

None.

Little Cottonwood Water Treatment Plant Rebuild (LC070)

Metro Water Project Manager: Gardner Olson
Design Engineer: Stantec Consulting, Inc.
Contractor: TBD

Project Description

Rebuild core portions of the LCWTP for seismic and operational stability.

Status

Design Status: 10%

With the Basis of Design Report complete, a scope of work and fee for preliminary design services (Phase 2) was approved by the board in June. Staff is developing an organization chart to take the project into construction, and procurement and contract documents to bring on a construction manager / general contractor in early 2027. Weekly workshops with the Design Engineer begin the week of July 27. A partnering session, project celebration, and logo reveal will take place on August 6.

Budget

Activity	Est. Budget	Encumbered	Total Spent	FY26-Spent	FY27 Spent
Design	\$36,150,000	\$10,976,381	\$1,542,912	\$1,542,912	\$-
Preconstruction Services	\$3,500,000	\$-	\$-	\$-	\$-
Construction	\$287,000,000	\$-	\$-	\$-	\$-
ESDC	\$11,140,000	\$-	\$-	\$-	\$-
Public Involvement	\$50,000	\$-	\$-	\$-	\$-
Contingency ¹	\$13,925,000				
Total	\$351,765,000	\$10,976,381	\$1,542,912	\$1,542,912	\$-
Annual Allocation					\$11,000,000

¹ Contingency is tracked with construction encumbrance.

Change Orders

None.

Raw Water Little Cottonwood Conduit Resiliency Project (LC069)

Metro Water Project Manager: Erin Kuhlmeier
Design Engineer: Bowen Collins & Associates
Contractor: Garney

Project Description

Replace the raw water LCC and modify the lower intake structure.

Status

Design Status: 85%

The project team is continuing to develop the RWLCC design by holding workshops to discuss and finalize specific design decisions, including value engineering proposals. The 60% cost model workshop was held June 3. The 90% design workshop was held July 22 and the 90% cost model workshop is scheduled for August 13. The public involvement team has initiated meetings and discussions with project stakeholders to discuss project extents and easement requirements. An appraisal has been ordered to begin determining fair and just compensation for easement parcels. Staff submitted a FEMA BRIC grant application for construction funding.

Budget

ROW Acquisition

Activity	Est. Budget	Encumbered	Total Spent	FY26- Spent	FY27 Spent
ROW Acquisition	\$400,000	\$29,000	\$9,400	\$9,400	\$-
Total	\$400,000	\$29,000	\$-	\$-	\$-
Annual Allocation					\$400,000

Construction

Activity	Est. Budget	Encumbered	Total Spent	FY26- Spent	FY27 Spent
Design	\$1,500,000	\$1,406,695	\$1,080,410	\$1,080,410	\$-
Construction	\$20,000,000	\$-	\$-	\$-	\$-
ESDC	\$800,000	\$-	\$-	\$-	\$-
Public Involvement	\$10,000	\$10,000	\$2,800	\$2,800	\$-
Contingency ¹	\$2,000,000				
Total	\$24,310,000	\$1,416,695	\$1,083,210	\$1,083,210	\$-
Annual Allocation					\$7,095,000

¹ Contingency is tracked with construction encumbrance.

Change Orders

None.

Fleet Program Replacement

Metro Water Project Manager: Michael Carter

Project Description

Purchase a track hoe, fork lift, utility vehicle, and two electric golf carts.

Status

The track hoe and fork lift will be presented to the Engineering Committee and board in August. A utility vehicle and two golf carts were ordered and received.

Budget

Activity	Annual Allocation	Encumbered	Total Spent
Track Hoe	\$200,000	\$159,729	\$-
Fork Lift	\$60,000	\$94,517	\$-
Utility Vehicle	\$50,000	\$32,896	\$32,896
Golf Cart (2)	\$40,000	\$22,196	\$22,196
140kW Portable Generator	\$120,000	\$-	\$-
Total	\$470,000	\$287,142	\$0

Little Dell Dam Improvements

Metro Water Project Manager: Ammon Allen

Project Description

Improvements as identified by Salt Lake City Department of Public Utilities.

Status

The city completed work on the control panel replacement and is preparing to bid penstock recoating.

Budget

Activity	Annual Allocation	Encumbered	Total Spent
Little Dell Dam Improvements	\$600,000	\$-	\$-
Total	\$600,000	\$-	\$-

Repair and Replace

Project Description

Routine repair and replace non-capacity capital investments.

Status and Budget

Activity	Annual Allocation ¹	Project Manager	Total Encumbered	Total Spent	Update
Annual Network Server Replacement	\$200,000	Darin Klemin	\$-	\$-	No progress to date.
Assess POMRWR Liner	\$75,000	Andy Reidling	\$-	\$-	Staff is reviewing consultant recommendations on the liner.
Replace Deer Creek Intake Actuators	\$70,000	Alex Reidling	\$-	\$-	Staff is obtaining quotes.
Replace UPS in New Chemical Building	\$65,000	Alex Reidling	\$67,778	\$-	The UPS was ordered.
Ultrasonic Flow Meter Replacement	\$60,000	Alex Reidling	\$-	\$-	No progress to date.
Redundant POMA Fiber (Year 1 of 2)	\$50,000	Darin Klemin	\$-	\$-	No progress to date.
Ultraviolet Spectrophotometer Replacement	\$30,000	Jeff Matheson	\$-	\$-	Staff is preparing an RFP to purchase the equipment.
Miscellaneous	\$100,000				
Total	\$650,000		\$	\$	

¹ The Repair and Replace budget is managed to the bottom line; individual project encumbrances may exceed annual allocations.

Jordan Valley Water Conservancy District (JVWCD)

Jordan Aqueduct System and 150th South Pipeline – Capital Projects

Metro Water is responsible for 2/7ths of Jordan Aqueduct (JA) system improvements which include JA, Jordan Valley Water Treatment Plant (JVWTP), and the JA Terminal Reservoir. Metro Water is responsible for one half of improvements associated with the 150th South pipeline. FY2027 projects include:

Rehabilitation or Replacement of Existing Facilities

• JVWTP Replace Filter Media	\$ 460,571
• JVWTP Basins 1 and 2 Circular Sweeper Repair	\$ 39,634
• Normal Small Capital Improvements	\$ 335,750
• JA Normal, Extraordinary Maintenance and Replacement	\$ 253,086
• JVWTP Normal, Extraordinary Maintenance and Replacement	\$ 346,114
• TR Normal Maintenance and Replacement	\$ 103,210
• Communication Systems Normal Maintenance and Replacement	\$ 11,657
• 150 th South Pipe Normal Maintenance and Replacement	\$ 10,000

New Non-Capacity Facilities (Compliance/Functional Upgrade)

• Electrical Generators and Site Modifications Phase 2	\$ 45,188
• JVWTP Filter and Chemical Feed Upgrades	\$ 1,775,857
• JVWTP Floc/Sed 1-2 Seismic Upgrade	\$ 45,015
• New Equipment and Emergency Response Building	\$ 156,571
• Jordan Aqueduct Seismic Resiliency	\$ 144,086

JVWTP Project Management Expenses \$ 50,000

Total Request FY2027: \$ 3,776,739

The following report is taken from JVWCD's June 2026 board packet and covers May 14 to June 11, 2026.

Nelson Brothers Construction finished installing conduit for sleeve valve positioning sensors for the Jordan Aqueduct Reach 2 Flow Control Structure Improvements project. Butterfly valves are expected in October. The valve and meter replacement will be performed in winter 2026 when the Jordan Aqueduct is taken offline.

The JVWTP Chemical Buildings is substantially complete. A final walkthrough and system commissioning were completed. The project is awaiting a Bacnet card for the building management system.

JVWCD will solicit feedback on Jordan Aqueduct Seismic Resiliency Study from CUWCD, USBR, PRWUA, and Metro Water. JVWCD submitted a BRIC grant application for funding to quantify the geologic hazards along the Jordan Aqueduct alignment.

Work is on schedule for all three external buildings (carbon feed, chlorine feed, and caustic feed) for the JVWTP Filter and Chemical Feed Upgrades Project. Masonry work began on the caustic building. Filter work will begin January 2027, and a new backwash tank will be constructed in spring 2027.

A BRIC application was submitted for the JVWTP Sedimentation Basins 1-2 Seismic and Capacity Upgrades. JVWCD is hoping for \$20M in federal cost sharing.