

TECHNICAL ADVISORY COMMITTEE MEETING

9:00 a.m.
April 23, 2026

ZOOM

A G E N D A

- | | |
|------------|---|
| 9:00 a.m. | I. Call to Order – Al Grasser |
| 9:02 a.m. | II. Welcome & Introductions – Al Grasser |
| 9:03 a.m. | III. Roll Call – Lisa Schafer |
| 9:04 a.m. | IV. Consideration of Minutes – Al Grasser |
| | A. >March 19, 2026 |
| 9:05 a.m. | V. Construction Update – Kip Kovar |
| 9:10 a.m. | VI. McClusky Canal/BWTP Update – Paul Boersma |
| | A. *90% Design for Early Out BWTP Site Preparation, Contract 1 |
| 9:30 a.m. | VII. Biennium Work Plans/Budget Updates – Kip Kovar & Kurt Ronnekamp |
| | A. >2023-2025 Work Plan |
| | B. >2025-2027 Work Plan |
| | C. *Revised 2025-2027 Work Plan (ENDAWS) |
| 9:50 a.m. | VIII. >*Task Order 1610 – 25-27 Biennium Program Management Support Services
Bruce Grubb, Todd Feland and Paul Boersma |
| 10:20 a.m. | IX. Operations Update – Paul Boersma |
| 10:35 a.m. | XI. Washburn Update – Steve Burian |
| 10:50 a.m. | XII. Executive Director Position Update – Bruce Grubb |
| 11:00 a.m. | XIII. Adjourn |

The following minutes are in draft form subject to review and approval by the LAWA TAC at its next meeting.

26-01

LAKE AGASSIZ WATER AUTHORITY

TECHNICAL ADVISORY COMMITTEE

Video Conference

March 19, 2026

A meeting of the Lake Agassiz Water Authority (LAWA) Technical Advisory Committee (TAC) was held on March 19, 2026, by video conference. The meeting was called to order by Chair Al Grasser at 10:00 a.m.

MEMBERS PRESENT

Chair Al Grasser
Brent Brinkman
Ann Broussard
Todd Feland
Bruce Grubb
Troy Hall
Dan Portlock
Marc Pritchard
Kip Kovar, Secretary

MEMBERS ABSENT

Dave Carlsrud

A copy of the registration sheet (Annex I) is attached to the minutes.

The meeting was recorded to assist with compilation of the minutes.

WELCOME AND INTRODUCTIONS

Chair Grasser stated the LAWA Board and TAC are entering a new phase with increased involvement in the operational aspects of the Red River Valley Water Supply Project (RRVWSP) moving forward. He noted the TAC’s efforts to take a more proactive approach to key initiatives.

Chair Grasser announced his retirement from the City of Grand Forks in April but confirmed he would continue representing the city on the committee.

CONSIDERATION OF MINUTES

Motion by Todd Feland to dispense with a reading of the December 18, 2025, LAWA TAC minutes and approve them as distributed. Second by Ann Broussard. Upon voice vote, motion carried.

RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP)

Construction Update - - Kip Kovar, Secretary, provided a PowerPoint presentation on the status of RRVWSP pipeline construction contracts. He reported 59 miles of pipeline are under contract or completed, with 30 miles in the ground and 45 miles shovel ready. Timelines for key contracts include Contract 5C expected to be completed this fall, 5D this summer, and 6A in 2027.

Aggregate is being delivered for Contracts 6B, 6C and 7A, which were recently bid. Pipe delivery at 6B and 6C is expected in June, with pipe delivery for 7A expected in July.

The goal is to install approximately 14 miles of pipeline in 2026.

Mr. Kovar added the engineering team anticipates bidding Contract 1 at the Biota Water Treatment Plant (BWTP) for road construction and site leveling, with bid plans and specifications ready to present to the TAC by late spring.

Updates were provided on Series D local funding task orders, including completion of the program management information system and plans to roll out the software to relevant stakeholders. Series E task orders were also reviewed, including pilot testing, geotechnical boring and work related to the Eastern North Dakota Alternate Water Supply (ENDAWS) and canal operations.

Fargo Mayor and LAWA Chair, Tim Mahoney, inquired about the timeline to advance ENDAWS construction for the pump station and water treatment plant, asking how close the project could be to construction by 2027.

Mr. Kovar said that both components are currently in preliminary design and would require approximately an additional year to complete design.

Mayor Mahoney asked whether the timeline could be accelerated if necessary.

Mr. Kovar acknowledged the request and indicated the team would evaluate options.

Mayor Mahoney noted if \$150 million in federal funding and \$100 million in state funding were secured, covering an estimated total cost of \$250-\$275 million, the project could theoretically be completed within two years.

Mr. Kovar added potential uses for the \$150 million could include ENDAWS Contract 3 (approximately 11 miles at an estimated \$80 to \$90 million), Contract 1 for site preparation at the treatment plant (approximately \$20 million) and completion of final design for the treatment plant, which is expected to take about a year.

Contract 5D - Change Order No. 2

Mr. Kovar referenced Change Order No. 2 (Annex II) with Carstensen Contracting, Inc. (Carstensen) which addresses bid quantity overruns and cost adders, resulting in a zero-cost impact.

Mr. Kovar explained the overruns included gravel/asphalt removal and replacement, removing and stockpiling topsoil and granular embedment placement. In addition, more was spent on

road repair and maintenance than expected. The deducts are from landowner reimbursement and the trench bottom stabilization line item, which was not used.

Motion by Todd Feland to recommend the LAWA board approve Change Order No. 2 on Contract 5D with Carstensen Contracting as a zero-cost impact. Second by Brent Brinkman. Upon roll call vote, the following members voted aye: Brinkman, Broussard, Feland, Grasser, Grubb, Hall, Portlock and Pritchard. Those voting nay: none. Absent: Carlsrud. Motion carried.

MCCLUSKY CANAL UPDATE

Paul Boersma, Black & Veatch (BV), provided an update via PowerPoint on the McClusky Canal and BWTP, noting the two will be considered together in future discussions. He reviewed ongoing planning efforts for required canal improvements prior to project startup, including water quality analysis, flow requirements, and anticipated operational enhancements.

Water Quality

Steve Burian, Burian & Associates, reviewed the water quality data from the McClusky Canal, noting increasing total dissolved solids (TDS) and sodium concentrations as water travels through the canal, particularly in the dead section at the end.

A back-pumping strategy was proposed to flush water from the stranded portion of the canal back into New Johns Lake and through Painted Woods Outlet prior to startup of the RRVWSP. This approach would allow for evaluation of the strategy's effectiveness, as well as provide insight into water sourcing and resulting water quality.

Mr. Burian stated if all or a portion of the water needs to be sent through the BWTP, as proposed, the facility is capable of meeting required disinfection and turbidity standards; however, the water from the dead section of the canal would require significantly higher chemical usage, resulting in increased treatment costs. He also expressed concern regarding residuals management.

Mr. Boersma confirmed a discharge permit is currently in place at the McClusky Canal and noted ongoing coordination with the state permitting process. He added permits must undergo a renewal process, which occurs every five years.

Canal Improvements

Mr. Boersma outlined plans for the McClusky Canal moving forward, including evaluation of canal purging using portable pumps and control gates, as well as hydraulic improvements to ensure adequate flow throughout the system. Upcoming tasks were reviewed, including preliminary design work of canal modifications and development of a detailed long-term operations plan to manage canal flows.

John Shockley, Ohnstad Twichell, asked whether there were any permits required outside of Garrison Diversion to operate the canal, such as state or federal approvals.

Mr. Kovar said canal operation is entirely under Garrison Diversion's control.

BIOTA WATER TREATMENT PLANT UPDATE

Mr. Boersma reported a preliminary design of the BWTP was completed and some of those preliminary designs have been presented. Over the last few months, the focus has been on pilot testing of the BWTP.

Mr. Boersma reviewed the status of the BWTP, highlighting the importance of achieving full treatment before entering the Hudson Bay drainage area and noting that pilot testing results would confirm the final design.

Pilot Test Results - - Bo Johnston, Advanced Engineering & Environmental Services (AE2S), presented findings from a pilot program evaluating water treatment at two locations. The purpose of the test was to determine whether water could be adequately preconditioned for ultraviolet (UV) disinfection and meet applicable regulatory requirements.

At Site A, located near the facility headworks, water quality conditions were more favorable and generally aligned with preliminary design assumptions. Site B, located near Highway 200 by the Garrison Diversion maintenance facility, presented more challenging conditions, including higher total organic carbon (TOC), turbidity, and total dissolved solids (TDS).

The pilot program evaluated multiple treatment processes, including coagulation, flocculation, sedimentation, UV disinfection, and chemical disinfection with chlorine, along with solids production and sludge handling.

Overall conclusions:

- >Pilot demonstrated water treatment goals of the Record of Decision (ROD) can be achieved using the unit processes included in the BWTP Preliminary Design
- >Significant difference in influent water quality between the sites will impact operations including:
 - Higher coagulant dosages required for Site B
 - Increased blowdown frequency and increased residuals to the solids handling system for Site B
- >Higher chlorine dosage may be necessary to maintain residual in pipeline, and chloramination at or near BWTP may be needed to reduce disinfection byproduct formation

Water treatment challenges were discussed at varying water quality conditions, with Mr. Boersma noting that worst-case conditions would require increased chemical usage and more complex residuals handling.

Mr. Boersma also emphasized the importance of improving canal water quality to minimize treatment complexity and cost.

Mr. Kovar stated that a separate permit is not required to discharge into Painted Woods, noting the overall RRVWSP currently has a discharge permit that uses Washburn and the Sheyenne

River Outfall as discharge locations. The engineering team is working to revise the discharge permit to include the McClusky Canal.

Chair Grasser asked the engineering team's recommendation regarding BWTP design from a chemical systems standpoint.

Mr. Johnston responded that design consideration will focus on appropriately sizing chemical systems. He suggested using Site A conditions with approximately 30 days of chemical storage as a baseline, while accounting for maximum feed rates and pump turndown capabilities. The biggest issue comes from solids production, representing a primary design challenge, and provisions for temporary mechanical dewatering may be considered prior to long-term lagoon storage.

Chair Grasser suggested forming a smaller working group of volunteers with treatment plant expertise to conduct a deeper dive into the technical details.

Mr. Boersma added it would be very helpful for TAC to have this working group.

Chair Grasser said anyone on the TAC who would like to volunteer for the working group should email him.

Todd Feland, City Administrator, City of Grand Forks, raised concerns about potential increased operating costs and capital requirements due to additional water treatment needs for canal flushing, questioning whether projections align with initial expectations.

Mr. Boersma addressed questions about canal purging, explaining that at a flow rate of approximately 20 cfs, the full canal reach could be purged within several months consistent with the baseline flow projections. Normal base flows required to serve direct pipeline users and maintain canal freshness are expected to also facilitate ongoing purging, providing a dual benefit. More definitive and quantitative data are anticipated following one year of canal purging.

Mr. Boersma further noted operational considerations related to water quality. If the BWTP operates under Site A water quality conditions, operations would remain within the parameters assumed in the existing operations and maintenance cost estimates. If Site B water quality conditions prevail, increased chemical usage would be required, resulting in higher operational costs than originally projected.

He also addressed implications for capital costs, stating with preliminary design and pilot testing complete, the engineering team is now developing a 30 percent design-level cost estimate for the BWTP. This estimate will be incorporated into the overall programmatic cost update.

Mr. Feland commented on prior discussions regarding cost savings associated with utilizing the federal works as opposed to the Missouri River intake. He asked whether, in light of the additional findings and canal improvement requirements, this option remains the most favorable.

Mr. Boersma confirmed the current project configuration remains the most cost-effective option available, providing an estimated savings of at least \$250 million compared to the Missouri River alternative, primarily due to reduced pumping requirements and related factors.

Mr. Burian added under high-flow conditions, such as 165 cfs during drought operations, maintaining canal freshness and achieving adequate purging would not be a concern due to

the significantly higher flow volumes. He noted that potential concerns would be limited to low-flow conditions (e.g., approximately 6 cfs), particularly if groundwater intrusion approaches similar flow levels. Otherwise, if the canal is effectively purged and maintained, water quality conditions are expected to remain consistent with Site A.

USER OUTREACH AND FINANCIAL MODELING

Task Order 9610

Mr. Boersma referenced Task Order 9610, 2025-2027 Biennium User Outreach and Financial Modeling Support (Annex III). The primary objective of this task order is to plan and facilitate regular meetings with the Memorandum of Commitment (MOC) signatories to support their understanding of and potential participation in the legal agreement required for involvement in the RRVWSP. The cost of the task order is \$1,182,881.

The scope of work includes task order administration, coordination with Garrison Diversion/LAWA boards and committees, communication and outreach with 25 MOC signatories, facilitation of meetings to support the development of the Water Delivery Contract and refinement of the project's financial model.

Mr. Boersma noted the task order was initially developed with a broader scope and fee but was subsequently reduced by approximately 50 percent following guidance from Mr. Feland and Mr. Grubb. The revised scope was then reviewed by the Department of Water Resources (DWR), which provided additional input on the appropriate scope and fee.

Mr. Feland stated efficiencies were achieved by consolidating meetings to reduce overall frequency. The user outreach efforts are now focused on the Water Delivery Agreement between LAWA and its participating users. The City of Fargo has taken the lead in drafting the agreement, with review underway by the City of Grand Forks. The primary focus is to have their attorneys review the agreement. It is anticipated that, within the next few months, outreach efforts will include briefing users on the agreement. As part of this process, one additional iteration of the financial analysis will be completed.

Mr. Feland added the timeline is to complete the work with the agreements and secure user commitments in advance of the 2027 legislative session.

Mr. Feland further stated whether undertaken by Fargo, Grand Forks or LAWA, significant resources have been invested in development of the agreement. These efforts have been funded by the respective entities to date and were initially identified as not eligible for cost share.

Mayor Mahoney requested clarification regarding cost share eligibility noting his understanding, based on discussions with the Director of DWR, was this type of work may be eligible for cost share.

Mr. Feland responded further clarification with the DWR is needed to confirm eligibility. They were previously advised by Merri Mooridian, Garrison Diversion, that similar agreement-related work undertaken by Garrison Diversion was not eligible for cost share. He believes additional follow-up is warranted to determine whether legal services associated with agreement development may qualify for cost share participation.

Motion by Todd Feland to recommend the LAWA Board approve RRVWSP Task Order 9610, 2025-2027 Biennium User Outreach and Financial Modeling Support, in the amount of \$1,182,881. Second by Troy Hall. Upon roll call vote, the following directors voted aye: Brinkman, Broussard, Feland, Grasser, Grubb, Hall, Portlock and Pritchard. Those voting nay: none. Absent: Carlsrud. Motion carried.

OPERATIONAL PLANNING

Chair Grasser stated operational planning efforts have been underway in advance of the meeting, including project management coordination and adjustments to scope elements. He noted LAWA will take a more active role in oversight and involvement moving forward to ensure a more proactive approach.

Task Order 1520

Mr. Boersma referred to Task Order 1520, Operational Planning Phase 3, Amendment No. 2 (Annex IV), explaining the original Phase 3 operations contract, approved as part of the previous biennium work plan, did not anticipate certain additional support activities to LAWA and Garrison Diversion.

He noted this is an amendment allowing BV to recover costs associated with work performed outside the original scope and to complete Phase 3 Operational Planning with delivery of a final report to both organizations.

The scope of work includes completion of Operations Phase 3 Report, incorporating a summary of requested model runs and operational analysis conducted over the past two years. The total fee for services provided under this task order amendment is \$94,242.

Task Order 1620

Mr. Boersma referenced Task Order 1620, Operational Planning Phase 4A, Part A (Annex V). As Garrison Diversion, LAWA and DWR develop an operational planning model, this task order will support these entities in understanding and prioritizing operational questions critical to the planned Water Supply and Delivery Agreements.

The scope of this task order includes preparation and conducting an operational planning meeting, preparation for and completion of TAC meetings and Operational Planning – Phase 4B Planning. The cost of the task order is \$166,000.

Mr. Boersma added this shared operational planning model focuses on key issues related to securing water delivery and supply contracts, which were discussed at a joint meeting among the three entities last week.

He identified the most urgent operational planning items requiring resolution:

1. Finalizing StateMod
2. Final User Nominations and Points of Service
3. Integration with Army Corps of Engineers
4. Integration with how DWR will manage Lake Ashtabula

Mr. Feland added that the Water Delivery Agreement previously discussed will include attachments addressing both financial and operational elements. He noted that this operational planning work will feed directly into the operational agreement attachment.

Motion by Ann Broussard to recommend the LAWA Board approve: 1) RRVWSP Task Order 1520, Operational Planning Phase 3, Amendment No. 2, in the amount of \$94,242 and 2) RRVWSP Task Order 1620, Operational Planning Phase 4A, Part A, in the amount of \$166,000. Second by Marc Pritchard. Upon roll call vote, the following directors voted aye: Brinkman, Broussard, Feland, Grasser, Grubb, Hall, Portlock and Pritchard. Those voting nay: none. Absent: Carlsrud. Motion carried.

EXECUTIVE DIRECTOR POSITION

Job Description

Bruce Grubb, City of Fargo, presented a comprehensive draft job description for the LAWA Executive Director position (Annex VI), outlining qualifications, responsibilities, and a proposed hiring timeline with a target start date of mid-June.

Mr. Grubb stated the draft was developed using sample job descriptions provided by Ohnstad Twichell, Mr. Bogar and the Fargo's City Administrator position.

He explained the Executive Director position will initially be a contracted position administered through the City of Fargo, while serving as a LAWA employee until such time that LAWA has capacity to assume the role directly.

Regarding compensation, Mr. Grubb reviewed the City of Fargo's current pay plan and noted salary considerations were based on comparable positions, aligning duties and responsibilities with existing pay ranges.

Mr. Grubb added the Executive Director will be accountable to the LAWA Board as well as LAWA TAC and FAC. Key areas of responsibility include organizational leadership and governance, partner coordination, regional collaboration, member relations and stakeholder engagement, financial management and administration, planning, compliance and public representation.

Mr. Grubb noted the Executive Director is expected to represent LAWA in both public and legislative settings.

The proposed salary range for the position is \$145,226 to \$188,760, consistent with a director-level position within the City of Fargo's current pay plan.

Mr. Grubb further noted the job description has been fully vetted by Fargo and Grand Forks at this point.

Motion by Brent Brinkman to approve the draft Executive Director job description and forward it to the LAWA Board with a recommendation to approve and advertise for the position. Second by Ann Broussard. Upon roll call vote, the following directors voted aye: Brinkman, Broussard, Feland, Grasser, Grubb, Hall, Portlock and Pritchard. Those voting nay: none. Absent: Carlsrud. Motion carried.

VICE CHAIR ELECTION

Chair Grasser stated the Vice Chair position has been vacant for some time and emphasized the importance of having leadership depth. He called for volunteers to fill the position.

Motion by Todd Feland to appoint Bruce Grubb as Vice Chair to the LAWA TAC. Second by Marc Pritchard. Upon roll call vote, the following directors voted aye: Brinkman, Broussard, Feland, Grasser, Grubb, Hall, Portlock and Pritchard. Those voting nay: none. Absent: Carlsrud. Motion carried.

Chair Grasser adjourned the meeting at 11:45 a.m.

Al Grasser, Chair

Kip Kovar, Secretary

REGISTRATION

LAWA TAC MEETING
Video Conference
March 19, 2026

NAME	ADDRESS
Kelly Klosterman	Garrison Diversion
Lisa Schafer	Garrison Diversion
Kimberly Cook	Garrison Diversion
Dave Anderson	Garrison Diversion
Greg Bischoff	Garrison Diversion
Kip Kovar	Garrison Diversion
Jason Siegert	Garrison Diversion
Steve Metzger	Garrison Diversion
Jay Anderson	Garrison Diversion
Brent Bogar	LAWA
Kurt Ronnekamp	Black & Veatch
John Shockley	Ohnstad Twichell
Troy Hall	City of Fargo
Bennett Johnson	Vogel Law Firm
Alan Idso	LAWA
Ann Broussard	LAWA
Ken Vein	Garrison Diversion
Shawn Gaddie	AE2S
Alan Walter	Garrison Diversion
Steve Burian	Burian & Associates
Keith Mykleseth	EGF Water & Light
Paul Boersma	Black & Veatch
Adam Wahler	AE2S
Bennett Johnson	Vogel Law Firm
Bo Johnston	AE2S
Brent Erickson	AE2S
Cory Drevecky	Dept. of Water Resources
Tim Mahoney	City of Fargo

Change Order ¹³

Annex II
26-12

Change Order No.: 02

Date of Issuance: 03-06-2026

Effective Date: 03-06-2026

Owner: Garrison Diversion Conservancy District
Contractor: Carstensen Contracting, Inc.
Project: Transmission Pipeline East Contract 5D
Owners Project No: 8-301-520
Owners Contract Number: 5534

The contract is modified as follows upon the execution of this Change Order:

Change Order Requests Description:

COR 002 - Bid Item13 Gravel Pavement R&R	\$44,500.00
002A Adjustments for quantity changes	(44,500.00)
Total	\$0.00

Attachments: Detailed CORs Descriptions

CHANGE IN CONTRACT PRICE:

Original Contract Price:
\$61,677,275.00

Increase from previously approved Change Order:
(2,301,780.00)

Contract Price Prior to This Change Order:
\$59,375,495.00

Increase of this Change Order:
\$0.00

Contract Price incorporating this Change Order:
\$59,375,495.00

CHANGE IN CONTRACT TIMES:

Original Contract Times:
Substantial Completion Date: 05-29-2026
Ready for final payment: 07-31-2026

Increase from previously approved Change Orders:
Substantial Completion: 0 days
Ready for final payment: 0 days

Contract Times Prior to This Change Order:
Substantial Completion: 05-29-2026
Ready for final payment: 07-31-2026

Increase of this Change Order:
Substantial Completion: 0 days
Ready for final payment: 0 days

Contract Times with all approved Change Orders:
Substantial Completion: 05-29-2026
Ready for final payment: 07-31-2026

ACCEPTED:

By: _____
Owner (Authorized Signature)
Printed: _____
Title: _____
Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)
Printed: _____
Title: _____
Date: _____

Change Order Request Number: COR 002 - Bid Item 13 Gravel Pavement R&R

Change order Request description:

Request quantity adjustment to Bid Item #13, Gravel Pavement Removal and Replacement. Original bid tab quantity is 120 LF. Actual planned quantity for gravel pavement removal and replacement is 220 LF (summary below).

Gravel road crossings called out on plans for Trench Section C, Unpaved.

59th Ave. - 40 LF

60th Ave. - 45 LF

62nd Ave. - 45 LF

1st St. - 45 LF

67th Ave. - 45 LF

Total per plan equals - 220 LF

Request for addition of 100 LF to bid item #13, Gravel Pavement Removal and Replacement

Total Change Order Request Amount \$44,500.00

Total Commitment change amount:
\$44,500.

Contract Days Extension Requested:

Change Order Request Number: 002A Adjustments for quantity changes

Change order Request description:

Multiple adjustments for Quantity changes from original bid tab and landowner agreement. See attached summary sheet for additional details.

Item 12.10 (Asphalt Pavement Removal) - Add 15 LF, \$9,300

Item 12.20 (Asphalt Pavement Replacement) - Add 15 LF, \$19,200

Item 22.10 (Remove/Stockpile Topsoil) - Add 345 LF, \$2,760

Item 23.10 (Road Maintenance - Allowance) - Add to LS, \$112,500

Item 28.10 (Granular Embedment Staging) - Add 345 LF, \$36,225

Item 28.20 (Granular Embedment Placement) - Add 345 LF, \$6,900

Item 29.10 (Artificial Trench Foundation Placement) - Deduct (\$212,215.90)

New Item CO (Donnie Theis Crop Flood Agreement) - Deduct (\$19,169.10)

Net Change - (\$44,500) (offsets request for changes to Bid Item #13 in COR #2)

Total Commitment change amount: \$-
44,500.

Contract Days Extension Requested:



RRVWSP Task Order 9610 – 2025-27 Biennium User Outreach and Financial Modeling Support

Task Order Effective Date: December 1, 2025

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Previous biennia's task orders authorized professional services to engage potential Users as necessary to obtain commitments to the RRVWSP in the form of a Project Participation Agreements (PPAs). During the previous biennial period, Garrison Diversion/LAWA changed the focus from getting PPAs in place to getting Users to sign a Memorandum of Commitment (MOC). Signed PPAs would then follow the MOCs as a second step. To date, 22 Users have signed MOCs to participate in the Project. Of those 22 Users, seven signed the Series D2 local user financing agreement whereas six signed the Series F local user financing agreement that came later.

The primary objective of this Task Order is to plan and facilitate regular meetings with MOC signatories to enable them to understand and consider signing legal contracts needed to participate in the RRVWSP. As part of this Task Order, the management team will provide:

- Coordination of meetings including scheduling location, meeting times, and attendees between Users and LAWA/GDCD, and
- Financial modeling support as requested by the MOC signatories and approved by the management team and to facilitate State understanding of future cost-share requirements.

Another objective of the Task Order is to engage and inform additional Users who have not yet signed an MOC to participate but have an interest in participating.

TASK ORDER SUMMARY

Basic Services: The following services are to be provided by the team of Black & Veatch, Burian & Associates, and AE2S:

<u>Task Description</u>	<u>Fee</u>
1. Task Order Management and Administration	\$155,389
2. Coordination with GDCD/LAWA Boards and Committees	\$205,372
3. Communication/Outreach with Memorandum of Commitment Signers	\$152,685
4. Meetings with Individual MOC Signatories in Support of the Water Distribution Contract	\$377,020
5. Refined Financial Modeling	\$292,415
Totals	\$1,182,881

Special Services: There are no unique or specialized services being provided under this authorization.

PROJECT OVERVIEW

A list of the 22 MOC signatories is included in the Task Order along with delineation of those that have signed local financing agreements. Deliverables provided under this Task Order are as follows:

- Handouts/presentations for board and committee meetings
- Bi-monthly communication material for the MOC signers
- Financial meeting handouts for MOC signers
- Updated financial analysis and exhibits



Black & Veatch Corporation

Professional Services for the Red River Valley Water Supply Project
Under General Agreement dated January 17, 2008

RRVWSP Task Order 9610 – 2025-27 Biennium User Outreach and Financial Modeling Support

Effective Date – December 1, 2025

Content of this Task Order (TO) is as follows:

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I. PROJECT AND TASK ORDER BACKGROUND

- 1. The overall task order objective for the 2023-2025 Biennium was to secure signed Project Participation Agreements (PPAs) from the prospective Users. This objective was modified to secure signed Memoranda of Commitments (MOCs) from prospective Users. The 2023-2025 User Outreach Task Order resulted in the Users shown on Table 1 signing a MOC to participate in the RRVWSP.
- 2. The purpose of this Task Order is to provide communications and financial modeling support to committed and potential RRVWSP Users to help them complete required contract negotiations to become full project participants. LAWA will provide direction and management of this Task Order with support of the Engineer and staff of GDCD. This will include the development of a Management Team with staff representatives of both entities and the Engineer.

Table 1 – RRVWSP Users Who Have Signed a MOC

ANTICIPATED PROJECT PARTICIPANTS	NOMINATION (CFS)	GENERAL RESPONSE
Fargo/ West Fargo/ Cass Rural Water District	83.7	Signed Series D2 MOC
Grand Forks	28.1	Signed Series D2 MOC
Carrington	0.5	Signed Series D2 MOC with Nomination Decrease
Mayville	0.5	Signed Series D2 MOC
Hillsboro	0.5	Signed Series D2 MOC
Cooperstown	0.2	Signed Series D2 MOC
Series F Signed Subtotal	113.50 cfs	
Valley City	2	Signed Series D2 MOC with Nomination Increase
Signed Series D2, Not-Series F	2.00 cfs	
Jamestown	11	Signed MOC
Wahpeton	6	Signed MOC with Nomination Increase
East Central Regional Water District (Grand Forks Traill, Traill Rural, Larimore)	4.4 (3.00, 1.10, 0.30)	Signed MOC
Southeast Water Users District	4	Signed MOC with Nomination Increase
Richland County	4	Signed MOC with Nomination Increase
Dickey County	4	Signed MOC - New
Northeast Regional Water District & Langdon	3.2	Signed MOC
LaMoure County	3	Signed MOC - New
Grafton	2	Signed MOC
Traill County	1.22	Signed MOC - New
Sargent County	1	Signed MOC - New
Lisbon	1	Signed MOC with Nomination Increase
Walsh Rural Water District	1	Signed MOC
Agassiz Water Users District	1	Signed MOC
Washburn	0.45	Signed MOC - New
McLean-Sheridan Water District	0.42	Signed MOC
Post Series D2 Signed MOC Subtotal	47.69 cfs	
Total Signed MOC's	163.19 cfs	

The current, approximate, cost allocations made to each MOC signatory as a percentage of total project costs is shown in Table 2. These cost allocations are expected to change with ongoing financial modeling updates and potential changes to the MOC participant list.

Table 2 – RRVWSP 2026 Financial Model Update (September 5, 2025)

MOC Category	User	Draft MOC Allocation Model Run (2-Tier)	Total Nomination	Domestic Nomination	Industrial Nomination	Draft 2-Tier Financial Model Allocation Notes
Series D2 + F	Fargo / West Fargo / Cass Rural	62.06%	83.70	66.30	17.40	All Tier 1 RRV Costs
Series D2 + F	Grand Forks	16.64%	28.10	13.80	14.30	RRV - Tier 1 Industrial / Tier 2 Domestic
Series D2 + F	Carrington / Carrington JDA	0.25%	0.50	0.00	0.50	CE - Tier 1 Industrial
Series D2 + F	Hillsboro	0.22%	0.50	0.00	0.50	RRV - Tier 2 Industrial
Series D2 + F	Mayville	0.22%	0.50	0.00	0.50	RRV - Tier 2 Industrial
Series D2 + F	Cooperstown	0.15%	0.20	0.00	0.20	RRV - Tier 1 Industrial
Series D2 + F	Signed Series D2 + F Subtotal		113.50	80.10	33.40	
Series D2	Valley City	1.18%	2.00	1.00	1.00	RRV - Tier 1 Industrial / Tier 2 Domestic
Series D2	Signed Series D2, Not Series F		2.00	1.00	1.00	
Post D2	Jamestown	2.94%	11.00	0.00	11.00	CE - Tier 2 Industrial
Post D2	Wahpeton	2.63%	6.00	1.50	4.50	RRV - Tier 2 Domestic and Industrial
Post D2	East Central Regional Water District	1.93%	4.40	1.00	3.40	RRV - Tier 2 Domestic and Industrial
Post D2	Richland County	1.75%	4.00	0.00	4.00	RRV - Tier 2 Industrial
Post D2	Southeast Water Users District	1.75%	4.00	1.00	3.00	RRV - Tier 2 Domestic and Industrial
Post D2	Dickey County	1.75%	4.00	0.00	4.00	RRV - Tier 2 Industrial
Post D2	Northeast Regional Water District	1.40%	3.20	0.00	3.20	RRV - Tier 2 Industrial
Post D2	LaMoure County	1.31%	3.00	0.00	3.00	RRV - Tier 2 Industrial
Post D2	Grafton	1.21%	2.00	0.90	1.10	RRV - Tier 1 Industrial / Tier 2 Domestic
Post D2	Traill County	0.53%	1.22	0.00	1.22	RRV - Tier 2 Industrial
Post D2	Agassiz Water Users District	0.44%	1.00	0.00	1.00	RRV - Tier 2 Industrial
Post D2	Walsh Rural Water District	0.44%	1.00	0.00	1.00	RRV - Tier 2 Industrial
Post D2	Lisbon	0.74%	1.00	0.00	1.00	RRV - Tier 1 Industrial
Post D2	Sargent County	0.44%	1.00	0.00	1.00	RRV - Tier 2 Industrial
Post D2	Washburn	0.02%	0.45	0.45	0.00	ISP - Tier 1 Domestic
Post D2	McLean Sheridan Rural Water District	0.01%	0.42	0.00	0.42	ISP - Tier 2 Industrial
Post D2	Subtotal	DRAFT	47.69	4.85	42.84	
	Approved MOC Total	100.00%	163.19	85.95	77.24	

There are other Users who were engaged during the previous biennium who may participate, have declined to participate, or are in the process of considering as shown in Table 3.

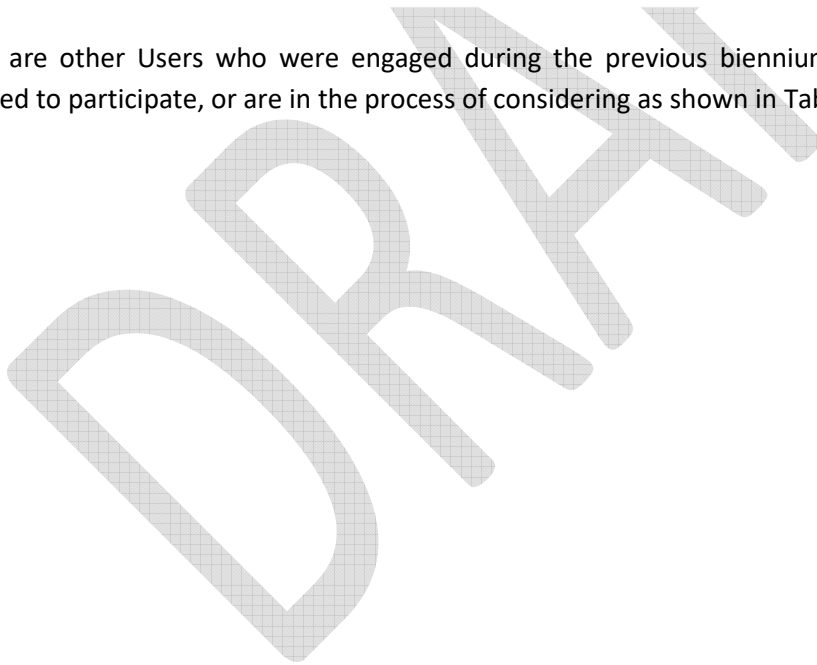


Table 3 – Other Potential Users

ANTICIPATED PROJECT PARTICIPANTS	NOMINATION (CFS)	GENERAL RESPONSE
Dakota Rural Water District	0.75	Considering
Devils Lake	1	Evaluating
Lakota	0.2	Evaluating
Remaining Engaged Users Subtotal	1.95 cfs	
Tri-County Rural Water District	1	Ceased Communications
Barnes Rural Water District	0.5	Previously Withdrew but Reconsidering
Tuttle	0.02	Ceased Communications
Forman	0.01	Ceased Communications
Unknown/Has Concerns Subtotal	1.53 cfs	
Stutsman Rural Water District	4	Declined
Greater Ramsey Rural Water	1	Declined
Ransom County	1	Previously a Potential Addition, but has Now Declined
Central Plains Water District	0.6	Declined
Oakes	0.6	Previously a Potential Addition, but has Now Declined
South Central Regional Water District	0.5	Declined
Park River	0.4	Declined
McVile	0.1	Declined
Declined Subtotal	8.2 cfs	
Ellendale	----	Team has Engaged
Gwinner	----	Team has Engaged
Lamoure	----	Team has Engaged
Cass County	----	Team has Engaged with the County
Grand Forks County	----	Team has Engaged with the County
Stutsman County	----	Team has Engaged with the County
Barnes County	----	Team has Engaged with the County

II. TASK ORDER OBJECTIVES

1. The primary objective of this Task Order is to plan and facilitate regular meetings with MOC signatories (Table 1) to enable them to understand and consider signing legal contracts (developed by others) needed to participate in the RRVWSP. As part of this, the Management Team will provide:
 - A. Coordination of meetings including scheduling location, meeting times, and attendees between Users and LAWA/GDCD.
 - B. Financial modeling support as requested by the MOC signatories and approved by the Management Team and to facilitate State understanding of future cost-share requirements.

2. It is expected that MOC signatories will have technical questions related to assumptions made in StateMOD, water delivery such as the feasibility of pipeline extensions and the use of the James River, and water quality that will need to be addressed. The User Outreach work and financial modeling completed under this task order will be supported by technical analysis completed under the Operations Phase 4 Task Order (TO 1620).

3. The secondary objective is to engage and inform additional Users who have not yet signed a MOC (Table 3) to participate in the project.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional services associated with supporting LAWA and the MOC signatories to sign water delivery contracts through the facilitation of meetings, regular communications, and financial modeling. Technical updates and support will be provided through other task orders, including the Operations Phase 4 Task Order (TO 1620).
3. Work outside Basic and Special Services. Engineer agrees to provide the Basic Services and Special Services identified herein. Work not specifically discussed herein as part of Basic Services or Special Services is considered Additional Services. Additional Services will only be performed with proper separate authorization such as an amendment to this Task Order or a new separate Task Order.
4. Explicit Responsibilities. Basic Services and Special Services explicitly set forth the Work Engineer will perform and do not implicitly put any additional responsibilities or duties upon Engineer. Deliverables to be provided are explicitly identified in this Task Order.
5. Explicitly Identified Quantities. Engineer in development of this Task Order estimated the level of effort required to provide the services discussed. Where specific information is listed as to the quantity of service to be provided by Engineer, those quantities listed are considered Basic Services or Special Services and are, therefore, included in this Task Order scope of service and associated fee estimate. Services exceeding the written quantities shown below in Basic Services or Special Services are considered Additional Services.

IV. BASIC SERVICES

The Basic Services of this Task Order are provided below in the following tasks:

- Task 1 – Task Order Management and Administration
- Task 2 – Coordination with GDCD/LAWA Boards and Committees
- Task 3 – Communication/Outreach with MOC Signers
- Task 4 - Meetings with MOC Signatories in Support of the Water Delivery Contract
- Task 5 – Refined Financial Modeling

1. Task 1 – Task Order Management and Administration

The overall objective of this task is to set up the project and keep the Task Order on schedule for its estimated 19-month duration (December 1, 2025 – June 30, 2027). Engineer will provide the following services to the Owner:

- A. Provide general project management and administration tasks including communications with the Owner, coordination, and supervision of the Engineer’s project team, monitoring the project schedule, monitoring the project budget, and invoicing for 19 months.
 - B. Meetings. The Consulting Team will provide:
 - i. Bi-weekly meetings with the Management Team (estimated 36)
2. **Task 2 – Coordination with GDCD/LAWA Boards and Committees.**
- A. The Consulting Team will provide:
 - i. Regular meetings with Financial Advisory Committee (FAC) to present financial modeling results (estimated 10)
 - ii. Regular meetings with Technical Advisory Committee (TAC) to present technical updates (estimated 10)
 - iii. User outreach updates as requested for LAWA board meetings (estimated 10)
 - iv. User outreach updates to the quarterly Garrison Diversion board meetings (estimated 6)
3. **Task 3 – Communication/Outreach with MOC Signers.** The Consulting Team will provide:
- A. Team will update and maintain the User database established in the previous task order to maintain names/contacts/record of communications with each User.
 - B. Bi-monthly Project User Communications. Develop and deliver written communications for the Project Users as deemed important by the Management Team. Examples may include board notices/summaries, updated schedules, and project engineering and construction updates. Communications will be coordinated with the Project Communications Team for consistency of messaging.
 - C. Regular Meetings for all MOC signatories (estimated 6). Anticipated schedule and purpose:
 - i. December 2025 – Summary of Overall Project Status
 - ii. February 2026 – Updated StateMOD and Financial Analysis
 - iii. May 2026 – Key provisions of the Water Delivery Contract and context of Water Supply Contract
 - iv. July 2026 – Draft Content of Water Delivery Contract
 - v. September 2026– Draft 2 of Water Delivery Contract
 - vi. November 2026– placeholder

The scope includes preparation of technical materials/presentation for each meeting and coordination of those materials with the management team.
4. **Task 4 - Meetings with MOC Signatories in Support of the Water Delivery Contract.** The previous User Outreach task order experience suggests that it typically takes 3 to 4 rounds of

meetings with each User to secure a contractual commitment. This task includes effort to conduct three meetings with the Users to support them in signing a Water Delivery Contract. It is desirable to host regional meetings with multiple Users to be efficient with time, resources and allow for shared input. Regional meetings could potentially be in the following areas:

- Wahpeton (Wahpeton, Richland County, SEWUD-- 10 to 14 cfs)
- Lisbon (Lisbon, Sargent County, SEWUD—2 to 6 cfs)
- Oakes (Dickey County, LaMoure County, SEWUD—7 to 11 cfs)
- Jamestown/Valley City (Jamestown, Valley City—13 cfs)
- Carrington (Carrington, Cooperstown, MSRWD, DRWD—2.07 cfs)
- Hillsboro (Mayville, Hillsboro, ECRWD—5.4 cfs)
- Devils Lake (Devils Lake, Lakota, NRWD—1.2 to 4.4 cfs)
- Grafton (Grafton, WRWD, ARWD, NRWD—3 to 6.2 cfs)

It is expected that presentation of the Water Delivery Contracts will require legal support, which will be provided by the LAWA attorneys. The following sequence of meetings is expected:

- A. Initial User Meeting to Present Water Delivery Contract (estimated 8)
- B. Follow Up User meeting to Discuss Water Delivery Contract and gather initial questions (estimated 8)
- C. Final User Meeting(s) to Secure Commitment for Water Delivery Contract (estimated 8)
- D. As shown on Table 3, there are several undecided users. This task includes effort to engage these potential additional users at the Management Team's direction.
- E. Up to seven service area cooperative agreements are anticipated, including:
 1. Cooperstown Area
 2. Traill County Area
 3. Devils Lake Area
 4. Southeast Area-East
 5. Southeast Area- Central
 6. Southeast Area- West
 7. Grafton Area

This scope includes the effort for two regional meetings to support the service area cooperative agreements.

5. **Task 5 – Refined Financial Modeling.** To support on-going User outreach efforts and provide prospective Users with the most current Project Financial information prior to signing the final Water Delivery Contract, the existing Project financial model will be progressed over the next year. The following primary tasks are anticipated to be necessary:

- A. Financial Model Updates** – reproject future Series financing requirements based on final Series F Loan Agreement details, projected future series cost-share requirements, and prior Series A-E anticipated actuals.
- B. Cost Allocation Model Update** – update cost allocation model to reflect MOC Signatory Roster utilizing the Garrison Diversion and LAWA adopted 2-tier cost allocation model. The Consulting Team will develop the revised cost allocation model utilizing the MOC signatory roster as of the date of the signing of this Task Order as shown in Table 2 above.
- C. Alternative Cost Allocation Model Development** – develop alternative cost allocation modeling reflecting potential revised User participation scenarios that are expected to evolve throughout the performance of Task 2 and 3. It is also anticipated that users may request potential alternative service scenarios (i.e., James River Conveyance) that may require alternative cost allocation model runs. The technical analysis associated work such as assessing the feasibility of using James River for water conveyance will be done under the Operations Phase 4 Task Order.
- D. Finalize Project Operations, Maintenance, Administration, and Reserve (OMAR) Assumptions** – develop final anticipated Project OMAR revenue requirements and cost allocation approach for various project operating protocols. The Consulting Team will review with Owner the anticipated OMAR cost structure and current best estimates for OMAR revenue requirements including items such as labor (administrative, operating, and maintenance), power, chemicals, contract maintenance, and reserve requirements. The analysis will include evaluation of costs under different Project water supply scenarios and recommend allocation of cost to Users based on different project use scenarios.
- E. Water Delivery Contract Financial Exhibits Development** – develop final exhibits for incorporation to the Water Delivery Contract including appropriate detail documenting the Project financial structure and on-going user cost responsibilities. This will include developing the Water Delivery Contract financial exhibit final drafts that are expected to include the following:
1. **Prior Project Expenses Summary** – exhibit is expected to include a breakdown of all prior Series Project financing agreements and past User participation within each respective financing.
 2. **Capital Cost Responsibility and Cost Delivery** – exhibit is expected to include summary documentation of the methodology of the adopted 2-tier cost allocation model and the results of the cost delivery to all anticipated Water Delivery Contract signatories.
 3. **Debt Repayment Obligation Schedules for Existing Debt and Future True-up** – exhibit is expected to include Amortization tables for the Project and individual Users based on the refined financial modeling and the results of final cost allocation analysis for anticipated Water Delivery Contract signatories.

4. OMAR Cost Responsibility and Cost Delivery – exhibit is expected to include summary documentation of the methodology of the OMAR cost allocation model and the results of the cost Delivery to anticipated Water Delivery Contract signatories.

Consistent with *Task 2 – Communication/Outreach with MOC Signers*, the following schedule is anticipated for the completion of the outlined Refined Financial Modeling Tasks:

- Financial Model and Cost Allocation Model Update – April 2026
- Alternative Cost Allocation Model Development – June 2026
- Final OMAR Assumptions and Allocations – June 2026
- Draft Water Delivery Contract Financial Exhibits – July 2026
- Final Water Delivery Contract Financial Exhibits – September 2026
- State Funding and Legislative Support – November 2026 – April 2027

V. SPECIAL SERVICES

There are no Special Services anticipated within this Task Order.

VI. DELIVERABLES

The following deliverables will be furnished under this Task Order. Documents or deliverables not included in the list below will be provided as Additional Services as authorized by the Owner. Unless noted otherwise, deliverables will be in the form of electronic pdf files.

1. Task 1 – Task Order Management and Administration
2. Task 2 - Coordination with GDCD/LAWA Boards and Committees.
 - Handouts/presentations as requested
3. Task 3 – Communication/Outreach with MOC Signers
 - Bi-monthly communication materials.
4. Task 4 – Regional Meetings with MOC Signatories in Support of the Water Delivery Contract.
 - Handouts of financial and as requested by LAWА and Users
5. Task 5 – Refined Financial Modeling
 - Updated Financial analysis and exhibits as requested by LAWА.

VII. ADDITIONAL SERVICES

1. The professional services listed below are not included in the scope of this Task Order nor does the fee shown in Article IX include any labor and direct expenses for items identified as Additional Services. Should Owner want to include services listed under Additional Services in

Engineer's scope of work, an amendment to this Task Order or execution of a separate Task Order with the new work will be necessary. The following items are specifically excluded from Basic and Special Services:

- A. Attending additional general meetings beyond what is identified in this Task Order.
- B. Attending additional individual User meetings to support approval of the Water Delivery Contract.
- C. Work performed, which is beyond the 19-month Task Order schedule.
- D. Technical support required for answering User questions.
- E. This task order does not include services for broader promotional outreach regarding the project as those tasks are covered under the Garrison Diversion Communications Task Order.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

- 1. Interim Deliverable Review Requirements. The Owner commits to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer.
- 2. Review comments will be provided by the Owner either electronically in the native Word file in Track Changes Mode or they will be summarized in an MS Excel worksheet or MS Word document.

IX. FEE

The total fee for Basic Services and Special Services provided under this Task Order is estimated to be One Million One Hundred Eighty-Two Thousand Eight Hundred Eighty-One Dollars (\$1,182,881). Worksheets showing the fee estimate and level of effort by task are included in Attachment A.

X. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by June 30, 2027.

XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

- 1. Standard Form of Agreement between Garrison Diversion and Engineer for Professional Services dated January 17, 2008, is incorporated by reference.
- 2. Attachment A – Fee Estimate Worksheets

XII. ACCEPTANCE

If this satisfactorily sets forth your understanding of this Task Order, please electronically sign this document. An electronic copy of the fully executed document will be provided upon execution by all parties.

By: _____
Duane DeKrey, General Manager
Garrison Diversion Conservancy District

By: _____
Paul Boersma, Vice President
Black & Veatch Corporation

Dated: _____

Dated: _____

DRAFT

ATTACHMENT A

Fee Estimate Worksheets



Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 RRVWSP TO 9610 - 2025-27 Biennium User Outreach and Financial Modeling Support
 BV Project No. TBD
 Burian & Associates

Task	Lead Firm	Task Description	Position	Burian	Stauss	Mowat	Kelly	Hall/Vasconcelos/Teason	Labor Detail	Labor Cost	Expense Detail	Total Expense	Burian Level of Effort (hrs)	Burian Labor Cost	Direct Expense	TOTAL	TOTAL					
IV. BASIC SERVICES																						
1 Task Order Management and Administration																						
A	BV	General Project Management (19 months)		57	38		38			\$51,825	\$0	\$0	213	\$51,825	\$0	\$51,825						
B	BV	Host Monthly User Engagement Conference Calls/Meetings (40)		40	40					\$20,000		\$0	80	\$20,000	\$0	\$20,000						
2 Coordination w/ GDCD/LAWA Boards and Committees																						
A	BA/AE2S	Financial Advisory Committee (FAC) (estimated 10 meetings)		60						\$17,700	\$1,269	\$1,269	60	\$17,700	\$1,269	\$18,969						
B	BA/AE2S	Technical Advisory Committee (TAC) (estimated 10 meetings)		60		80				\$31,300	\$1,269	\$1,269	140	\$31,300	\$1,269	\$32,569						
D	BA/AE2S	User Outreach for LAWA Board (estimated 10 meetings)		55						\$16,225	\$1,269	\$1,269	55	\$16,225	\$1,269	\$17,494						
E	BA/AE2S	User Outreach Updates to Quarterly GDCD Board (estimated 6 meetings)		48						\$14,160	\$1,088	\$1,088	48	\$14,160	\$1,088	\$15,248						
3 Communication/Outreach with MOC Signers																						
A	BA	Update and Maintain User Database for Record of Communications		10	80					\$19,203		\$0	90	\$19,203	\$0	\$19,203						
B	BA	Bi-monthly Project User Communications (10)		20	40			160		\$44,900		\$0	260	\$44,900	\$0	\$44,900						
C	BA	Followup User Meetings for MOC signatories (6 est.)		60	60	48		96		\$52,560	\$761	\$761	264	\$52,560	\$761	\$53,321						
4 Meetings with Individual MOC Signatories in Support of the Water Distribution Contract																						
A	BA	Initial User Meeting to Present Water Distribution Contract (estimated 8)		64	32	32		128		\$50,080	\$1,450	\$1,450	256	\$50,080	\$1,450	\$51,530						
B	BA	Follow-up Meeting for Water Distribution Contract (8)		64	32	32		128		\$50,080	\$1,450	\$1,450	256	\$50,080	\$1,450	\$51,530						
C	BA	Final User Meetings (estimated 8)		64	32	32		128		\$50,080	\$1,440	\$1,440	256	\$50,080	\$1,440	\$51,520						
D	BA	Engage Non-MOC Potential Users		64	32	48		128		\$52,800	\$1,440	\$1,440	272	\$52,800	\$1,440	\$54,240						
E	BA	Support Users with Developing Cooperative Agreements		63	28	28				\$29,085	\$1,260	\$1,260	147	\$29,085	\$1,260	\$30,345						
5 Refined Financial Modeling																						
A	AE2S	Financial Model Updates		20						\$5,900		\$0	20	\$5,900	\$0	\$5,900						
B	AE2S	Cost Allocation Model Update		20						\$5,900		\$0	20	\$5,900	\$0	\$5,900						
C	AE2S	Alternative Cost Allocation Model Development		20						\$5,900		\$0	20	\$5,900	\$0	\$5,900						
D	AE2S	Finalize Project Ops, Maint., Admin., and Reserve (OMAR Assumptions)		30		70				\$20,750		\$0	100	\$20,750	\$0	\$20,750						
E	AE2S	Water Distro Contract Financial Exhibits Development		20						\$5,900		\$0	20	\$5,900	\$0	\$5,900						
Total for Basic Services													839	414	410	38	768	2,497	\$524,348	\$13,700	\$13,700	\$538,048
PROJECT TOTALS													839	414	410	38	768	2,497	\$524,348	\$13,700	\$13,700	\$538,048



Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 RRVWSP TO 9610 - 2025-27 Biennium User Outreach and Financial Modeling Support
 BV Project No. TBD
 AE2S

Task	Lead	Task Description	Position						Labor Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
			ENG8	ENG7	ENG4	ENG3	PM3	AE2S Level of Effort (hrs)							
IV. BASIC SERVICES															
1 Task Order Management and Administration															
A	BV	General Project Management (19 months)	94	30	24	6	0	154	\$0	\$43,742	\$0	\$0	\$0	\$43,742	
B	BV	Host Monthly User Engagement Conference Calls/Meetings (40)	54	18	18	6		96		\$26,646		\$0	\$0	\$26,646	
			40	12	6			58		\$17,096		\$0	\$0	\$17,096	
2 Coordination w/ GDCD/LAWA Boards and Committees															
A	BA/AE2S	Financial Advisory Committee (FAC) (estimated 10 meetings)	180	36	18	48	6	288	\$12,500	\$76,038	\$12,500	\$0	\$12,500	\$88,538	
B	BA/AE2S	Technical Advisory Committee (TAC) (estimated 10 meetings)	40	36	18	24		118	\$2,500	\$28,040	\$2,500	\$0	\$2,500	\$30,540	
D	BA/AE2S	User Outreach for LAWA Board (estimated 10 meetings)	40			24	6	70	\$2,500	\$16,298	\$2,500	\$0	\$2,500	\$18,798	
E	BA/AE2S	User Outreach Updates to Quarterly GDCD Board (estimated 6 meetings)	50					50	\$2,500	\$15,850	\$2,500	\$0	\$2,500	\$18,350	
3 Communication/Outreach with MOC Signers															
A	BA	Update and Maintain User Database for Record of Communications	58	0	0	0	0	58	\$0	\$18,386	\$0	\$0	\$0	\$18,386	
B	BA	Bi-monthly Project User Communications (10)	4					4		\$1,268		\$0	\$0	\$1,268	
C	BA	Followup User Meetings for MOC signatories (6 est.)	36					36		\$5,706		\$0	\$0	\$5,706	
4 Meetings with Individual MOC Signatories in Support of the Water Distribution Contract															
A	BA	Initial User Meeting to Present Water Distribution Contract (estimated 8)	253	85	0	34	0	372	\$0	\$103,253	\$0	\$0	\$0	\$103,253	
B	BA	Follow-up Meeting for Water Distribution Contract (8)	50	25	10			85		\$22,630		\$0	\$0	\$22,630	
C	BA	Final User Meetings (estimated 8)	75	16	10			101		\$28,431		\$0	\$0	\$28,431	
D	BA	Engage Non-MOC Potential Users	50	16	10			76		\$20,506		\$0	\$0	\$20,506	
E	BA	Support Users with Developing Cooperative Agreements	70	20	4			94		\$27,262		\$0	\$0	\$27,262	
5 Refined Financial Modeling															
A	AE2S	Financial Model Updates	136	424	248	0	0	808	\$5,000	\$208,648	\$5,000	\$0	\$5,000	\$213,648	
B	AE2S	Cost Allocation Model Update	40	200	80			320		\$81,000		\$0	\$0	\$81,000	
C	AE2S	Alternative Cost Allocation Model Development	8	24	24			56		\$14,536		\$0	\$0	\$14,536	
D	AE2S	Finalize Project Ops, Maint., Admin., and Reserve (OMAR Assumptions)	8	60	24			92		\$23,032		\$0	\$0	\$23,032	
E	AE2S	Water Distro Contract Financial Exhibits Development	40	40	80			160		\$43,240		\$0	\$0	\$43,240	
0	0		40	100	40			180		\$46,840		\$0	\$0	\$46,840	
8 Continued Outreach for New MOC's															
A	ALL	Outreach to potential MOC Signers	0	0	0	0	0	0	\$5,000	\$0	\$5,000	\$0	\$5,000	\$5,000	
B	ALL	Support User Co-op Agreement Development (7 Anticipated)	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	
Total for Basic Services			721	575	290	88	6	1,680	\$17,500	\$450,067	\$17,500	\$17,500	\$17,500	\$467,567	
PROJECT TOTALS			721	575	290	88	6	1,680	\$17,500	\$450,067	\$17,500	\$17,500	\$17,500	\$467,567	

**Black & Veatch Corporation**

Professional Services for the Red River Valley Water Supply Project under General Agreement dated January 17, 2008 and Amendment No. 1 dated April 1, 2024.

RRVWSP Task Order 1520 – Operational Planning Phase 3, Amendment No. 2

Funding Source: 2023-2025 Biennium State Funding; Series D1 Local Funding

Effective Date: January 1, 2026

I. PROJECT AND TASK ORDER BACKGROUND

1. Phases 1 and 2 of Operational Planning were completed under previous task orders and the results have previously been reported.
2. Phase 3 of Operational Planning was initiated under this Task Order 1520. The original scope was for continued development of the following:
 - A. Lake Audubon and McClusky Canal refreshing strategies,
 - B. Developing James River alternative usage options,
 - C. Updating Eastern North Dakota Alternate Water Supply (ENDAWS) water management strategies,
 - D. Providing support to the U.S. Army Corp of Engineers (USACE) for their Water Control Manual (WCM) update and the 2020 North Dakota Department of Game and Fish (NDG&F) bathymetric survey,
 - E. Assisting North Dakota Department of Water Resources (NDDWR) responses to Lake Ashtabula operational questions, and
 - F. Initiating a Water Accounting Model based on the USACE WCM update outcomes and incorporating the 2020 NDG&F bathymetric survey.
3. Operational Planning Phase 3, Amendment No. 1. A previous amendment was executed to provide Garrison Diversion and LAWA ongoing operational support, review responses from NDDWR and USACE, complete required NDPDES reporting requirements, and support additional User Outreach Support.
4. Operational Planning Phase 3, Amendment No. 2. Going forward, LAWA and Garrison Diversion will each take a role in setting direction for operational planning. The allocation of roles and responsibilities for operations planning is on-going and will be worked out over the next few months. In the meantime, additional work has been completed as described below

and this amendment is to provide for completion of the Phase 3 Operational Planning scope of work.

II. TASK ORDER SCOPE

1. Portions of the original Phase 3 scope and Amendment No. 1 were used for additional requested tasks such as:
 - A. Responding to questions from Precision Water Resources Engineering (PWRE) regarding StateMOD assumptions and performing new model runs,
 - B. Reviewing the methodology by which future user demands were determined,
 - C. Supporting other Project questions posed by the City of Fargo and the City of Grand Forks,
 - D. Preparing for and participating in a December 2025 user meeting, and
 - E. Assessing how changes in Red Lake River flows may impact StateMOD-assumptions.

These efforts diverted money from the completion of the Phase 3 Operational Plan, which still needs to be completed. With this Amendment No. 2, the Phase 3 Operational Plan will be completed and a report will be delivered to Garrison Diversion and LAWA.

V. FEE

The total fee for Basic Services and Special Services provided under this task order amendment is estimated to be Ninety-Four Thousand Two Hundred Forty-Two Dollars (\$94,242). The revised upper limit of the task order then becomes Seven Hundred Twelve Thousand Two Hundred Seventy-Two Dollars (\$712,272).

VI. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by June 30, 2026.

VII. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

1. Standard Form of Agreement between Garrison Diversion and Engineer for Professional Services dated January 17, 2008, and Amendment No. 1 dated April 1, 2024, are incorporated by reference.

VIII. ACCEPTANCE

If this satisfactorily sets forth your understanding of this task order amendment, please electronically sign this document. An electronic copy of the fully executed document will be provided upon execution by all parties.

By: _____
Duane DeKrey, General Manager
Garrison Diversion Conservancy District

By: _____
Paul Boersma, Vice President
Black & Veatch Corporation

Dated: _____

Dated: _____

DRAFT

Attachment A – Fee Estimate Worksheets

DRAFT



Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 RRVWSP TO 1520 - Operational Planning Phase 3, Amendment No. 2
 BV Project No. 418831
 Burian & Associates

Task	Lead Firm	Task Description	Position					Burian Level of Effort (hrs)	TOTAL	Expense Detail	Labor Detail	Labor Cost	Travel	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	
			Burian	Stauss	Mowat	Kelly	Hall/Vasconcelos/Teason													
IV. BASIC SERVICES																				
1		COMPLETION OF PHASE 3 OPERATIONS PLAN	20	0	120	2	278				\$68,380	\$885								
A	BA	Completion of Phase 3 Operations Plan	20		120	2	278				\$68,380	\$885								
Total for Basic Services			20	0	120	2	278				\$68,380	\$885								
PROJECT TOTALS			20	0	120	2	278				\$68,380	\$885								
															\$68,380	\$885				\$69,265
															\$68,380	\$885				\$69,265
															\$68,380	\$885				\$69,265
															\$68,380	\$885				\$69,265



Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 RRVWSP TO 1520 - Operational Planning Phase 3, Amendment No. 2
 BV Project No. 418831
 Wilson Water Group

Task	Lead Firm	Position	Labor Detail	Labor Detail	Expense Detail	Total Expense	WWG Level of Effort (hrs)	WWG Labor Cost	Direct Expense	TOTAL	TOTAL
IV. BASIC SERVICES											
1						\$1,200	84	\$15,120	\$1,200	\$16,320	\$16,320
A	BA	Completion of Phase 3 Operations Plan		\$15,120	\$1,200	\$1,200	84	\$15,120	\$1,200	\$16,320	\$16,320
Total for Basic Services			84	\$15,120	\$1,200	\$1,200	84	\$15,120	\$1,200	\$16,320	\$16,320
PROJECT TOTALS			84	\$15,120	\$1,200	\$1,200	84	\$15,120	\$1,200	\$16,320	\$16,320



Black & Veatch Corporation

Professional Services for the Red River Valley Water Supply Project
Under General Agreement dated January 17, 2008

RRVWSP Task Order 1620 – Operational Planning Phase 4A, Part A

Funding Source – 2025-2027 Biennium State Funding; Series F Local Funding

Effective Date – January 1, 2026

Content of this Task Order (TO) is as follows:

- I. PROJECT AND TASK ORDER BACKGROUND 1
- II. TASK ORDER OBJECTIVES..... 2
- III. GENERAL REQUIREMENTS..... 2
- IV. BASIC SERVICES 2
- V. SPECIAL SERVICES..... 4
- VI. DELIVERABLES 4
- VII. ADDITIONAL SERVICES 5
- VIII. SPECIAL RESPONSIBILITIES OF OWNER..... 5
- IX. FEE..... 5
- X. PERFORMANCE SCHEDULE..... 5
- XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS..... 5
- XII. ACCEPTANCE 6

I. PROJECT AND TASK ORDER BACKGROUND

- 1. A Draft Operational Plan was developed in 2009 and 2010 for the Federal RRVWSP under Task Order RR-4. Over the past three biennia, Phase 1, Phase 2, and Phase 3 draft operational plans were developed to support the State-led version of the RRVWSP.
- 2. The complexity and magnitude of the RRVWSP, along with the extended duration of design and construction, prompted a phased approach to operational and asset management planning.
 - A. Phase 1 of operational and asset management planning focused on the development of frameworks to support the effective and efficient development of Operational and Asset Management Plans.
 - B. Phase 2 of operational planning focused on the development of protocols for governance structure, drought monitoring, and water requests for Direct Pipeline Users (DPU) and Direct River Users (DRU). Source-water stability and quality were evaluated,

and water management strategies were developed for utilizing ENDAWS as a secondary water source. Initial water accounting tools were created, and a predictive management system roadmap was established following the completion of in-depth analysis of monitoring triggers.

- C. Phase 3 operational planning reviewed project goals and assumptions to outline remaining Project phases. The phase included monitoring and providing input on the Lake Traverse Water Control Manual Update and the Baldhill Dam/Lake Ashtabula Water Control Manual Update Decision Document by USACE. It also included evaluation of the benefits and uncertainties of providing water to RRVWSP users along the James River via surface water conveyance on the James River instead of pipeline conveyance. The annual review and certification were completed for aquatic invasive species (AIS) for the North Dakota Department of Environmental Quality (NDDEQ) under the North Dakota Pollutant Discharge Elimination System the (NDPDES) Permit. The StateMOD model was updated based on requested Fargo alternate return flows and bypasses as well as new Memorandum of Commitment nominations and points of service. Phase 3 also documented and summarized the transition from past Phase 2 efforts to future Phase 4 efforts.
3. In the past, Garrison Diversion has led operational planning. Going forward, the Lake Agassiz Water Authority (LAWA) will be an essential part of operational planning. The North Dakota Department of Water Resources (DWR) will also play a critical role in operational planning.

II. TASK ORDER OBJECTIVE

1. As Garrison Diversion, LAWA, and DWR develop a new model for operational planning, the objective of the Operational Planning Phase 4A Task Order will be to help these entities understand and prioritize the operational questions that most need to be answered to support the planned Water Supply and Water Delivery Contracts. It is expected to cover the period from January 1, 2026 to June 30, 2026. After the operational questions and issues are established and prioritized, an Operational Planning Phase 4B Task Order will be developed to provide additional technical information and analysis as requested.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008, (Agreement) and Amendment No. 1 dated April 1, 2024.

IV. BASIC SERVICES

The Basic Services of this Task Order are provided below in the following tasks:

- Task 1 – Preparation for and Conducting an Operational Planning Meeting

- Task 2 – Preparation for and Completion of Technical Advisory Committee (TAC) meetings
 - Task 3 – Operational Planning – Phase 4B Planning
1. **Task 1 – Preparation for and Conducting an Operational Planning Meeting.** As Garrison Diversion, LAWA, and DWR seek to define a new model for operations planning, an operational issues summary is needed that captures the operational issues that need to be resolved in the coming biennium and for the Water Supply and Delivery Contracts. The following is an initial list of those issues:
- New Sedimentation Data for Lake Ashtabula
 - New USACE Decision Document for Lake Ashtabula operations
 - If more certainty with USACE regarding releases is needed
 - Updated Nominations from Users who have signed the Memorandum of Commitment (MOC)
 - Updated Points of Service from Users who have signed the MOC
 - Potentially Revised Fargo Returns and Red River Bypass
 - Existing assumptions for instream flow and what assumptions are to be made going forward
 - USACE Evaluation and Interpretation of Red Lakes River Flows Available During Drought
 - Planned update of the Red Lakes Dam/Red Lakes Water Control Manual
 - Transit Losses for TA Water
 - Final nominations from Grand Forks

Garrison Diversion, LAWA and the DWR have various levels of understanding of these issues, and the various parties have different understandings of how they should be addressed in the future. The objective of this task is to provide a factual basis for each issue by summarizing the issue, its implication for the project, and potential points of disagreement on how the issues should be addressed. This task includes scope for:

- A. A summary of each operational issue will be developed that provides technical context for the decision makers to understand the issue and potential points of disagreement. The summary is expected to be a PowerPoint Presentation.
- B. Preparing for and participating in a meeting with Garrison Diversion, LAWA, and the DWR to present and discuss each issue summarized above. It is expected there will be an in person workshop to review and discuss each item listed above
- C. Summarizing comments and points of agreement/disagreement in the meeting and helping all parties develop an action plan for addressing the issues. An operational summary technical memorandum will be prepared that summarizes points of agreement and options for moving each issue to resolution.

2. **Task 2 - Preparation for and Completion of TAC Meetings.** The TAC will provide primary technical guidance for future operational planning. The scope provides for three TAC meetings.
 - A. TAC Meeting 1 – Brief the TAC on the status of the infrastructure operational design questions for the intake, pumping stations, and biota water treatment plant (BWTP). This briefing will help the TAC formulate guidance for how to proceed with infrastructure final design.
 - B. TAC Meeting 2 – Brief the TAC on the status of the outcomes for operational issues discussed in Task 2 so the TAC can formulate guidance on how to proceed with addressing final operational questions.
 - C. TAC Meeting 3 – Review of the BWTP final design task order and review of the Operational Planning Phase 4 Part B task order.
3. **Task 3 – Phase 4B Operational Planning.** A scope for Phase 4 Part B Operational Planning will be developed and then finalized after review by Garrison Diversion, LAWA, and DWR. The task includes the effort needed to meet with the respective entities to determine the technical support that will be needed for the rest of the biennium.

V. SPECIAL SERVICES

There are no Special Services anticipated within this Task Order.

VI. DELIVERABLES

The following deliverables will be furnished under this Task Order. Documents or deliverables not included in the list below will be provided as Additional Services as authorized by the Owner. Unless noted otherwise, deliverables will be in the form of electronic pdf files.

- Task 1 deliverables are:
 - Tabular summary of operational priorities to be considered by Garrison Diversion, LAWA, and DWR
 - Power Point presentation summarizing operational issues
 - Technical memorandum summarizing the joint workshop's points of agreement and options for moving each issue to resolution
- Task 2 deliverables are:
 - Agendas and presentation materials for three TAC meetings
- Task 3 deliverable is the Phase 4 Part B scope and budget

VII. ADDITIONAL SERVICES

1. The professional services listed below are not included in the scope of this Task Order nor does the fee shown in Article IX include any labor and direct expenses for items identified as Additional Services. Should Owner want to include services listed under Additional Services in Engineer's scope of work, an amendment to this Task Order or execution of a separate Task Order with the new work will be necessary. The following items are specifically excluded from Basic and Special Services:
 - A. Support of meetings with project Users as those services are covered under a separate task order.
 - B. Completing additional StateMOD runs as that work is expected to be completed under Operational Planning Phase 4B.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. The Owner commits to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer.
2. Review comments will be provided by the Owner either electronically in the native Word file in Track Changes Mode or they will be summarized in an MS Excel worksheet or MS Word document.

IX. FEE

The total fee for Basic Services and Special Services provided under this Task Order is estimated to be One Hundred Sixty-Six Thousand Dollars (\$166,000). A worksheet showing the fee estimate and level of effort by task is included in Attachment A.

X. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by June 30, 2026.

XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

1. Standard Form of Agreement between Garrison Diversion and Engineer for Professional Services dated January 17, 2008, and Amendment No. 1 dated April 1, 2024, is incorporated by reference.
2. Attachment A – Fee Estimate Worksheets

XII. ACCEPTANCE

If this satisfactorily sets forth your understanding of our Task Order agreement, please print and sign this document. You should retain one copy for your files and return an electronic copy via email to Paul Boersma (BoersmaPM@BV.com) with Black & Veatch Corporation.

By: _____
Duane DeKrey, General Manager
Garrison Diversion Conservancy District

By: _____
Paul Boersma, Vice President
Black & Veatch Corporation

Dated: _____

Dated: _____

DRAFT

Attachment A – Fee Estimate Worksheets

DRAFT



Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 RRVWSP TO 1620 - Operational Planning Phase 4, Part A
 BV Project No. TBD
 Burian & Associates

Task	Lead FM	Position	Burian	Stauss	Mowat	Kelly	Hall/Vasconcelos/Teason	Labor Detail	Labor Detail	Expense Detail	TOTAL	Burian Labor Cost	Direct Expense	TOTAL	Fee
			Burian Level of Effort (hrs)	Labor Cost	Travel	Total Expense	Burian Level of Effort (hrs)	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
IV. BASIC SERVICES															
1		PREPARATION FOR AND CONDUCTING AN OPERATIONAL PLANNING MEETING	39	0	76	3	48	166	\$32,195	\$504	\$504	\$32,195	\$504	\$32,699	
A	BV	Summary of Operational Issues	15		32	1	16	64	\$12,455	\$127	\$127	\$12,455	\$127	\$12,582	
B	BV	Preparing for and Participation in a Garrison, LAWA, and DWR Meeting	16		20	1	16	53	\$10,710	\$377	\$377	\$10,710	\$377	\$11,087	
C	BV	Meeting Summary and Technical Memorandum	8		24	1	16	49	\$9,030	\$0	\$0	\$9,030	\$0	\$9,030	
2		PREPARATION FOR AND COMPLETION OF TAC MEETINGS	42	0	32	2	32	108	\$23,010	\$381	\$381	\$23,010	\$381	\$23,391	
A	BV	TAC Meeting #1 - Infrastructure Operational Design	14			1		15	\$4,320	\$127	\$127	\$4,320	\$127	\$4,447	
B	BV	TAC Meeting #2 - Status of Water Management Operations	14		16	1	32	63	\$11,840	\$127	\$127	\$11,840	\$127	\$11,967	
C	BV	TAC Meeting #3 - Presentation of BW/TP and Operations Phase 4B TOs	14		16			30	\$6,850	\$127	\$127	\$6,850	\$127	\$6,977	
3		OPERATIONAL PLANNING - PHASE 4B PLANNING	27	0	45	2	0	74	\$15,995	\$0	\$0	\$15,995	\$0	\$15,995	
A	BV	Planning for Phase 4B	27		45	2		74	\$15,995	\$0	\$0	\$15,995	\$0	\$15,995	
Total for Basic Services			108	0	153	7	80	348	\$71,200	\$885	\$885	\$71,200	\$885	\$72,085	
PROJECT TOTALS			108	0	153	7	80	348	\$71,200	\$885	\$885	\$71,200	\$885	\$72,085	



Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 RRVWSP TO 1620 - Operational Planning Phase 4, Part A
 BV Project No. TBD
 Wilson Water Group

Task	Lead Firm	Position	Labor Detail	Labor Cost	Expense Detail	Total Expense	WWG Level of Effort (hrs)	Labor Detail	Labor Cost	Travel	Total Expense	WWG Level of Effort (hrs)	WWG Labor Cost	Direct Expense	Fee	TOTAL	TOTAL	TOTAL
IV. BASIC SERVICES																		
1			76	\$13,680	\$1,200	\$1,200	76	\$13,680	\$1,200	\$1,200	\$1,200	76	\$13,680	\$1,200	\$14,880			
			24	\$4,320		\$0	24	\$4,320			\$0	24	\$4,320	\$0	\$4,320			
			40	\$7,200	\$1,200	\$1,200	40	\$7,200	\$1,200		\$1,200	40	\$7,200	\$1,200	\$8,400			
			12	\$2,160		\$0	12	\$2,160			\$0	12	\$2,160	\$0	\$2,160			
2			8	\$1,440	\$0	\$0	8	\$1,440	\$0	\$0	\$0	8	\$1,440	\$0	\$1,440			
			0	\$0		\$0	0	\$0			\$0	0	\$0	\$0	\$0			
			8	\$1,440		\$0	8	\$1,440			\$0	8	\$1,440	\$0	\$1,440			
			0	\$0		\$0	0	\$0			\$0	0	\$0	\$0	\$0			
3			16	\$2,880	\$0	\$0	16	\$2,880	\$0	\$0	\$0	16	\$2,880	\$0	\$2,880			
			16	\$2,880		\$0	16	\$2,880			\$0	16	\$2,880	\$0	\$2,880			
			100	\$18,000	\$1,200	\$1,200	100	\$18,000	\$1,200	\$1,200	\$1,200	100	\$18,000	\$1,200	\$19,200			
			100	\$18,000	\$1,200	\$1,200	100	\$18,000	\$1,200	\$1,200	\$1,200	100	\$18,000	\$1,200	\$19,200			
PROJECT TOTALS																		



Executive Director Job Description

Job Summary:

The Executive Director serves as the chief executive and administrative officer of the Lake Agassiz Water Authority (LAWA) and is accountable to the LAWA Board of Directors (Board) and its subcommittees, Technical Advisory Committee (TAC) and Financial Advisory Committee (FAC). The Executive Director is responsible for providing strategic leadership; managing the LAWA operations, finances, and external relationships; coordinating with project partners and regulatory agencies; and maintaining strong, transparent relationships with member entities.

The Executive Director leads the LAWA's administration in advancing regional water supply goals and objectives, overseeing long-term planning and project development, and ensuring alignment among diverse stakeholders while carrying out the policies and direction established by the Board.

This position requires a collaborative leader capable of navigating complex regional partnerships, public-sector governance, infrastructure development, and intergovernmental coordination.

The LAWA is a political subdivision of the State of North Dakota. The LAWA Executive Director is appointed by the Board.

Essential Duties and Responsibilities:

1. Organizational Leadership and Governance

- Serve as the primary advisor to the Board, TAC and FAC, providing professional guidance, analysis, and recommendations on policy, strategy, operations, and long-range planning. Implement Board-adopted policies and ensure that LAWA operates in compliance with its bylaws, member agreements, and applicable laws and regulations.
- Lead the development and execution of organizational goals, objectives, and performance measures aligned with LAWA's mission and regional water supply needs.



- Establish and maintain effective internal controls, administrative systems, and management practices to ensure accountability and transparency.
 - Recruit, supervise, and evaluate LAWA staff and consultants as applicable, fostering a culture of professionalism, collaboration, and safety.
2. Project Partner Coordination and Regional Collaboration
- Serve as LAWA's primary point of coordination with project partners, including member entities, engineering firms, contractors, and state and federal agencies.
 - Lead and coordinate planning, development, and implementation of regional water supply projects, ensuring alignment among participating partners and stakeholders.
 - Represent LAWA in interactions with state and federal agencies, including legislative committees, regulatory bodies, and funding organizations, to advance project approvals and secure financial support.
 - Facilitate communication and cooperation among partners to resolve technical, financial, and governance issues associated with large-scale regional projects.
 - Oversee the preparation and delivery of project-related presentations, reports, and briefings to partner boards, agencies, and legislative bodies as required.
3. Member Relations and Stakeholder Engagement
- Build and maintain strong, trust-based relationships with LAWA member entities, including elected officials, board representatives, and senior staff.
 - Serve as the primary liaison between LAWA and its members, ensuring timely, accurate, and transparent communication regarding projects, finances, schedules, and policy matters.
 - Attend and participate in member entity meetings as appropriate to support coordination, address concerns, and strengthen regional collaboration.



- Develop and implement strategies to enhance member engagement, collaboration, and alignment with LAWA objectives.
- Address member questions, issues, and complaints in a proactive and constructive manner to ensure effective service and long-term confidence in LAWA.

4. Financial Management and Administration

- Direct the development, review, and administration of LAWA's annual operating and capital budgets, and recommend budgets to the Board for approval.
- Monitor financial performance, cash flow, and expenditures, ensuring alignment with approved budgets and long-term financial plans.
- Coordinate with auditors, financial advisors, and legal counsel on audits, financing, bonding, and compliance matters.
- Oversee grant applications, funding agreements, and reporting requirements related to state and federal funding sources.

5. Planning, Compliance, and Public Representation

- Lead long-range planning efforts related to capital improvements, system development, and regional water supply needs.
- Ensure compliance with applicable local, state, and federal laws, regulations, permits, and contractual obligations.
- Serve as the public spokesperson for LAWA, representing LAWA through public meetings, media interactions, legislative testimony, and community outreach as appropriate.
- Promote understanding of LAWA's mission, projects, and regional value among stakeholders and the general public.



Minimum Qualifications:

1. Bachelor's degree in public administration, engineering, business administration, natural resources, or a related field; advanced degree preferred.
2. Significant senior-level experience in public-sector management, regional authorities, utilities, infrastructure development, or intergovernmental organizations.
3. Demonstrated experience working with governing boards and committees, multiple member entities, and complex stakeholder groups.
4. Strong leadership, communication, negotiation, and consensus-building skills.
5. Knowledge of water systems, infrastructure finance, regulatory environments, and regional collaboration models is highly desirable.
6. A valid driver's license is also required.

Reporting Relationship:

The Executive Director reports directly to the Lake Agassiz Water Authority Board of Directors.

Compensation:

Salary range of \$145,226 - \$188,760 depending on relevant education and experience.

Physical Demands & Working Conditions:

Most work is performed in a normal office environment. Work is generally light with considerable variety. Daily work often involves moving between buildings and rooms. Regular driving is required to attend meetings. There is considerable attention required to detail and deadlines.



Activities include fingering, grasping, talking, hearing/listening, seeing/observing, repetitive motions. Work is sedentary: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects including the human body. Sedentary work involves sitting most of the time.

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First 12–24 Month Priorities:

During the first one to two years, the Executive Director will be expected to focus on establishing strong leadership, advancing regional coordination, and positioning the Lake Agassiz Water Authority (LAWA) for long-term success. Key priorities include:

1. Board Alignment and Organizational Foundation

- Develop a strong working relationship with the Board, TAC and FAC ensuring clear communication, mutual trust, and a shared understanding of roles, responsibilities, and decision-making processes.
- Review governing documents, bylaws, member agreements, policies, and procedures, and recommend updates or refinements as appropriate to support effective governance and operations.
- Establish clear internal management practices, reporting structures, and performance expectations to support transparency and accountability.

2. Member Relations and Regional Cohesion

- Meet individually with each member entity to understand their priorities, concerns, and expectations related to LAWA's mission and projects.
- Establish consistent, predictable communication practices with members, including regular updates on project status, finances, schedules, and emerging issues.
- Strengthen collaboration and trust among diverse member entities by fostering a culture of regional partnership and shared purpose.

3. Project Coordination and Strategic Advancement

- Gain a comprehensive understanding of all current and planned LAWA projects, including technical, financial, regulatory, and governance considerations.
- Coordinate closely with project partners, engineers, legal counsel, contractors, and funding agencies to maintain alignment, manage risks, and advance project milestones.
- Identify potential challenges or decision points early and provide clear, timely recommendations to the Board and member entities.

**4. Financial Oversight and Funding Strategy**

- Review LAWA's financial position, budgets, funding agreements, and long-term financial plans to ensure sustainability and alignment with project needs.
- Work with financial advisors and funding partners to position LAWA for future financing, grants, and legislative support as projects advance.
- Ensure strong financial controls, reporting practices, and audit processes are in place and clearly understood by the Board and members.

5. External Relations and Advocacy

- Establish and strengthen working relationships with state and federal agencies, legislative bodies, and other regional partners relevant to LAWA's mission.
- Serve as a credible and consistent spokesperson for LAWA, clearly communicating LAWA's goals, progress, and regional value to external stakeholders.
- Support legislative and regulatory engagement necessary to advance projects and protect the LAWA's long-term interests.

6. Long-Range Vision and Organizational Readiness

- Work with the Board, TAC, FAC and members to refine or affirm a long-range strategic vision for LAWA, including future system development, governance evolution, and regional role.
- Assess organizational capacity and resource needs as projects and responsibilities expand, and recommend appropriate staffing or consultant support when necessary.
- Lay the groundwork for sustained organizational effectiveness beyond the initial development phase.



2023 to 2025 Biennium Work Plan
February 10, 2026

(\$246 mil Total Funding: \$4.5M Federal; \$180M State; \$61.5M Local Users)

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2023-25 Bien ENDAWS Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
1.	Garrison Diversion Conservancy District Budget	Garrison Diversion's costs for the RRVWSP, including internal mgmt, admin, legal, communication, insurance advisory, misc., etc.	Series D	GDCC									
	Scope: Account for all costs for which Garrison Diversion is responsible not included in other Task Orders listed here.							\$ 1.00	\$ 0.75	\$ 0.25			
	Need: Budget allocation for GDCC direct costs associated with the Red River Valley Water Supply Project.												
2.	Property, Easements, and Crop Damage Payments⁴	Acquire easements in Sheridan and Wells County for 32-mi pipeline. Pay bonus payment to all easement holders. Acquire property for Biota WTP, Hydraulic Break Tanks, McClusky Canal Intake, and James River sites. Pay for crop damage.	Series D	RRVWSP				\$ 2.21	\$ 1.66	\$ 0.55			
	Scope: Costs to obtain easements and acquire property for associated facilities. Crop damage payments to landowners.				ENDAWS	\$ 0.49	\$ 0.37	\$ 0.12					
	Need: Secure land for installing future pipeline segments staying years ahead of pipeline design/construction needs. Purchase property on which to build all remaining facilities so property will be in hand before final design begins.				ENDAWS Facilities	\$ 2.00	\$ 1.50	\$ 0.50					
				Crp Dmg				\$ 0.78	\$ 0.59	\$ 0.20			
3.	Transmission Pipeline East Contract 5C	8± mi of 72" pl, including two 96" tunnels. Pipeline extends eastward from Contract 5B NE of Bordulac to a termination point just east of the James River.	Series D	Prof Svcs							\$ 5.64	\$ 4.23	\$ 1.41
	Scope: Pipeline installation, including construction phase engineering services by Engineer.				Jul-23								
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.				Nov-23						\$ 76.66	\$ 57.50	\$ 19.17
4.	Transmission Pipeline East Contract 5D	10± miles of 72" pl, including several 96" tunnels. Pipeline section extends westward from Contract 5A south of Carrington to a termination point south of Sykeston.	Series D	Prof Svcs							\$ 5.47	\$ 4.10	\$ 1.37
	Scope: Pipeline installation, including construction phase engineering services by Engineer.				Jul-23								
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.				Oct-23						\$ 59.38	\$ 44.53	\$ 14.84
5.	RRV Transmission Pipeline Contract 6A	6± mi of 72" pl, including several 96" tunnels. Pipeline section extends eastward from Contract 5C just east of the James River to a termination point southwest of Glenfield.	Series D	Prof Svcs							\$ 5.47	\$ 4.10	\$ 1.37
	Scope: Pipeline installation, including construction phase engineering services by Engineer.				Jul-23								
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.				Dec-24						\$ 52.53	\$ 39.40	\$ 13.13
6.	ENDAWS Transmission Pipeline Contract 3	11± mi of 72" pipeline, including 96" tunnels. Pipeline section extends west from the west end of Contract 4 to the Sheridan Wells County line.	Series D	ENDAWS									
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.				Aug-23	\$ 3.06	\$ 2.29	\$ 0.76					
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP/ENDAWS by the target end date.												
7.	Transmission Pipeline East Contracts 4A and 4B	27± mi of 72" pl, including several 96" tunnels. Pipeline extends from the west end of Contract 5D south of Sykeston west to a termination point NE of Hurdsfield at HBTs.	Series D	Prof Svcs									
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.				Feb-24				\$ 7.18	\$ 5.39	\$ 1.80		
	Need: Have the next pipeline section bid-ready when State funding becomes available (likely the 2025-27 biennium).												



2023 to 2025 Biennium Work Plan
 (\$246 mil Total Funding: \$4.5M Federal; \$180M State; \$61.5M Local Users)

February 10, 2026

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2023-25 Bien ENDAWS Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
8.	RRV Transmission Pipeline Contract 7	14± mi of 72" pipeline, including several 96" tunnels. Pipeline extends from the east end of Contract 6B to the outfall on the Sheyenne River southeast of Cooperstown.	Series D										
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.		Aug-23	Prof Svcs				\$ 2.93	\$ 2.19	\$ 0.73			
	Need: Have the next pipeline section bid-ready when State funding becomes available (likely the 2025-27 biennium).												
9.	McClusky Canal Intake and Pumping Station	Siting; passive intake screens, pumping station similar to MRI, and utility extension design can begin for new facility to be located near McClusky, ND.	Series D										
	Scope: Conceptual and preliminary design of an intake and pumping station at the McClusky Canal.		Feb-24	Prof Svcs	\$ 0.75	\$ 0.56	\$ 0.19						
	Need: Preliminary designs are necessary so site acquisition can begin and final design can commence when land is secured.												
10.	Biota Water Treatment Plant and Main Pumping Station	165-cfs biota WTP, with chlorine and UV disinfection to meet NDPDES permit and FEIS requirements per Reclamation. Chloramines for residual disinfectant in pipeline.	Series D										
	Scope: Conceptual and preliminary designs for a Biota WTP and Main Pumping Station, including hydraulic surge facility.		Feb-24	Prof Svcs	\$ 2.87	\$ 2.15	\$ 0.72						
	Need: Complete design to a point where land acquisition can begin and project can move into final design next biennium.												
11.	Hydraulic Break Tanks	Two 5 MG above-ground storage tanks and accessories, site piping and valves, monitoring, and utility extensions necessary for a new greenfield site.	Series D										
	Scope: Preliminary design of above-ground tanks and associated facilities at or near the continental divide.		Feb-24	Prof Svcs	\$ 0.37	\$ 0.28	\$ 0.09						
	Need: Complete design to a point where land acquisition can begin and project can move into final design next biennium.												
12.	PMIS Annual Licenses & Continued Maint/Upgrades	Vendor fees (e-Builder & DocuSign) for licenses of expanded team and consulting support for training of contractors/ subcontractors and workflow/report additions and modifications.	Series D										
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services.		Feb-24	Vend & Prof Svcs				\$ 0.50	\$ 0.37	\$ 0.12			
	Need: Create greater efficiency and documentation for voluminous amount of construction related documents.												
13.	Prg Mgmt to Support Larger Spend and Expanded Team	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	Series D										
	Scope: Overall program management, planning, budgeting, scheduling, and other support for Garrison Diversion.		Aug-23	Prof Svcs				\$ 0.65	\$ 0.49	\$ 0.16			
	Need: Consulting services of a broad programmatic nature not included under project-specific design or construction TOs.												
14.	Outreach, Png, and Design to Secure User Commitments	Size pipelines, pumping stations, channels, storage, etc. and other necessary infrastructure to deliver raw water to end users. Update capex to reflect current market.	Series D										
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments.		Aug-23	Prof Svcs				\$ 1.69	\$ 1.27	\$ 0.42			
	Need: Define pipeline extensions to identify for users how and a what cost water will be delivered to their communities.												



2023 to 2025 Biennium Work Plan

(\$246 mil Total Funding: \$4.5M Federal; \$180M State; \$61.5M Local Users)

February 10, 2026

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2023-25 Bien ENDAWS Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}			
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%	
15.	Operational Planning and Asset Management Phase 3	Refine details of diversions to/from Lake Ashtabula. Finalize stakeholder roles and responsibilities as it relates to system operation.	Feb-24	Prof Svcs				\$ 0.62	\$ 0.46	\$ 0.15				
	Scope: System modeling, evaluation, planning, and report development documenting results/findings/outcomes.													
	Need: Finalize Garrison Diversion, State Water Commission, and USACE roles for system operation.													
16.	Financial Planning Support	Update financial models; address state loan and financing program changes; end user funding, financing, and cost-share analyses; continued funding and finance outreach.	Aug-23	Prof Svcs	Series D			\$ 0.59	\$ 0.44	\$ 0.15				
	Scope: Continue to refine the financial model and provide scenarios as required to support users and the program.													
	Need: Accurate water bill estimates and affordability for customers are necessary to gain approval from users.													
17.	McClusky Canal Hydraulic & Water Quality Investigation	Evaluate canal improvements necessary to deliver flows. Develop operational plan to supply irrigators and ENDAWS/RRVWSP system while improving delivered water quality.	Apr-25	Prof Svcs	Series E		\$ 0.44	\$ 0.33	\$ 0.11					
	Scope: Study and report on operation of the McClusky Canal to reliably supply flow to irrigators and the ENDAWS project.													
	Need: The McClusky Canal and the Snake Creek Pumping Plant are critical components of the ENDAWS/RRVWSP system.													
18.	ENDAWS Facilities Site Development Contract 1	Access roads to proposed site of new Biota WTP, mass grading to prepare for structure construction, and temporary excavation support system for intake pumping station wetwell.	Apr-25	Prof Svcs	Series E		\$ 0.88	\$ 0.66	\$ 0.22					
	Scope: Final design and bidding assistance with partial execution of the construction work by GDCD.													
	Need: Provide site access for construction and ready site for substantial facilities construction beginning in 2028.													
19.	ENDAWS BWTP Piloting and Treatability Study	Pilot scale treatment train consisting of preliminary treatment, UV disinfection, chlorination, and residual chloramine treatment.	Apr-25	Prof Svcs	Series D			\$ -	\$ -	\$ 0.87	\$ 0.65	\$ 0.22		
	Scope: water treatment piloting of preliminarily selected treatment processes with a 3-month duration.													
	Need: Process demonstration necessary to make sure water quality treatment objectives can be met with selections.													
20.	ENDAWS Facilities Supplemental Geotechnical Invest.	Geotechnical borings; soil characterization, sampling and testing; and reporting to fully inform design team and contractors of on-site insitu soil characteristics.	Apr-25	Prof Svcs	Series E		\$ 0.89	\$ 0.66	\$ 0.22					
	Scope: Additional borings and soil sampling expanding upon the initial program implemented during preliminary design.													
	Need: More data needed to properly design foundations, structures, pavement, etc. for the new facilities.													
21.	ENDAWS Transmission Pipeline Contract 2	10± mi of 72" pipeline, including one 96" diameter tunnels. Pipeline extends from ND Highway 14 east to the connection point with Contract 3.	Apr-25	Prof Svcs	Series E		\$ 1.78	\$ 1.34	\$ 0.45					
	Scope: Final design (30% docs to 90% plans and specs).													
	Need: Have next pipeline section nearly ready so when Federal funding is secured/allocated design can quickly be completed and construction can proceed.													



2023 to 2025 Biennium Work Plan
 (\$246 mil Total Funding: \$4.5M Federal; \$180M State; \$61.5M Local Users)

February 10, 2026

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2023-25 Bien ENDAWS Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Development Budget (mil \$)			2023-25 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
22.	ENDAWS Transmission Pipeline Contract 1	11± mi of 72" pipeline, including uup to five 96" diameter tunnels. Pipeline extends from BWTP at McClusky Canal east to ND Highway 14 connection point with Contract 2.	Series E Apr-25	Prof Svcs	\$ 1.95	\$ 1.46	\$ 0.49						
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.												
	Need: Have next pipeline section bid-ready so when Federal funding is secured/allocated construction can proceed.												
23.	Contingency	<i>Budget flexibility to adapt to work plan changes and to pay for construction change orders typically running from 3 to 5% of original construction costs at bid time.</i>	Series D	RRVWSP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.30	\$ 4.72	\$ 1.57
	<i>Scope: A budget reserve for task order additions to professional services, construction, legal, real estate, etc. TOs.</i>												
	<i>Need: Address and pay for changes that are sure to occur.</i>												
TOTAL PROGRAM BUDGET					\$ 15.48	\$ 11.61	\$ 3.87	\$ 19.02	\$ 14.27	\$ 4.76	\$ 211.50	\$ 158.62	\$ 52.87

- Notes:**
1. Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
 2. Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
 3. Future capital costs are escalated to an anticipated midpoint of construction per Finance Team rates of 7, 6, 5, 5, and 3.5 percent per annum thereafter starting in 2022 with an anticipated 2032 finish. All future RRVWSP construction projects and costs are not shown.
 4. Land services costs are the amount likely to be paid for real estate, easements, including bonus payments, crop damage, and field obstructions. Estimates include pipeline easements required for the ENDAWS east/west pipeline and remaining easements from the beginning of the Contract 4 transmission main to the Sheyenne River Outfall, with most located in Wells County.
 5. Items appearing in blue bold are progressing with task orders and contracts issued to the engineering team and contractors, respectively. Items appearing in blue italics have been updated to reflect adjustments made for actual amounts contracted. Items shown in black text are pending. Items highlighted in yellow have changed from the previous version of the Work Plan.



2025 to 2027 Biennium Work Plan

February 10, 2026

(\$273.33M Total Funding: \$0.00 Federal; \$205.00M State; \$68.33M Local Users (Series F))

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2025-27 Bien ENDAWS Project Development Budget (mil \$)			2025-27 Biennium RRVWSP Project Development Budget (mil \$)			2025-27 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
1.	Garrison Diversion Conservancy District Budget	Garrison Diversion's costs for the RRVWSP.	--	GDCD				\$ 1.00	\$ 0.75	\$ 0.25			
	Scope: Account for all costs for which Garrison Diversion is responsible and not included in other Task Orders listed here.												
	Need: Budget allocation for GDCD direct costs associated with the Red River Valley Water Supply Project.												
2.	Property, Easements, and Crop Damage Payments⁴	Easements for Washburn transmission main. Pay for crop damages program wide.	--	Crp Dmg				\$ 1.82	\$ 1.37	\$ 0.46			
	Scope: Crop damage payments to landowners and easement costs.												
	Need: Treat landowners right and live up to commitments.												
3.	Red River Valley Transmission Pipeline Contract 6B	9.2± mi of 72" pl, including one 96" tunnel. Pipeline extends east from Contract 6A northeast of Kensal to a termination point southeast of Glenfield.	TO 5662 Dec-25	TO 5562 Prof Srvs							\$ 5.86	\$ 4.39	\$ 1.46
	Scope: Pipeline installation, including construction phase engineering services by Engineer.												
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.												
4.	Red River Valley Transmission Pipeline Contract 6C	8.4± miles of 72" pl, including three 96" tunnels. Pipeline section extends east from Ct 6B near Glenfield to a termination point south of Sutton.	TO 5662 Dec-25	TO 5563 Prof Srvs							\$ 6.20	\$ 4.65	\$ 1.55
	Scope: Pipeline installation, including construction phase engineering services by Engineer.												
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.												
5.	Red River Valley Transmission Pipeline Contract 7A	6.5± mi of 72" pl, including three 96" tunnels. Pl section extends east from Ct 6C near Sutton to a termination point south of Cooperstown.	TO 5662 Dec-25	TO 5571 Prof Srvs							\$ 5.67	\$ 4.25	\$ 1.42
	Scope: Pipeline installation, including construction phase engineering services by Engineer.												
	Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.												
6.	McClusky Facilities Final Design Services & Bidding Assist	165-cfs biota WTP, with chlorine and UV disinfection to meet NDPDES permit and FEIS requirements per Reclamation. Chloramines for residual disinfectant in pipeline.	TO 3310 Oct-25	Prof Srvs	\$ 15.00	\$ 11.25	\$ 3.75						
	Scope: Final designs for McClusky Intake Pumping Station, Biota WTP, and McClusky Main Pumping Station.												
	Need: Complete design so bids can be obtained for constructing the facilities.												
7.	MO River Pumping Sta, Trans Main, & Utilities Ext Ct 3	Raw water pumping station and transmission main from Missouri River Pumping Station to the City of Washburn water treatment plant.	TO 2340 Jan-27	Prof Srvs				\$ 0.40	\$ 0.30	\$ 0.10			
	Scope: Final design, construction, and construction phase services for pumping station and transmission pl for Washburn.												
	Need: Advance design, obtain bids, and construct new raw water supply for City of Washburn.												



2025 to 2027 Biennium Work Plan

(\$273.33M Total Funding: \$0.00 Federal; \$205.00M State; \$68.33M Local Users (Series F))

February 10, 2026

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2025-27 Bien ENDAWS Project Development Budget (mil \$)			2025-27 Biennium RRVWSP Project Development Budget (mil \$)			2025-27 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
8.	McClusky Facilities Wetwell Excavation & Site Dev Ct 1	Access road improvements from Highway 200 north to the future biota water treatment plant site. Mass excavation of site and excavation of intake ps shaft.	TO 2660	Prof Svcs									
	Scope: Construction and construction phase services for initial project at greenfield stie.		Jul-26						\$ 1.90	\$ 1.43	\$ 0.48		
	Need: Prepare site and ready it for future construction of the biota water treatment plant.		Jul-26						\$ 19.00	\$ 14.25	\$ 4.75		
9.	McClusky Facilities Intake, Tunnel, & Shaft Liner Ct 2	Passive intake screens/structure on the McClusky Canal along with a 72" tunnel to the shaft/pumping station wetwell. Concrete shaft liner inside circular shaft excavated under Ct 1.	TO 2360	Prof Svcs									
	Scope: Final design services and bidding assistance for second construction project at the facilities site.		Jul-26		\$ 2.00	\$ 1.50	\$ 0.50						
10.	McClusky Facilities Utility Extensions Design	Electrical system design to support a new power supply to the biota water treatment plant and associated ps along with the new ground storage reservoirs site.	TO 3320	Prof Svcs									
	Scope: Final design services and bidding assistance for power, natural gas, water utility extensions to the new sites.		Apr-26		\$ 1.50	\$ 1.13	\$ 0.38				\$ 3.00	\$ 2.25	\$ 0.75
11.	PMIS Annual Licenses & Continued Maint/Upgrades	Vendor fees (e-Builder & DocuSign) for licenses of expanded team and consulting support for training of GCs/subs and workflow/report additions and mods.	TO 1630	Prof Svcs									
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services.		Sep-25					\$ 0.69	\$ 0.52	\$ 0.17			
12.	Program Management Support	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	TO 1610	Prof Svcs									
	Scope: Overall program management, planning, budgeting, scheduling, and other support for Garrison Diversion.		Apr-26					\$ 0.75	\$ 0.56	\$ 0.19			
13.	Project Participation Agreement Support	Size pipelines, pumping stations, channels, storage, etc. and other necessary infrastructure to deliver raw water to end users. Update CapEx estimates to reflect market.	TO 9610	Prof Svcs									
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments.		Mar-26					\$ 2.00	\$ 1.50	\$ 0.50			
14.	Operational Planning Phase 4	Refine details of diversions to/from Lake Ashtabula. Finalize stakeholder roles and responsibilities as it relates to system operation.	TO 1620	Prof Svcs									
	Scope: System modeling, evaluation, planning, and report development documenting results/findings/outcomes.		Jul-26					\$ 1.50	\$ 1.13	\$ 0.38			
	Need: Finalize Garrison Diversion, State Water Commission, and USACE roles for system operation.												



2025 to 2027 Biennium Work Plan

(\$273.33M Total Funding: \$0.00 Federal; \$205.00M State; \$68.33M Local Users (Series F))

February 10, 2026

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2025-27 Bien ENDAWS Project Development Budget (mil \$)			2025-27 Biennium RRVWSP Project Development Budget (mil \$)			2025-27 Biennium RRVWSP Project Constr Budget (mil \$) ^{1,2,3}		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
15.	Financial Planning Support	Update financial models; address state loan and financing program changes; end user funding, financing, and cost-share analyses; continued funding and finance outreach.	TO 8610 Mar-26	Prof Svcs				\$ 0.60	\$ 0.45	\$ 0.15			
	Scope: Continue to refine the financial model and provide scenarios as required to support users and the program. Need: Accurate water bill estimates and affordability for customers are necessary to gain approval from users.												
16.	Contingency	Budget flexibility to adapt to work plan changes and to pay for construction change orders typically running from 3 to 5% of original construction costs at bid time.	N/A	GDCD	\$ 0.93	\$ 0.70	\$ 0.23	\$ 0.44	\$ 0.33	\$ 0.11	\$ 18.38	\$ 13.78	\$ 4.59
	Scope: A budget reserve for task order additions to professional services, construction, legal, real estate, etc. TOs. Need: Address and pay for changes that are sure to occur.												
TOTAL PROGRAM BUDGET					\$ 19.43	\$ 14.57	\$ 4.86	\$ 9.20	\$ 6.90	\$ 2.30	\$ 244.70	\$ 183.53	\$ 61.18

- Notes:**
1. Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
 2. Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
 3. Future capital costs are escalated to an anticipated midpoint of construction per Finance Team rates of 7, 6, 5, 5, and 3.5 percent per annum thereafter starting in 2022 with an anticipated 2032 finish. All future RRVWSP construction projects and costs are not shown.
 4. Land services costs are the amount likely to be paid for real estate, easements, including bonus payments, crop damages, and field obstructions. Estimates include pipeline easements required for the Washburn transmission main and remaining easements on pipeline Contracts 1 through 4 in Sheridan and Wells Counties.
 5. Items appearing in blue bold are progressing with task orders and contracts issued to the engineering team and contractors, respectively. Items appearing in blue italics have been updated to reflect adjustments made for actual amounts contracted. Items shown in black text are pending. Items highlighted in yellow have changed from the previous version of the Work Plan.



RRVWSP Task Order 1610 – 2025-27 Biennium Program Management Support Services

Task Order Effective Date: January 1, 2026

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Garrison Diversion must successfully manage projects exceeding \$400 million in value. Federal, State, and Local sources will fund these projects over the next three to four years. The State and Local (Series F) Program funds have been allocated during the current 2025-27 biennium. Federal funds will come from recent budget allocations through the Bureau of Reclamation.

This task order enables the consulting team to help Garrison Diversion maintain the programmatic budgets, biennium workplan and budget, program and project schedules, reporting, and risk management tools to enable Garrison Diversion and the Lake Agassiz Water Authority to responsibly manage the Red River Valley Water Supply Project and the Eastern North Dakota Alternate Water Supply Project. It will also enable the consulting team to provide board and committee support to both Garrison Diversion, the Lake Agassiz Water Authority, the Department of Water Resources, and the state Legislature.

As context, in the 2017-19 biennium, Garrison Diversion requested development of Program Management tools and processes. These tools included a master program schedule, a master program budget and cash flow, a program risk register, a program organizational structure, and more detailed program schedules and budgets for the next biennium. In the 2019-21 biennium, Garrison Diversion requested Black & Veatch continue to implement the previously developed tools. This work was completed under Task Order 1330.

There was not a program management support task order in the 2021-23 biennium, but program support services were completed under other various design-related task orders. The Program Management tools developed in earlier biennium were kept current by capturing changes to funding, costs, schedules, etc. during the 2023-25 biennium.

TASK ORDER SUMMARY

Basic Services: There are no basic services in this task order.

Special Services: The Task Order describes the services provided by the engineering team (Black & Veatch, AE2S). The following provides a brief description and the cost of each task:

<u>Task Description</u>	<u>Fee</u>
Task 1S – Task Order Management and Administration	\$71,084.00
Task 2S – Program Coordination and Communication	\$353,035.00
Task 3S – Biennia and Programmatic Workplan Development and Updates	\$216,703.00
Task 4S – Schedule Planning and Management	\$41,450.00
Task 5S – Billing Summaries and Reporting	\$139,024.00
Task 6S – Continued Contractor Outreach and Prequalification	\$33,224.00
Task 7S - Organizational Planning	\$31,480.00
Totals	\$886,000.00

PROJECT OVERVIEW

The Task Order's key deliverables are listed below. These tools are each used to support discussions with the Department of Water Resources, the North Dakota Legislature, and the Garrison Diversion and LAWA boards/committees.



RRVWSP Task Order 1610 – 2025-27 Biennium Program Management Support Services

Task Order Effective Date: January 1, 2026

TASK ORDER EXECUTIVE SUMMARY

1. Program Communication and Coordination
 - a. Program Meetings and Conference Calls
 - i. Outlook meeting invitations with MS Teams links/telephone numbers
 - ii. Meeting planning, agenda, and notes
 - b. Board and Committee Meeting Support Services
 - i. Pre-planning and meeting agenda topics and MS Teams links/telephone numbers
 - ii. Presentation slide decks, including content development and graphics support.
2. Biennia and Programmatic Budget Projection Development and Updates
 - a. Development of the Biennium Workplan and Budget
 - b. Update to the Program Budget
3. Schedule Planning and Management
 - a. Update to the Overall Program Gantt schedule
 - b. Periodic updates to the biennium Gantt schedule
4. Program Executive Summaries, Billing Summaries, and Reporting
 - a. Funding sources and expenditures tabulation
 - b. Engineering task order tabulation
 - c. Construction contracts tabulation
 - d. Additional Unity Construct tools and Power BI reporting
 - e. Installed assets tabulation
5. Continued Contractor Outreach and Prequalification
 - a. Communication of new general contractor contacts
 - b. Contractor qualification package review(s) memoranda
 - c. On-site general contractor interviews
6. Organizational Planning
 - a. Updated O&M staff organizational chart
 - b. Updated organizational chart for the consultant production teams



Black & Veatch Corporation

Professional Services for the Red River Valley Water Supply Project
Under General Agreement dated January 17, 2008

RRVWSP Task Order 1610 – 2025-27 Biennium Program Management Support Services

Effective Date – January 1, 2026

Content of this Task Order (TO) is as follows:

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I. PROJECT BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Program) being undertaken by the State of North Dakota (ND) will provide a supplemental water supply to eastern and central ND in the event of drought conditions in the Red River watershed. The Program will withdraw water from the Missouri River via the McClusky Canal and convey it eastward through a multi-county pipeline to the Sheyenne River, a tributary of the Red River, for flow augmentation.
2. Professional services for implementation and execution of the Program will be accomplished through the execution of multiple task orders for items such as program and task order management, planning and studies, design and associated activities, engineering services during construction, and other professional services. A Preliminary Design Report (PDR) prepared by Engineer is the foundation on which key elements of the Program are based.
3. In previous biennia, the Owner requested, and the Engineer developed Program Management tools and processes. These tools included a master program schedule, a master program budget and cash flow, a program risk register, a program organization chart, and more detailed program schedules, budgets, and workplans for each biennium. These tools were used to communicate

to the Garrison Diversion Conservancy District (Garrison Diversion, GDCD, Owner) and the Lake Agassiz Water Authority (LAWA) the overall financial and physical progress of the RRVWSP.

II. TASK ORDER OBJECTIVES

1. The overall objectives of this Program Management Services Task Order are:
 - A. Provide for ongoing coordination and communications between the consulting team and Garrison Diversion and LAWA. This includes helping determine program priorities for spending, facilitating Garrison Diversion and LAWA task order development, and helping define the roles and responsibilities for Garrison Diversion and LAWA related to each task order. It also provides time for regular communication with Garrison Diversion and LAWA and its representatives.
 - B. Assist Garrison Diversion and LAWA in managing the Program through the ongoing use of program management tools such as the overall program schedule and budget; biennium workplan updates that include biennium schedule and budget updates; monthly executive summaries of program progress, and cost reporting tools for overall program spending, construction spending, and consultant spending. This will include updating previously developed budget, schedule, and risk management tools.
 - C. Preparation for and attendance at consulting team leadership at Garrison Diversion and LAWA committee and board meetings.
 - D. Development and review of materials prepared for the State of North Dakota Department of Water Resources (DWR), political entities, or other agencies external to Garrison Diversion and LAWA.
2. The following Task Orders relate to program support but are separate from it.
 - A. Task Order GF 1.50 – 2026 Strategic Communications Services. This task order provides general project communications such as news releases, website updates and maintenance, and social media postings as well as graphics and communication support during the biennium and the legislative session.
 - B. Task Order 1620 – Operational Planning Phase 4A. This task order provides for the development of technical material needed by Garrison Diversion, LAWA, and the Department of Water Resources (DWR) to determine next steps of operational or water management planning. The scope of the initial authorization is limited to helping stakeholders understand past operational decisions, current issues that need to be addressed, and establishing a road map for the future.
 - C. Task Order 1630 – Program Management Information System Phase 3, Unity Construct Licenses and On-Going Support. Provides for continued use of the implemented Unity Construct program management software and professional support in troubleshooting and a process of continual improvement/enhancements.

- D. Task Order 9610 – 2025 to 2027 Biennium User Outreach and Financial Modeling Support. This task order provides for general end user outreach and support as necessary for users to sign the planned Water Delivery Contract.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional services associated with general engineering support for the RRVWSP. Special services include those items that are separate from standard engineering planning, design, and construction oversight activities. The work in this Task Order is considered Special Services.
3. Work outside Basic and Special Services. Engineer agrees to provide the Basic Services and Special Services identified herein. Work not specifically discussed herein as part of Basic Services or Special Services is considered Additional Services. Additional Services will only be performed with proper and separate task order authorization.
4. Explicit Responsibilities. Basic Services and Special Services explicitly set forth the Work Engineer will perform and do not implicitly put any additional responsibilities or duties upon Engineer. Deliverables to be provided are explicitly identified in this Task Order.

IV. BASIC SERVICES

Not used in this Task Order.

V. SPECIAL SERVICES

The Special Services of this Task Order are organized into major tasks as follows:

- Task 1S – Task Order Management and Administration
- Task 2S – Program Communication and Coordination
- Task 3S – Biennia and Programmatic Workplan Development and Updates
- Task 4S – Schedule Planning and Management
- Task 5S – Billing Summaries and Reporting
- Task 6S – Continued Contractor Outreach and Prequalification
- Task 7S – Organizational Planning

1. Task 1S – Task Order Management and Administration

This task includes overall project management and administrative services during the biennium. Specific services to be performed by Engineer are as follows:

- A. Task Order Setup and Workplan Development. Engineer will develop a Task Order workplan that includes the scope, schedule, and budget. Engineer will conduct a virtual overall Task

Order kick-off meeting with the team. Task Order Management. Engineer will provide management services necessary for execution of the Task Order, including efforts required for proper resource allocation, schedule development and monitoring, budget review and control, Owner coordination, and other standard and customary activities required for timely completion of the Work. Engineer will:

- i. Administer the Task Order. Perform general administrative duties associated with the Task Order, including general correspondence, day-to-day contact and coordination, administration, and monthly invoicing in a form that is acceptable to Owner.
- ii. Manage Subconsultants. Engineer will monitor subconsultant progress, review/ approve invoices, oversee adherence to the approved quality assurance/quality control (QA/QC) plan, monitor adherence to document preparation standards, and oversee subconsultants' performance.
- iii. Assemble Engineering Progress Reports/Invoices. Prepare monthly engineering invoices and periodic progress reports.

2. **Task 2S – Program Communication and Coordination**

The duration of this Task Order will be 24 months. During that time, Engineer will assist Garrison Diversion and LAWA with an array of Program communication and coordination activities that fall outside the scope of work of individual planning, study, engineering, or construction phase services related task orders. Program communication and coordination services of this task are identified below.

- A. Garrison Diversion/LAWA Bi-weekly Leadership Team Calls (up to 48 calls). Prepare for and participate in bi-weekly conference calls to preview upcoming committee and board meetings, determine agenda items and materials required for those meetings, and help Garrison Diversion and LAWA in their respective roles and responsibilities.
- B. Garrison Diversion Meeting Support
 - i. Preparation for and Attendance at Garrison Diversion Board Meetings. Engineer will support board meetings (up to 8) by reviewing agendas, preparing presentations or other materials for board discussions, and in-person attendance (up to 8) at board meetings. Time for preparation of technical materials related to individual task orders is covered under those task orders.
 - ii. Preparation for and Participation in Garrison Diversion Committee Meetings. Engineer will support meetings (up to 16) by reviewing agendas, preparing presentations or other materials for committee discussions, and virtual attendance at committee meetings (up to 16). Time for preparation of technical materials related to individual task orders is covered under those task orders.

C. LAWA Meeting Support

- i. Preparation for and Attendance at LAWA Board Meetings. Engineer will support board meetings (up to 12) by reviewing agendas, preparing presentations or other materials for board discussion, and in-person attendance (up to 12) at board meetings. Time for preparation of technical materials related to individual task orders is covered under those task orders.
- ii. Preparation for and Participation in Technical Advisory and Financial Advisory Committee (TAC and FAC) Meetings. Engineer will support committee meetings (up to 24) by assisting with agenda development, preparing presentations or other materials for committee discussions, and virtual attendance at committee meetings (up to 24). Time for preparation of technical materials related to individual task orders is covered under those task orders.

D. General Support for Shared Delivery. of Garrison Diversion and LAWA to implement the “shared delivery” working model. Includes effort to work and communicate with representatives from both organizations to establish appropriate roles and responsibilities related to future task orders.

E. External Communications. The program regularly receives requests from federal and state officials for updates to funding requests, cash flow analysis, and overall program cost and schedule requests. Engineer will support Garrison Diversion and LAWA with this task on the as-requested basis.

3. **Task 3S – Biennia and Programmatic Workplan Development and Updates**

Engineer will update the Program budget, and develop and update individual biennia workplans, including task order and construction contract budgets. The 2025-2027 biennium workplan has been established, and it will be reconciled quarterly to align with authorized construction contracts and professional services task orders. Engineer will support Garrison Diversion and LAWA relative to establishment of the coming 2027-2029 biennium workplan. Specific responsibilities under this task are discussed below.

A. Biennia Workplans

- i. Workplan Development. Engineer will assist Garrison Diversion and LAWA in development of the 2025-2027 and 2027-2029 biennia workplans and help with prioritization of projects based upon legislative funding allocations and other considerations. The biennia workplans will be structured such that they will address time sensitive items driving progress in areas where there are outside constraints such as permit expiration, regulatory considerations or changes, or other factors. The biennium budget will take into consideration State and user funding constraints, limitations, and concerns. The biennium budget update will include both the base RRVWSP program and the Eastern North Dakota Alternate Water Supply (ENDAWS)

project. The initial Workplan will be considered and approved by the Garrison Diversion and LAWA Boards.

- ii. Periodic Workplan Reconciliation. Once adopted by Garrison Diversion and LAWA, Engineer will make periodic workplan and budget updates to adapt to changing Program priorities, actual task order authorizations, signed construction contracts, general services billing, and other factors. These updates will coincide with and be prepared for Garrison Diversion Board meetings. Workplan updates will be formally considered and approved by the Garrison Diversion and LAWA Boards.

B. Biennium and Detailed Program Cash Flow Estimates

- i. Development of Biennium Cash Flow Estimate. A biennium cash flow by month and task order/construction contract will be developed once the biennium workplan and budget have been established. Monthly expenditures for each task order, construction contract, and Garrison Diversion's general invoices will be estimated based upon the anticipated start of each assignment and its duration.
- ii. Periodic Updates to Biennium Cash Flow Estimate. The biennium cash flow will be periodically updated to include actual expenditures and adjustments to forecasted costs accounting for updated and changing project schedules and costs. Semi-annual updates are anticipated for establishment of the level of effort for this task.
- iii. Combined Biennia Cash Flow. Cash flow estimates for each biennium developed and updated above will be combined into a single cash flow for the Program. In addition, previous biennia will be combined with the current biennium cash flow for a combined Program cash flow. Actual costs will be incorporated, and the future expenditures will be updated semi-annually.

C. Overall Program Budget Update

A Program budget was developed with a baseline established during the 2017-2019 biennium. It has been periodically updated since initial development. Engineer will continue to manage the overall Program budget, and this tool is integral to that effort.

- i. Program Budget Biennium Refresh. Engineer will update the Program budget developed previously using information from completed RRVWSP projects and signed authorizations, bidding results, anticipated change in construction costs, changes to the Program scope of work, anticipated procurement method, completion schedule, and other relevant factors. Current costs will be indexed to the Engineering News Record Construction Cost Index to account for inflation. Garrison Diversion's Finance Team will provide escalation impacts to arrive at total capital expenditure (CAPEX) at Program completion. Escalation will be computed from current day to the anticipated Program finish based on the target finish date and expected biennium funding levels. A high-level cash flow estimate will be completed in conjunction with the update of the Program budget.

ii. Periodic Program Budget Updates. Once refreshed, the Program budget will be updated annually to address changing priorities and the target completion and commissioning dates and to incorporate signed construction contracts and task orders. The high-level cash flow will be updated as well.

D. Documentation of Installed Assets. Engineer will tabulate semi-annually the type, location, and estimated value of installed above-ground assets for property insurance purposes. Data will be captured prior to and after the construction seasons in April and December of each year.

4. **Task 4S – Schedule Planning and Management**

Engineer previously prepared a Program Master Schedule identifying key Program milestones and constraints. The Program finish date at that time was estimated to be 2030. Since development of that initial schedule, several major changes have been implemented on the Program, including adoption of the hybrid ENDAWS/RRVWSP project, shortening of the pipeline from 167 to 125 miles, design/construction of an intake and biota water treatment plant on the McClusky Canal immediately north northwest of McClusky, North Dakota, and extension of the Program schedule to 2032.

A. Master Program Schedule and Cashflow Update. Update the overall Program schedule showing relationships between projects and requirements of the State legislature. Define the critical path and periodically update schedules adapting to Program priorities. Provide an estimate of actual progress versus planned progress. An overall annual Program cashflow estimate will be developed. The Program Master Schedule will be updated based upon current information from Garrison Diversion, LAWA, and the State DWR.

B. Simplified Biennium Schedule Updates. A simplified Program schedule will be maintained and updated to serve primarily as a communication tool with the Garrison Diversion and LAWA Boards and various committees of the two organizations. Updates will be provided bimonthly during the biennium.

5. **Task 5S – Program Executive Summaries, Billing Summaries, and Reporting**

The financial and schedule tools developed in Task 3S provide overall programmatic tracking of budget and schedule. The Garrison and LAWA boards desire monthly programmatic summaries of how money is being spent and the tracking of money spent by engineering firms and contractors. This task provides for the monthly financial reporting and executive summaries requested by the boards. The PMIS tools, developed and maintained under a separate task order, will be the basis for reporting of this task.

A. Tabulation of Funding, Funding Sources, and Expenditures. Provides for tabulation and reporting of funding and funding sources by the respective biennium by Federal, State, and local sources. In reporting, compare expenditures against biennium and aggregated biennia budgets. This task also provides for the monthly reporting of expenditures versus funding levels in the monthly executive summary

- B. Tabulation of Engineering Task Orders. Provides for monthly tabulation and reporting of engineering task orders for the contracted amount by firm, the monthly billings by firm, the year-to-date billings by firm, and the inception-to-date billings by firm. This task also provides for the monthly reporting of engineering related costs and activities in the monthly executive summary.
- C. Tabulation of Construction Contracts and Costs. Provides for ongoing tabulation and reporting of construction costs and progress. Also provides for the monthly reporting of construction related costs and activities in the monthly executive summary.
- D. Unity Construct Project Management Information System (PMIS) and Power BI Tools
 - i. PMIS Modifications and development and implementation of the Billing Summary Report migrated to Power BI reporting.
 - ii. Migration of biennia workplans from MS Excel worksheets to a Unity Construct Process with Power BI reporting.
 - iii. Migration of biennia contracting reports from MS Excel to Power BI reporting interfacing with the Unity Construct PMIS.
 - iv. Dashboard maintenance and continual enhancements/refinement in Power BI.

6. **Task 56S – Continued Contractor Outreach and Prequalification**

Previous pipeline construction projects received several competitive bids. This was achieved in part by developing and maintaining contractor interest in the Program. It is important to achieve overall Program objectives by continuing to have general contractors interested in and actively bidding on projects. Early in the Program, a model contractor pre-qualification process was developed to help identify and pre-qualify interested and qualified contractors. This process helped general contractors be aware of bidding opportunities and raised the RRVWSP project profile across the pipeline construction industry. The contractor outreach and prequalification efforts were renewed during the latest rounds of bidding for Contracts 6B, 6C, and 7A resulting in three new contractors bidding these projects and several others expressing interest in future work.

- A. Contractor Outreach and Prequalification. This Task will support continued contractor outreach and pre-qualification during the biennium. Engineer will provide the following services under this task:
 - i. Outreach to General Contractor Community. Respond to inquiries from contractors and initiate contact with contractors about the upcoming ENDAWS and RRVWSP work. In each of these instances, provide Program and general project information along with a list of anticipated projects and their timing. Develop and disseminate periodic updates to pre-qualified contractors and those other firms interested in future bids.

- ii. **Qualification Submittal Reviews.** Receive qualification information from new general contractors reviewing that information against requirements. Project and staff references are required with the firm qualifications. Engineer will check both by reaching out to the contracts provided in the submittal. For the purposes of estimating the level of effort of this task, it is assumed that up to four submittals will be received during the biennium.
- iii. **Contractor Interviews.** Attend on-site in-person interviews at Garrison Diversion's offices to meet contractor staff, particularly principal(s), project manager(s), general superintendent(s), and foremen to be assigned to complete the work if they are the successful bidder. For the purposes of estimating the level of effort of this task, it is assumed that up to two half-day interviews will be conducted during the biennium with two different firms.

7. **Task 6S – Organizational Planning**

In the past biennium, progress was made developing an operation and maintenance (O&M) budget. From that budget, an initial organizational chart was developed for Garrison Diversion to show the number of staff needed to operate and maintain the linear and vertical assets of the water supply system.

In addition, an organizational chart was developed showing how the consulting team would be structured to support Garrison Diversion during the biennium. It is expected that more organizational planning will need to occur during the current biennium to assist Garrison Diversion and LAWA in anticipating future staffing needs and roles/responsibilities of those staff.

- A. **Organizational Planning.** Organizational plans were developed during the previous biennium. The work of this task will be to update those plans for current Program considerations and organization roles and responsibilities.
 - i. **RRVWSP Operations and Maintenance Staffing.** The organizational chart will be updated to reflect Garrison Diversion and LAWA expected staff needs for the biennium and for the built-out and operational water supply system.
 - ii. **Consultant Execution Team Staffing.** The 2023-2025 biennium engineering consultant organizational chart will be modified to include management and technical staffing to sufficiently staff the current workplan's construction projects and task orders.

VI. **DELIVERABLES**

The following deliverables will be furnished under this Task Order. Documents or deliverables not included in the list below will be provided as Additional Services as authorized by the Owner. Unless noted otherwise, deliverables will be in the form of electronic pdf files.

- 1. **Task 1S – Task Order Management and Administration**
 - A. **Internal BV workplan**

- B. Monthly invoices and periodic reporting
- 2. Task 2S – Program Communication and Coordination
 - A. Program Meetings and Conference Calls
 - i. Outlook meeting invitations with MS Teams links/telephone numbers
 - ii. Meeting agenda
 - B. Board and Committee Meeting Support Services
 - i. Pre-planning team meeting agenda topics and MS Teams links/telephone numbers
 - ii. Presentation slide decks (draft and final versions; content development and graphics support)
- 3. Task 3S – Biennia and Programmatic Workplan Development and Updates
 - A. Biennium Budget – Development of the 2025-2027 Biennium Budget and periodic updates with frequency as noted above
 - B. Program Budget – Updates to the Program budget with frequency as noted above
- 4. Task 4S – Schedule Planning and Management
 - A. Overall Program Gantt chart schedule updates with frequency as noted above
 - B. Periodic simplified biennium Gantt chart schedule updates with frequency as noted above
- 5. Task 5S – Program Executive Summaries, Billing Summaries, and Reporting
 - A. Funding sources and expenditures tabulation
 - B. Engineering task order tabulation
 - C. Construction contracts tabulation
 - D. Unity Construct tools and Power BI reporting
- 6. Task 6S – Continued Contractor Outreach and Prequalification
 - A. Communication to Garrison Diversion and LAWA of general contractor contacts
 - B. Letter report concerning contractor qualification package review(s)
 - C. MS Teams invitations and agenda for on-site general contractor interviews
- 7. Task 7S – Organizational Planning
 - A. Updated staff organizational chart necessary to manage, operate, and maintain the project.

- B. Updated organizational chart for the consultant production team necessary to execute the work in the biennium workplan.

VII. ADDITIONAL SERVICES

1. The professional services listed below are not included in the scope of this Task Order nor does the fee shown in Article IX include any labor and direct expenses for items identified as Additional Services. Should Owner want to include services listed under Additional Services in Engineer's scope of work, an amendment to this Task Order or execution of a separate Task Order with the new work will be necessary. The following items are specifically excluded from Basic and Special Services:

- A. Meeting support for project stakeholders beyond what is identified in this Task Order.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. Garrison Diversion and LAWA commit to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer.
2. Garrison Diversion and LAWA will provide review comment either electronically in the native Word file in Track Changes Mode or they will be summarized in an MS Excel worksheet or MS Word document.

IX. FEE

The total fee for Basic Services provided under this Task Order is xxxxxxxxx Thousand xxxxxxxxx Dollars (\$xxx,000). A worksheet showing the fee estimate and level of effort by task is included in Attachment A.

X. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by December 31, 2027, provided the Task Order is executed prior to April 30, 2026.

XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

1. Standard Form of Agreement between Garrison Diversion and Engineer for Professional Services dated January 17, 2008, is incorporated by reference.
2. Attachment A – Fee Estimate Worksheets

XII. ACCEPTANCE

If this satisfactorily sets forth your understanding of this Task Order, please electronically sign this document. An electronic copy of the fully executed document will be provided upon execution by all parties.

By: _____
Duane DeKrey, General Manager
Garrison Diversion Conservancy District

By: _____
Paul Boersma, Vice President
Black & Veatch Corporation

Dated: _____

Dated: _____

DRAFT

ATTACHMENT A

Fee Estimate Worksheets