

RED RIVER VALLEY COMMITTEE

**Garrison Diversion Conservancy District
Carrington, ND**

December 18, 2025

A G E N D A

- | | |
|------------|---|
| 9:00 a.m. | I. Call to Order – Jason Siegert |
| 9:01 a.m. | II. Pledge of Allegiance |
| 9:02 a.m. | III. Roll Call – Lisa Schafer |
| 9:03 a.m. | IV. Consideration of Minutes – Jason Siegert
A. >August 19, 2025 |
| 9:05 a.m. | VI. Construction & Engineering Update – Kip Kovar
A. 2025 Review
B. 2026 Preview |
| 9:10 a.m. | VII. Construction Change Orders – Kurt Ronnekamp
A. >*Change Order No. 7 – Garney Construction
B. >*Change Order No. 2 – Oscar Renda Contracting |
| 9:20 a.m. | VIII. Construction Bid Awards – Kip Kovar
A. >*Contract 6B and Contract 6C
B. >*Contract 7A |
| 9:35 a.m. | IX. >*Construction Phase Services Task Order 5662 – Kurt Ronnekamp |
| 9:40 a.m. | X. Work Plan Updates – Kip Kovar
A. >2023-2025 Biennium Work Plan
B. >*2025-2027 Revised Draft Biennium Work Plan |
| 9:45 a.m. | XI. *Treatment Plant Power Supply Recommendation/Approval – Paul Boersma |
| 9:55 a.m. | XII. >Program Schedule – Kip Kovar |
| 10:00 a.m. | XIII. Adjourn |

Items in bold require action

*** Requires a roll call vote**

The following minutes are in draft form subject to review and approval by the Red River Valley Committee at its next meeting.

25-43

GARRISON DIVERSION CONSERVANCY DISTRICT

RED RIVER VALLEY COMMITTEE

**City Commission – Red River Room
 Fargo, North Dakota
 August 19, 2025**

A meeting of the Red River Valley Committee was held at the Fargo City Commission, Fargo, ND, on August 19, 2025. The meeting was called to order by Chairman Siegert at 12:35 p.m.

MEMBERS PRESENT

Board Chairman Jay Anderson
 Committee Chairman Jason Siegert
 Director Dave Anderson
 Director Jeff LeDoux
 Secretary Duane DeKrey

MEMBERS ABSENT

Director Greg Bischoff
 Director Ken Vein

Garrison Diversion staff members and others were also present. Registration sheet is attached (Annex I).

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

CONSIDERATION OF MINUTES

Motion by Director LeDoux to dispense with a reading of the June 26, 2025, Red River Valley Committee minutes and approve them as distributed. Second by Director J. Anderson. Upon voice vote, motion carried.

RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP)

Construction Update - - Kip Kovar, Deputy Program Manager, RRVWSP Engineering, Garrison Diversion, reported 35 miles of pipeline are under contract, 23 total miles of pipeline have been installed and 50 miles are shovel ready. Since the June board meeting, 5.2 miles of pipe have been installed.

Pipe installation has been slower due to challenging wet conditions.

Work Plan Update

Mr. Kovar referenced the RRVWSP Work Plan Update dated August 12, 2025, which summarizes ongoing construction projects (Annex II).

Paul Boersma, Black & Veatch (BV), provided a report on the water quality testing associated with the McClusky Canal.

Mr. Boersma noted a future meeting will be required with this committee and the Lake Agassiz Water Authority (LAWA) Technical Advisory Committee (TAC) to discuss policy decisions regarding liquidated damages.

He also provided an update on six task orders approved this spring related to Interim Financing Agreement Series E.

Task Orders

Going forward, LAWA and Garrison Diversion will each take a role in operational planning as is being defined by the two organizations. The allocation of roles and responsibilities for operational planning is on-going and will be worked out over the next few months. In the meantime, there are operational planning activities that need to continue as described in the amendment below.

Task Order 1520 – Operational Planning, Phase 3, Amendment No. 1

The purpose of this task order amendment (Annex III) is to fund the interim activities until a more complete agreement is established and a new task order is executed. The cost of this task order is \$156,000.

Task order 1630 – Project Management Information Services, Phase 3

The purpose of this task order (Annex IV) is to administer and support the Project Management Information System (PMIS). BV will administer the PMIS to support daily program operations; deliver Garrison Diversion, contractor, and consultant staff training; and diagnose, develop, and implement system enhancements based on the Program's and Garrison Diversion's needs. Additionally, BV will renew software licenses and subscriptions in support of the current implementation expanding the number of users from 25 to an unlimited number. The professional services provided by BV and its consultants are provided on an hourly basis; the fee is estimated based on the scope and nature of the work for the 2025-2027 biennium. License fees for Unity Construct and DocuSign are lump-sum prices from the vendors accounting for the anticipated number of users. The cost of this task order is \$689,000.

Motion by Director D. Anderson to recommend approval: 1) RRVWSP Task Order 1520, Operational Planning Phase 3, Amendment No. 1 in the amount of \$156,000 and 2) RRVWSP Task Order 1630 Project Management Information Services Phase 3, Unity Construction Licenses and On-Going Support, in the amount of \$689,000 to the full board. Second by Director LeDoux. Upon roll call vote, the following directors voted aye: D. Anderson, J. Anderson, LeDoux and Siegert. Those voting nay: none. Absent: Bischoff and Vein. Motion carried.

2023–2025 Biennium Work Plan/Budget Revisions - - Mr. Kip Kovar reviewed the RRVWSP 2023–2025 Biennium Work Plan dated August 5, 2025, totaling \$246 million (Annex V).

- Item No. 15 – Operational Planning: Pertains to Task Order 1520, Amendment No. 1, approved earlier in the meeting.

- Item No. 25 – Contingency: Funds for Task Order 1520 were drawn from contingency; \$6.3 million remains in contingency for the biennium.

2025-2027 Draft Biennium Work Plan/Budget - - Mr. Kovar presented the Draft 2025–2027 Biennium Work Plan/Budget dated August 12, 2025, totaling \$273 million (Annex VI).

- **Major Contracts:** 6B, 6C, and 7A, totaling approximately 24 miles of pipeline.
- **Adjustments:**
 - Items No. 3, 4, and 5 updated to reflect actual construction phase service fees.
 - Item No. 7 – Construction dollars for City of Washburn removed; design and bidding funds remain.
 - Item No. 11 – Adjustment for Task Order 1630, approved earlier in the meeting.
- **Contingency:** Item No. 16 includes \$14.3 million in contingency funds.

Program Schedule - - Mr. Kovar referenced the RRVWSP Program Schedule dated August 5, 2025, stating Contract 5B with Garney Construction is two years behind; Contract 5C, Oscar Renda, will have one mile left; and Contract 5D, Carstensen Contracting, should finish this year.

Interim Financing Agreement Series F - - Mr. Kovar noted that, according to the schedule, the Interim Financing Agreement Series F was anticipated to be signed this year, with bidding to occur on Contracts 6B, 6C, and 7A. However, this has not yet taken place. Combining the financing and bidding processes will require a minimum of two months before bids can be opened. Following contract award, an additional six months will be needed for pipe delivery. Concern was expressed that the project is at risk of losing the upcoming construction season.

Mr. Kovar stated Garrison Diversion would prefer a cleaner version of the Series F Agreement, with negotiated operational items incorporated into the Cooperation Agreement or future agreements. He noted that Series F cannot be finalized until a meeting with the bond attorneys has taken place.

Mr. Kovar asked if the Term Sheet is completed, does that mean the financial agreement is clean.

Brent Bogar, LAWA Consultant, explained that the Term Sheet is separate from the Series F Agreement. He stated the Term Sheet outlines the water supply agreement and may incorporate certain operational items. He added that, as the Term Sheet develops, he will need to consult with legal counsel to determine what changes may be made to Series F and how the two documents will work together.

Mr. Bogar added revisions are currently being made to the Term Sheet, and it is hoped that document will go out to Garrison Diversion by tomorrow for their review.

Director LeDoux asked if the Term Sheet needs to be agreed to before Series F can be signed.

Mr. Bogar stated he does not expect the Term Sheet to be completed until the end of the year. He explained that Series F addresses broad, high-level concepts, while the Term Sheet provides the detailed provisions. He noted that completion of the Term Sheet is not required

in order to finalize Series F, as the conceptual framework can be agreed upon in Series F, with specific details to be negotiated and included in the water supply agreement.

Merri Mooridian, Deputy Program Manager, RRVWSP Administration, Garrison Diversion, stated certain terminology currently included in the Interim Financing Agreement Series F is not likely to be recommended for approval by Garrison Diversion's board.

Bennett Johnson, Vogel Law Firm, noted that both Vogel Law and Garrison Diversion aim to maintain consistency in the financial agreements, focusing additional effort on the Term Sheet and the water supply agreement.

Chairman Siegert emphasized that time is of the essence when state funding is involved, noting that if the funds are not used, they may not be available in the next funding cycle. He stated that the project is a joint effort between Garrison Diversion and LAWA and is not about individual interests.

Director D. Anderson inquired whether LAWA understands the funding situation.

Mr. Bogar responded that LAWA recognizes the importance of utilizing state funding and awarding it during this biennium. He added that attorneys for Fargo and Grand Forks acknowledge the importance of the funding but also have obligations to protect the interests of their respective cities and must ensure they are comfortable with the terms.

User Engagement Update - - Steve Burian, Burian & Associates, commented he had nothing new to add from the previous meeting.

OTHER

The meeting adjourned at 1:18 p.m.

Jason Siegert, Chairman

Duane DeKrey, Secretary

RED RIVER VALLEY COMMITTEE MEETING
Fargo Commission Building, North Dakota

[illegible]

RRVWSP Work Plan Update August 12, 2025

CONSTRUCTION

Pipeline Construction

Contract 5B

The original pipe delivery of June 15, 2021, was delayed due to a surface blemish in the steel coil.

In year one (2022), 7,761 feet of pipe was installed out of the total nine miles. High groundwater slowed the pipe installation progress.

In the second year (2023), 21,120 feet of pipe was installed.

In the third year (2024), using two pipe crews, approximately 18,500 feet has been installed, which completes the pipe installation.

The pipeline passed the hydrostatic testing, 296 psi was held for 4 hours. Two miles of restoration are remaining.

To date, \$39,090,882.28 has been paid on the original contract amount of \$45,961,700.00. Change Orders No. 1, 2, 3 and 4 have been approved, leaving the current contract price at \$46,899,055.88.

Contract 5C

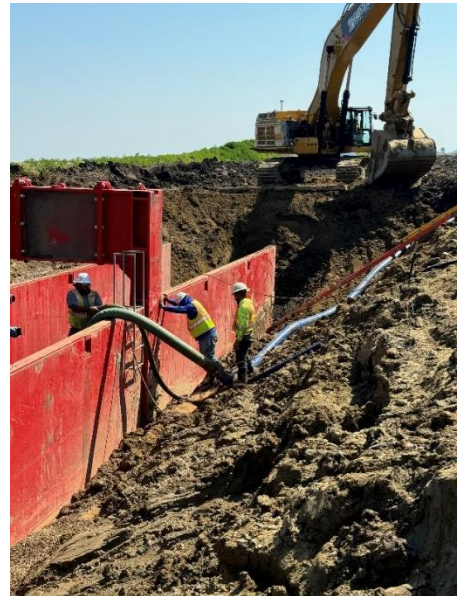
The contract price is \$76,663,355.00 for 8 miles of pipe awarded to Oscar Renda Contracting.

Oscar Renda was not meeting their install targets so a second pipe crew was sent out on July 10. To date, 23,203 feet has been installed. Tunneling subcontractor Minger Contracting has moved to the James River tunnel site.

To date, \$33,553,431.53 has been paid on the original contract amount of \$76,663,355.00.



Stripping Topsoil



Trench Box w/ Dewatering Pipes

Contract 5D

The contract price is \$61,677,275.00 for 10 miles of pipe awarded to Carstensen Contracting. To date, the contractor has installed 40,101 feet with one pipe crew.

To date, \$40,405,913.63 has been paid on the original contract amount of \$61,677,275.00. Change Order No. 1 has been approved, leaving the current contract price at \$59,375,495.00.



Stored Pipe on Site



Placing Dewatering Pipe

Contract 6A

The contract price is \$52,528,500.00 for 7.1 miles of pipe awarded to Carstensen Contracting. To date, the contractor has installed 3,346 ft of pipe.

To date, \$8,462,548.31 has been paid on the original contract amount of \$52,528,500.00.

DESIGN

The design team is also working with Reclamation on the location for the BWTP and pump stations. Final design efforts have started on Contracts 7 and 4. Additional geotechnical data is complete.

RRVWSP Awarded Contracts				
No.	Contract Name	Contractor	Bid Price	Final Contract Price
1	Missouri River Intake Wet Well & Site Development	ICS	\$4,989,405.88	\$4,721,446.47
1	Sheyenne River Outlet Discharge Structure & Site Development	Industrial Builders	\$1,516,955.00	\$1,521,884.00
2	Missouri River Intake, Screen Structure & Tunnel	Michels	\$18,896,900.00	\$19,444,156.60
5A	Transmission Pipeline East (TPE)	Garney	\$8,366,201.00	\$8,393,396.44
5B	TPE Carrington to Bordulac	Garney	\$45,961,700.00	
5D	TPE Sykeston to Carrington	Carstensen	\$61,677,275.00	
5C	TPE Bordulac to James River	Oscar Renda	\$76,663,355.00	
6A	TPE James River to McKinnon Township	Carstensen	\$52,528,500.00	



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. 1

Effective Date – September 1, 2025

I. PROJECT AND TASK ORDER BACKGROUND

1. Phases 1 and 2 of operational planning were completed under previous task orders and Phase 3 of operational planning was completed under this task order.
2. Going forward, the Lake Agassiz Water Authority (LAWA) and Garrison Diversion Conservancy District (Garrison Diversion, GDGD) will each take a role in operational planning as is being defined by the two organizations. 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, there are operational planning activities that need to continue as described in this amendment. The purpose of this amendment is to fund the interim activities until a more complete agreement is established and a new task order is executed.

II. TASK ORDER SCOPE

1. Ongoing Operations Support
 - a. Provide LAWA and Garrison Diversion with ongoing technical support for StateMod model runs and documentation. Continue working with Precision Water Resources Engineering (PWRE).
 - b. Review anticipated responses from the North Dakota Department of Water Resources (NDDWR) and the U.S. Army Corp of Engineers (USACE). Provide technical assistance and materials as requested by Garrison Diversion and LAWA for meetings with NDDWR and USACE.
 - c. Coordinate completion of the North Dakota Pollutant Discharge Elimination System (NDPDES) permit renewal. The permit renewal has been started but additional effort is required for it to be finished. The State of North Dakota (State) requires a permit renewal every five years.
 - d. Attend LAWA, LAWA Technical Advisory Committee (TAC), and LAWA Operations sub-committee meetings as requested.
 - e. Provide Project Participation Agreement (PPA) support materials as requested.

2. Ongoing User Outreach Support

- a. Facilitate work with five communities to support them participating in Series F local funding agreement. Scope includes time for meetings, coordination, and deliverable preparation.
- b. James River Analysis Support. Scope includes efforts to establish James River as a viable water conveyance route. Scope for AE2S being written into another task order with the fee to be covered elsewhere.
- c. Support Wahpeton Area Cooperative Agreement monthly meetings.
- d. Continue coordination/answering questions with pending Users who had originally been contacted.
- e. Complete other as needed services for User Outreach as requested by LAWA and Garrison Diversion.

V. FEE

The total fee for Basic Services and Special Services provided under this task order amendment is estimated to be One Hundred Fifty-Six Thousand Dollars (\$156,000). The revised upper limit of the task order then becomes Six Hundred Eighteen Thousand Thirty Dollars (\$618,030).

VI. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by March 31, 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: _____



RRVWSP Task Order 1630 – Project Management Information System Phase 3 Unity Construct Licenses and On-Going Support

Task Order Effective Date: September 1, 2025

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Consideration and approval of a consultant task order in the amount of \$689,000 to administer and support the Project Management Information System (PMIS). Black & Veatch (BV) will administer the PMIS to support daily program operations; deliver District, contractor, and consultant staff training; and diagnose, develop, and implement system enhancements based on the Program's and the District's needs. Additionally, BV will renew software licenses and subscriptions in support of the current implementation expanding the number of users from 25 to an unlimited number. The professional services provided by BV and its consultants are provided on an hourly basis; the fee is estimated based on the scope and nature of the work for the 2025-2027 biennium. License fees for Unity Construct and DocuSign are lump-sum prices from the vendors accounting for the anticipated number of users.

TASK ORDER OBJECTIVES

The first objective of this Task Order is to provide administrative services for the Trimble Unity Construct PMIS (previously known as eBuilder). This includes maintaining system level configuration and support of users. System Administrative Support Services will be provided to support on-going maintenance activities.

The second objective is to renew the Unity Construct PMIS subscription for the duration of this task order.

The third objective is to provide change management, including training of users and process owners as well as maintenance/updating system documentation.

The fourth objective is to identify new processes and configure those processes as Task Order funding allows.

TASK ORDER SUMMARY

The services to be provided by the consulting team of BV, Trimble, DocuSign, and TKG Consulting are fully described in the attached Task Order. The estimated hourly fee and expenses for the PMIS software subscription and administration services of Basic Services, including District, Engineer, consultant, and contractor training, are as follows for 2025-2027 Biennium:

Task Description	Two-Year Fee
Task Order Management and Administration (BV)	\$37,008.00
Unity Construct Subscription Renewal (Sub)	\$301,141.00
Administration of Unity Construct, a PMIS (BV)	\$176,876.00
Continuous Improvement Support (BV and subs)	\$148,017.00
Reporting and Dashboard Maintenance (BV)	\$25,958.00
Total	\$689,000.00



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 1630 – Project Management Information System Phase 3 Unity Construct Licenses and On-Going Support

Effective Date – September 1, 2025

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	3
V. SPECIAL SERVICES	5
VI. DELIVERABLES	5
VII. ADDITIONAL SERVICES	6
VIII. SPECIAL RESPONSIBILITIES OF OWNER	6
IX. FEE	6
X. PERFORMANCE SCHEDULE	6
XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS	6
XII. ACCEPTANCE	7

I. PROJECT AND TASK ORDER BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Program) being undertaken by the State of North Dakota (ND) provides a supplemental water supply to eastern and central ND in the event of drought conditions in the Red River watershed and for industrial development. The Program as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, the Owner) will withdraw water from the Missouri River and/or the McClusky Canal through the Eastern North Dakota Alternative Water Supply (ENDAWS) project and convey it eastward through a multi-county pipeline to the Sheyenne River, a tributary of the Red River, for direct pipeline usage and flow augmentation.
2. The management, engineering, procurement, construction, and other contracts necessary for project development and construction generate tens of thousands of documents such as engineering deliverables, construction submittals, requests for information, change order requests, change orders, applications for payment, certificates of inspection, construction daily reports, and other related documents. Records of thousands of reviews/approvals are provided within the PMIS, which document technical, financial, management, and other decisions with appropriate documentation and backup.

3. A comprehensive Program Management Information System (PMIS) has been implemented and configured to allow for effective document transfer, storage, and approval of documents. The PMIS system allows contractors, Owner, Engineer, and consultants to have the same platform for document transfer and approval. The system automatically routes documents to the next level of approval, keeps track of what entities/individuals need to approve documents, and provides overall storage and organization of Program documents.
4. Garrison Diversion selected a PMIS by Unity Construct, which is used by entities around the country undertaking large capital projects. Unity Construct is a proprietary, cloud-based software that is used through a licensing agreement. The software has been customized for Garrison Diversion's needs. This task order includes the subscription cost of Unity Construct for the software licenses and administrative support. It is expected that the Unity Construct software solution will be fully integrated into processes starting with the projects that are advertised and bid in the 2023-25 biennium.
5. The use of a PMIS such as Unity Construct also allows the easy collection and presentation of project Key Performance Indicators (KPIs). KPIs may include such items as number of change orders, total cost of change orders versus project bid price, average time for submittal approvals, number of safety incidents, length of pipe installed, percentage of pipe installed compared to the contract amount, etc. This task order also includes provisions for using Power BI, a standard Microsoft product, to automatically gather and graphically present KPIs. The KPIs will be presented as part of routine Program reporting.

II. TASK ORDER OBJECTIVES

The objectives of this task order are as follows:

1. The first objective is to provide administrative services for the Unity Construct PMIS. This includes maintaining system level configuration and end-user support.
2. The second objective is to renew the Unity Construct PMIS subscription for the duration of this task order.
3. The third objective is to provide change management, including training of users and process owners as well as maintenance/updating system documentation.
4. The fourth objective is to identify new processes and configure those processes as task order funding allows.

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 the administration, training on, and continuous improvement of the PMIS system.
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 estimates 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.
6. Any assignment of a license agreement between Unity Construct and Engineer is transferable from Engineer to Garrison Diversion per Engineer's Partner Agreement with Unity Construct.
7. Garrison Diversion and Engineer maintain ownership of underlying data and files stored and organized within the Unity Construct PMIS per Engineer's Partner Agreement with Unity Construct.

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 – Unity Construct Subscription Renewal
- Task 3 – Administration of Unity Construct, a Project Management Information System
- Task 4 – Continuous Improvement Support
- Task 5 – Reporting and Dashboard Maintenance

1. Task 1 – Task Order Management and Administration

Engineer will provide the following services to the Owner:

- A. Manage and Administer Task Order. 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.

- B. Conduct Progress Meetings. Facilitate and attend monthly virtual team meetings with the task order execution team. These meeting will be provided under Task 3.

2. **Task 2 – Unity Construct Subscription Renewal**

Engineer will provide the following services to the Owner:

- A. Procurement of the Unity Construct PMIS subscription renewal licenses and support services. Details of the Annual Subscription for Unity Construct and Data Warehouse are included in Attachment B.
 - i. Annual Subscription
 - ii. Integration Support and Maintenance
 - iii. Customized Workflow Code Steps Maintenance
 - iv. DocuSign Integration Maintenance
 - v. Data Warehouse Access and Maintenance
- B. General Owner IT Vendor coordination for network coordination, service account configuration, and other subsequent tasks requiring IT support.

3. **Task 3 – Administration of Unity Construct, a Project Management Information System**

Engineer will provide the following services to the Owner:

- A. Prioritization of administrative activities. Provide a means to log system issues and prioritize tasks to manage users, processes, workflows, templates, reports, and forms. Administrator Role services are defined in Attachment C.
- B. Develop Administrative Workflows. Provide New Project and User Request workflows to support system operations.
- C. Coordination of administrative activities. Collaborate and facilitate conversations with key stakeholders and users to define and plan system modifications.
- D. Provide a resource to support a 3-month adoption period at 16-hours per week.
- E. Provide system administrative services for the remaining portion of the 2025-2027 Biennium consisting of 8 hours weekly to support system administration.
- F. Provide quarterly (8) end-user training sessions that include content preparation and delivery of training sessions.

4. **Task 4 – Continuous Improvement Support**

Engineer will provide the following services to the Owner:

- A. Change Board: Formalize a Change Board to ensure compliance with methods and standards for efficient and prompt handling of system enhancements and management.
- B. System Enhancements: Routine system review to identify any potential improvements in workflow and reporting.

- C. Unity Construct Code Step to Bundle Proposed Schedule Change Orders within the Change Order Approval process.
- D. Off-site staff training to support future implementation of advanced workflow processes, reporting, dashboards, cost tracking, funding allocations, etc.

5. **Task 5 – Reporting and Dashboards Maintenance**

Engineer will provide the following services to the owner:

- A. Data Pipeline Troubleshooting: adjust the data processing components that feed the reports and dashboards.
- B. Report Enhancements: implement additional calculations, visualizations, and reports to accommodate business needs.
- C. Integration support: provide guidance and support for integrating data from system to system.

V. **SPECIAL SERVICES**

None 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**
 - A. Project initiation meeting agenda and notes
 - B. Progress meeting agenda
2. **Task 2 - Unity Construct Subscription Renewal**
 - A. Unity Construct cloud based PMIS software solution renewal
3. **Task 3 – Administration of the Unity Construct system**
 - A. Administrator task logs available via Unity Construct Report.
 - B. Training and adoption
 - i. Training scope and gap analysis
 - ii. Virtual calls with trainers (those trained in the “train the trainer program”)
 - iii. Eight quarterly trainings with relevant content.
4. **Task 4 – Continuous Improvement Support**
 - A. Process improvement scope and implementation roadmap documentation
5. **Task 5 – Reporting and Dashboard Maintenance**
 - A. Dashboard revisions
 - B. Data Pipeline Troubleshooting

VII. ADDITIONAL SERVICES

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:

1. Additional system enhancements, including new workflows, integrations, forms, or code steps except those identified in Basic Services, which may be included in separate task orders.
2. Additional Power BI reports were not included as part of this task order. Additional reporting and dashboards can be included in a separate scope.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

1. Services of an IT consultant as it relates to the Microsoft Dynamics GP integration with Unity Construct. Owner will contract directly for these services, which will be necessary to provide a full integration. Engineer and its consultant will consult and coordinate with the Owner's IT consultant for configuration and implementation of the PMIS.
2. Interim Deliverable Review Requirements. The Owner commits to review periods for interim deliverables of no more than 14 calendar days after receipt of deliverables from Engineer.
3. 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 Six Hundred Eighty-Nine Thousand Dollars (\$689,000). 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.

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, are incorporated by reference.
2. Attachment A – Fee Estimate Worksheet
3. Attachment B – Unity Construct Subscription Summary
4. Attachment C – Administrator Roles

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 Worksheet



Garrison Diversion Conservancy District
Red River Valley Water Supply Project
RRVWSP TO 1630 - PMIS Phase 3 Unity Construct Licenses and On-going Support
BV Project No. TBD
Black & Veatch and Subconsultants

Task	Lead Firm	Task Description	Position	PMS	DES	SE2	RPR 2	COS 1	PJCS Sr	PAS Project Accountant Sr	PA1 Project Accountant 1	Labor Detail	Labor Detail	BV Labor Cost	Expense Detail	Expense Detail	Sub 2 Quoted Costs	Consultant	Consultant	Expense Detail	Sub Markup	Total Direct Expense	BV Level of Effort (hrs)	TOTAL	TOTAL	TOTAL	TOTAL
IV. BASIC SERVICES																											
1	BV	Task Order Management and Administration		12	24	0	24	0	24	72	24	180		\$35,292	\$1,649	\$67	0	\$0		\$0	\$1,716	180	\$35,292	\$1,716	\$37,008		
A	BV	Manage and Administer Task Order		12	24		24		24	72	24	180		\$35,292	\$1,649	\$67		\$0		\$0	\$1,716	180	\$35,292	\$1,716	\$37,008		
2	BV	Unity Construct Subscription Renewal		0	0	0	2	0	0	0	0	2		\$440	\$18	\$0	286,365	\$286,365	\$14,318	\$300,701	2	\$440	\$300,701	\$301,141			
A	BV	Unity Construct Elite Package Subscription (Unlimited Licenses + Add-ons)										0		\$0	\$0		\$270,600	\$270,600	\$13,530	\$284,130	0	\$0	\$284,130	\$284,130			
B	BV	One-time Additional Implementation Costs					2					2		\$440	\$18		\$9,000	\$9,000	\$450	\$9,468	2	\$440	\$9,468	\$9,908			
C	BV	DocuSign License										0		\$0	\$0		\$6,765	\$6,765	\$338	\$7,103	0	\$0	\$7,103	\$7,103			
3	BV	Administration of Unity Construct, a PMIS		24	222	104	386	0	0	0	0	736		\$170,134	\$6,742	\$0	0	\$0		\$0	\$6,742	736	\$170,134	\$6,742	\$176,876		
A	BV	Meetings and Workshops										0		\$0	\$0					\$0	\$0	0	\$0	\$0	\$0		
i	BV	Monthly Calls (24 Meetings Total + 1 hour prep/meeting)		24	72	104	104					304		\$65,344	\$2,785					\$0	\$2,785	304	\$65,344	\$2,785	\$68,129		
ii	BV	Quarterly Trainings (8 Trainings and Prep)					32					32		\$7,040	\$293					\$0	\$293	32	\$7,040	\$293	\$7,333		
B	BV	Year 1 - General System Administration (0.20 FTE + Adoption Support)			75		125					200		\$48,875	\$1,832					\$0	\$1,832	200	\$48,875	\$1,832	\$50,707		
C	BV	Year 2 - General System Administration (0.20 FTE)			75		125					200		\$48,875	\$1,832					\$0	\$1,832	200	\$48,875	\$1,832	\$50,707		
4	BV	Continuous Improvement Support		0	64	0	160	160	0	0	0	384		\$76,800	\$3,517	\$15,200	50,000	\$50,000	\$2,500	\$71,217	384	\$76,800	\$71,217	\$148,017			
A	BV	System Enhancements			64		160	160				384		\$76,800	\$3,517	\$15,200	50,000	\$50,000	\$2,500	\$71,217	384	\$76,800	\$71,217	\$148,017			
5	BV	Reporting and Dashboards Maintenance		8	24	80	12	12	0	0	0	136		\$24,712	\$1,246	\$0	0	\$0		\$0	\$1,246	136	\$24,712	\$1,246	\$25,958		
A	BV	Dashboard Development & Maintenance		8	24	80	12	12				136		\$24,712	\$1,246					\$0	\$1,246	136	\$24,712	\$1,246	\$25,958		
PROJECT TOTALS				44	334	184	584	172	24	72	24	1,438		\$307,378	\$13,172	\$15,267	\$336,365	\$336,365	\$16,818	\$381,622	1,438	\$307,378	\$381,622	\$689,000			

ATTACHMENT B

Unity Construct Cost Summary

The following details the investment summary for the **Annual Software Subscription** for the Unity Construct system.

Annual Software Subscription for Two Years

Item Description	Scope Variable	Year 1 Cost (12/19/2025 to 12/18/2026)	Year 2 Cost (12/19/2026 to 12/18/2027)
Unity Construct Elite Package Subscription	<ul style="list-style-type: none"> Unlimited Users Data Warehouse Maintenance Integration Maintenance Custom Development Maintenance 	\$132,000	\$138,600
One-Time Implementation Costs	<ul style="list-style-type: none"> COA Code Step Implementation 	\$9,000	
Total Annual Software Subscription		\$141,000	\$138,600
Total Subscription Cost		\$279,600	

Annual Subscription Includes

- Unlimited Users
- Unlimited Projects
- Unlimited Document Storage
- Unity Field
- 24x7 Technical Support
- Quarterly Enhancement/Upgrades
- Maintenance Releases
- AppXchange (8 Integration Points)
- Data Warehouse
- API Access
- Shared Trial Environment Capabilities

ATTACHMENT C**Administrator Roles**

The Administrator role performs administrative activities as represented in the following table:

Manage Users	Enable users to add/edit users for the projects they are a member of. UC Admin can add users, edit users, and remove users at the account level regardless of project membership if "Manage User" is selected in the role permissions.
Manage Memberships	Enable users to add/edit projects and users for the projects they are a member of. If the Add New Project permission is granted, this is at the account level.
Manage Processes	Enable users to add/edit processes and workflows of the projects they are a member of. UC Admin can create new processes and edit existing processes at the account level regardless of project membership if "Manage Processes" is selected in the role permissions even if the process is isolated to a project the user is not a member of.
Manage Workflows	Enable users to modify process instances on the projects they are a member of, such as overriding a workflow and delegating process instances. UC Admin can create new workflows and edit existing workflows at the account level regardless of project membership if "Manage Workflow" is selected in the role permissions even if the workflow is isolated to project that the user is not a member of.
Manage Cost Templates	Enable users to add/edit the budget, cash flow, and forecast templates of the projects they are a member of. UC Admin can manage forms at the account level regardless of project membership if "Manage Templates" is selected in the Cost module role permissions.
Manage Schedule Templates	Enable users to add/edit schedule templates of the projects they are a member of. UC Admin can manage schedule templates at the account level regardless of project membership if "Manage Templates" is selected in the Schedule module role permissions.
Manage Forms	Enable users to add/edit forms for the projects they are a member of. UC Admin can manage forms at the account level regardless of project membership if "Manage Form Types" is selected in the role permissions.
Manage Planning Templates	Enable users to add/edit planning templates of the projects they are a member of. UC Admin can edit planning templates at the account level regardless of project membership if "Manage Templates" is selected in the Planning module role permissions.
Automation	<ul style="list-style-type: none"> • Scheduled Tasks – if the Admin role is identified as a "Run Now" role, anyone in that role can view and choose to run the scheduled tasks now. • Report Subscriptions - UC Admin can manage all subscriptions at the account level if Subscribe is selected in the Report module permissions. UC Admin can copy user reports at the account level if "Copy" is selected in the Report module permissions.



2023 to 2025 Biennium Work Plan

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

August 5, 2025

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%
	Garrison Diversion Conservancy District Budget												
1.	Scope: Account for all costs for which Garrison Diversion is responsible not included in other Task Orders listed here. Need: Budget allocation for GDCD direct costs associated with the Red River Valley Water Supply Project.	Garrison Diversion's costs for the RRVWSP, including internal mgmt, admin, legal, communication, insurance advisory, misc., etc.		GDCD				\$ 1.00	\$ 0.75	\$ 0.25			
2.	Property, Easements, and Crop Damage Payments⁴ Scope: Costs to obtain easements and acquire property for associated facilities. Crop damage payments to landowners. 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.	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.		RRVWSP				\$ 2.21	\$ 1.66	\$ 0.55			
23	Transmission Pipeline East Contract 5C 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.	3± 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.	Jul-23 Nov-23	Prof Srvs Const, 2026 Fin							\$ 5.64	\$ 4.23	\$ 1.41
4.	Transmission Pipeline East Contract 5D 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.	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.	Jul-23 Oct-23	Prof Srvs Const, 2026 Fin							\$ 5.47	\$ 4.10	\$ 1.37
5.	RRV Transmission Pipeline Contract 6A 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± 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.	Jul-23 Dec-24	Prof Srvs Const, 2027 Fin							\$ 5.47	\$ 4.10	\$ 1.37
6.	ENDAWS Transmission Pipeline Contract 3 Scope: Final design (30% docs to biddable plans and specs) and bidding assistance. Need: Continue progress of transmission pipeline installation for completion of RRVWSP/ENDAWS by the target end date.	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.	Aug-23	ENDAWS		\$ 3.06	\$ 2.29	\$ 0.76			\$ 52.53	\$ 39.40	\$ 13.13
7.	Transmission Pipeline East Contracts 4A and 4B Scope: Final design (30% docs to biddable plans and specs) and bidding assistance. Need: Have the next pipeline section bid-ready when State funding becomes available (likely the 2025-27 biennium).	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 Hurdfield at HBTs.	Feb-24	Prof Srvs				\$ 7.18	\$ 5.39	\$ 1.80			

Annex V
25-64



2023 to 2025 Biennium Work Plan

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

August 5, 2025

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 Shewenne River southeast of Cooperstown.	Aug-23	Prof Svcs				\$ 2.93	\$ 2.19	\$ 0.73			
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance. 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.	Feb-24	Prof Svcs	\$ 0.75	\$ 0.56	\$ 0.19						
	Scope: Conceptual and preliminary design of an intake and pumping station at the McClusky Canal. 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.	Feb-24	Prof Svcs	\$ 2.87	\$ 2.15	\$ 0.72						24
	Scope: Conceptual and preliminary designs for a Biota WTP and Main Pumping Station, including hydraulic surge facility. 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.	Feb-24	Prof Svcs	\$ 0.37	\$ 0.28	\$ 0.09						
	Scope: Preliminary design of above-ground tanks and associated facilities at or near the continental divide. 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.	Feb-24	Vend & Prof Svcs				\$ 0.50	\$ 0.37	\$ 0.12			
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services. 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.	Aug-23	Prof Svcs				\$ 0.65	\$ 0.49	\$ 0.16			
	Scope: Overall program management, planning, budgeting, scheduling, and other support for Garrison Division. Need: Consulting services of a broad programmatic nature not included under project-specific design or construction TOs.												
14.	Outreach, Plng, 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.	Aug-23	Prof Svcs				\$ 1.69	\$ 1.27	\$ 0.42			
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments. Need: Define pipeline extensions to identify for users how and a what cost water will be delivered to their communities.												

Annex V
25-65



RED RIVER VALLEY
WATER SUPPLY PROJECT



2023 to 2025 Biennium Work Plan

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

August 5, 2025

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%
	Operational Planning and Asset Management Phase 3 Scope: System modeling, evaluation, planning, and report development documenting results/findings/outcomes. Need: Finalize Garrison Division, State Water Commission, and USACE roles for system operation.	Refine details of diversions to/from Lake Ashtabula. Finalize stakeholder roles and responsibilities as it relates to system operation.	Feb-24 Aug-25	Prof Srvs Prof Srvs				\$ 0.62	\$ 0.46	\$ 0.15			
	Financial Planning Support 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.	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 Srvs				\$ 0.59	\$ 0.44	\$ 0.15			
17. 25	Additional End-User Outreach Scope: Branch pipeline conceptual design and other consulting assistance to potential end-users. Need: Accurate water bill estimates and affordability for customers are necessary to gain approval from users.	Conceptual designs and other consulting support to support end-user understanding of core pipeline and applicable branch pipeline CapEx necessary to secure MDU signatures. Evaluate canal improvements necessary to deliver flows. Develop operational plan to supply irrigators and ENDAWS/RRVWSP system while improving delivered water quality.		Prof Srvs				\$ —	\$ —	\$ —			25
18.	McCluskey Canal Hydraulic & Water Quality Investigation Scope: Study and report on operation of the McCluskey Canal to reliably supply flow to irrigators and the ENDAWS project. Need: The McCluskey Canal and the Snake Creek Pumping Plant are critical components of the ENDAWS/RRVWSP system.	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 Srvs	\$ 0.44	\$ 0.33	\$ 0.11						
19.	ENDAWS Facilities Site Development Contract 1 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.	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 Srvs	\$ 0.88	\$ 0.66	\$ 0.22						
20.	ENDAWS BWTP Piloting and Treatability Study 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.	Pilot scale treatment train consisting of preliminary treatment, UV disinfection, chlorination, and residual chloramine treatment.	Apr-25	Prof Srvs	\$ —	\$ —	\$ —	\$ 0.87	\$ 0.65	\$ 0.22			
21.	ENDAWS Facilities Supplemental Geotechnical Invest. 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.	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 Srvs	\$ 0.89	\$ 0.66	\$ 0.22						
22.	ENDAWS Facilities Utility Extensions Study Scope: Study and report of electrical service extension to serve the new biota water treatment plant Need: There have been no recent studies of electrical service infrastructure necessary at the McCluskey facilities site.	Evaluate substation needs and routing of 15 to 25 miles of high-voltage power lines to serve the new BWTP. Identify permitting and easement requirements.		Prof Srvs	\$ —	\$ —	\$ —						Annex V 25-66



RED RIVER VALLEY
WATER SUPPLY PROJECT



2023 to 2025 Biennium Work Plan

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

August 5, 2025

No.	Scope of Work	Feature	Date Task Orders Auth	Note	2023-25 Biennium RRVWSP 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%
23.	ENDAWS Transmission Pipeline Contract 2												
	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.	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	1.78 \$	1.34 \$	0.45 \$						
24.	ENDAWS Transmission Pipeline Contract 1												
	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.	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.	Apr-25	Prof Svcs	1.95 \$	1.46 \$	0.49 \$						
25.	Contingency												
	Scope: A budget reserve for task order additions to professional services, construction, legal, real estate, etc. TOs.	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.		RRVWSP	- \$	- \$	- \$	- \$	- \$	- \$	6.30 \$	4.72 \$	1.57 \$
	Need: Address and pay for changes that are sure to occur.			MR&I							0.06 \$	0.05 \$	0.01 \$
26													26
TOTAL PROGRAM BUDGET					15.48 \$	11.61 \$	3.87 \$	19.02 \$	14.27 \$	4.76 \$	211.50 \$	158.62 \$	52.87 \$

Notes:

- Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
- Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
- 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.
- 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.
- 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.

Annex V
25-67



2025 to 2027 Biennium Work Plan

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

August 12, 2025

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 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.	Garrison Diversion's costs for the RRVWSP.	--	GDCD				\$ 1.00	\$ 0.75	\$ 0.25			
	Property, Easements, and Crop Damage Payments⁴ Scope: Crop damage payments to landowners and easement costs. Need: Treat landowners right and live up to commitments.	Easements for Washburn transmission main. Pay for crop damages program wide.	--	Crp Dmg				\$ 1.82	\$ 1.37	\$ 0.46			
3.	Red River Valley Transmission Pipeline Contract 6B 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.	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.	Jul-25 Oct-25	Prof Svcs Const, 2028 Fin							\$ 6.24	\$ 4.68	\$ 1.56
	Red River Valley Transmission Pipeline Contract 6C 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.	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.	Jul-25 Oct-25	Prof Svcs Const, 2028 Fin							\$ 7.14	\$ 5.35	\$ 1.78
5.	Red River Valley Transmission Pipeline Contract 7A 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.	6.5± mi of 72" pl, including three 96" tunnels. Pl section extends east from Ct 6C near Sutton to a termination point south of Cooperstown.	Jul-25 Dec-25	Prof Svcs Const, 2028 Fin							\$ 5.83	\$ 4.37	\$ 1.46
	McClusky Facilities Final Design Services & Bidding Assist 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.	165-cfs biota WTP, with chlorine and UV disinfection to meet NDPDES permit and FEIS requirements per Reclamation. Chloramines for residual disinfectant in pipeline.	Oct-25	Prof Svcs	\$ 15.00	\$ 11.25	\$ 3.75						
7.	MO River Pumping Sta, Trans Main, & Utilities Ext Ct 3 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.	Raw water pumping station and transmission main from Missouri River Pumping Station to the City of Washburn water treatment plant.	Jan-26 Jan-27 Jan-27	Prof Svcs Prof Svcs Const				\$ 0.40	\$ 0.30	\$ 0.10			
											\$	\$	\$



2025 to 2027 Biennium Work Plan

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

August 12, 2025

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.	Apr-26	Prof Srvs							\$ 1.20	\$ 0.90	\$ 0.30
	Scope: Construction and construction phase services for initial project at greenfield site. Need: Prepare site and ready it for future construction of the biota water treatment plant.		Apr-26	Const							\$ 12.00	\$ 9.00	\$ 3.00
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.	Jan-26	Prof Srvs	\$ 2.00	\$ 1.50	\$ 0.50						
	Scope: Final design services and bidding assistance for second construction project at the facilities site. Need: Complete specialty work ahead of the main biota water treatment plant construction.			Prof Srvs									
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.	Jan-26	Prof Srvs	\$ 1.50	\$ 1.13	\$ 0.38						
	Scope: Final design services and bidding assistance for power, natural gas, water utility extensions to the new sites. Need: There is no 3-phase power available at the site so one needs to be developed to supply power needs of new facility.												
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.	Jul-25	Prof Srvs				\$ 0.69	\$ 0.52	\$ 0.17			
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services. Need: Create greater efficiency and documentation for significant amount of construction related documents.												
12.	Program Management Support	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	Oct-25	Prof Srvs				\$ 0.75	\$ 0.56	\$ 0.19			
	Scope: Overall program management, planning, budgeting, scheduling, and other support for Garrison Diversion. Need: Consulting services of a broad programmatic nature not included under project-specific design or construction TOs.												
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.	Oct-25	Prof Srvs				\$ 2.00	\$ 1.50	\$ 0.50			
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments. Need: Define pipeline extensions to identify for users how and at what cost water will be delivered to their communities.												
14.	Operational Planning Phase 4	Refine details of diversions to/from Lake Ashtabula. Finalize stakeholder roles and responsibilities as it relates to system operation.	Oct-25	Prof Srvs				\$ 1.50	\$ 1.13	\$ 0.38			
	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.												

28

28

Annex VI
25-69



2025 to 2027 Biennium Work Plan

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

August 12, 2025

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												
	Scope: Continue to refine the financial model and provide scenarios as required to support users and the program.	Update financial models; address state loan and financing program changes; end user funding, financing, and cost-share analyses; continued funding and finance outreach.	Oct-25	Prof Svcs				\$ 0.60	\$ 0.45	\$ 0.15			
	Need: Accurate water bill estimates and affordability for customers are necessary to gain approval from users.												
	Contingency												
16.	Scope: A budget reserve for task order additions to professional services, construction, legal, real estate, etc. TOs.	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	GD CD	\$ 0.93	\$ 0.70	\$ 0.23	\$ 0.44	\$ 0.33	\$ 0.11	\$ 14.43	\$ 10.83	\$ 3.61
	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:

- Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
- Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
- 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.
- 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.

CHANGE ORDER

Change Order No. 7 - FinalDATE OF ISSUANCE December 19, 2025EFFECTIVE DATE December 19, 2025Owner: Garrison Diversion Conservancy DistrictContractor: Garney CompaniesProject: Red River Valley Water Supply Project, Transmission Pipeline EastOwner's Contract No.: 5BOwner's Task Order No.: 5532

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

Change Order Requests (CORs) Description:

	<u>Amount</u>	<u>Days</u>		<u>Amount</u>	<u>Days</u>
1. 2024 Crop Damage Reimbursement	(\$66,837.02)	--	12. COR38 Road Maintenance May 2025	\$47,230.76	--
2. 2025 Crop Damage Reimbursement	(\$36,343.51)	--	13. COR43 Road Maintenance Jun-Sept 2025	\$36,288.50	--
Subtotal	(\$103,180.53)	--	Subtotal	\$83,519.26	--
3. COR13: Deflected Pipe Credit (>2%)	(\$11,000.00)	--	14. COR39 Cathodic Protection System RMU	\$14,137.88	--
4. COR16: ROW Drainage July 2024	\$13,572.63	2	15. COR40 Access Drive Modifications	(\$54,685.99)	--
5. COR 26 ROW Drainage Aug 2024	\$10,834.50	--	16. COR42 Topsoil Maintenance June 2025	\$2,289.60	--
6. COR29: ROW Drainage Sept 2024	\$10,566.31	--	17. COR45 Topsoil Maintenance Aug 2025	\$572.40	--
7. COR32: ROW Drainage Oct 2024	\$10,834.50	--	Subtotal	\$2,862.00	--
8. COR35: ROW Drainage Nov 2024	\$9,371.88	--	18. 2023-24 Winter Season Ext (10/31/23 to 4/30/24)	--	182
Subtotal	\$55,179.82	2	19. Additional Inspection & Const Admin	(\$768,000.00)	--
9. COR37: Offs Dwtr Disch F-May '25	\$114,757.82	6	20. Reconciliation Bid Items 14, 19, 20, 22, 32 to Actual Quantities	(\$277,170.00)	--
10. COR41: Offs Dwtr Disch Jun '25	\$51,089.63	4	GRAND TOTAL CHANGE ORDER NO. 7	(\$738,856.45)	207
11. COR44: Offs Dwtr Disch Jul-O '25	\$153,633.66	13			
Subtotal	\$319,481.11	23			

Attachments: Crop damage notifications; Garney COR Nos. 13, 16, 26, 29, 32, 35, 37 to 45.**CHANGE IN CONTRACT PRICE:**

Original Contract Price:

\$45,961,700.00Increase from previously approved Change Order Nos. 1 to 6:\$2,575,668.87

Contract Price prior to this Change Order:

\$48,537,368.87Decrease of this Change Order:(\$738,856.45)

Contract Price incorporating this Change Order:

\$47,798,512.42

(4.0% Increase Over Original Contract Price)

CHANGE IN CONTRACT TIMES:

Original Contract Times:

Substantial Completion: September 30, 2023Ready for final payment: November 29, 2023

(days or dates)

Increase from previously approved Change Order Nos. 1 to 6:Substantial Completion: 122Ready for final payment: 122

(days)

Contract Times prior to this Change Order:

Substantial Completion: January 30, 2024Ready for final payment: March 30, 2024

(days or dates)

Increase of this Change Order:Substantial Completion: 207Ready for final payment: 207

(days)

Contract Times with all approved Change Orders:

Substantial Completion: August 24, 2024Ready for final payment: October 23, 2024

(days or dates)

ACCEPTED:

By: _____
Owner (Authorized Signature)

Printed: Duane DeKrey

Title: General Manager

Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)

Printed: _____

Title _____

Date: _____

Crop Damage Payments by GD CD
2024 and 2025 Construction Seasons
Credit



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY, STE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

Thursday, May 8, 2025

Garney Construction
 345 Inverness Dr S, Bldg B, Ste 205
 Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Garney's March 19, 2025, Letter re Garrison Diversion's 2024 Crop Damage Payments

Garrison Diversion in consideration of Garney Construction's letter of March 19, 2025, agrees to remove 18 acres of crop damages on the Rosenau property shown in Item No. 3 below. Garrison Diversion does not agree with the other assertions Garney made in its letter and maintains Garney is responsible for crop damages due to blocked drains (Item Nos. 6, 8, and 9) as put forth in the March 5, 2025, letter.

Item No.	Landowner	Crop Damage Description	Location Township/ Range Section	Crop	Acres	Average Yield (bu/ac or ton/ac)	Crop Price (\$/bu or \$/ton)	Crop Damage Reimb Claim
1	Gene Doeling	Second season of easement disturbance	146/65 32 NE ¼	Soybeans	9.42	29.00	\$11.12	\$3,037.76
2	Dan Rosenau	Second season of easement disturbance	146/66 27 SE ¼	Corn Silage	2.86	21.61	\$25.23	\$1,559.33
3	Troy & Thad Rosenau	Blocked drain (see attached info)	146/65 29 SE ¼	Soybeans	18.00	36.00	\$9.45	\$6,123.60
4	Troy & Thad Rosenau	Second season of easement disturbance	146/65 32 NW ¼	Corn	11.46	154.91	\$4.03	\$7,154.33
5	Cornelia VanBedaf	Second season of easement disturbance	146/66 26 S ½	Corn Silage	18.16	8.63	\$36.00	\$5,641.95
6	Doug Zink	Second season of easement disturbance; 3 acres due to blocked drain	146/66 25 SW ¼	Corn	12.10	245.10	\$4.95	\$14,680.26
7	Doug Zink	Second season of easement disturbance	146/66 25 SE ¼	Corn	9.17	245.10	\$4.95	\$11,125.46
8	Doug Zink	Second season of easement disturbance; 4 acres due to blocked drain	146/65 30 SW ¼	Soybeans	12.52	63.80	\$10.69	\$8,538.92
9	Doug Zink	Second season of easement disturbance; 4 acres due to blocked drain	146/65 30 SE ¼	Soybeans	13.16	63.80	\$10.69	\$8,975.41
--	--	Totals	--	--	106.85	--	--	\$66,837.02

Garrison Diversion intends to credit Contract 5B through upcoming Change Order No. 7. If you have further questions about these crop damage claims, please contact Garrison Diversion.

Sincerely,
 BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

lo/KAR; enclosures

cc: Kip Kovar, GDCD; Scott Mehring, GDCD; Mark Funston, BV; Vance Miller, BV; File



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY, STE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

Wednesday, December 3, 2025

Garney Construction
 345 Inverness Dr S, Bldg B, Ste 205
 Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Garrison Diversion's 2025 Crop Damage Payments Estimate Notification

Garrison Diversion expects to make payments to landowners for crop damages either caused by Garney Construction's operations or for which Garney is responsible to pay under the Contract.

Item No.	Landowner	Crop Damage Description	Parcel No.	Crop	Acres	Average Yield (bu/ac or ton/ac)	Crop Price (\$/bu or \$/ton)	Crop Damage Reimb Estimate
1	Justin Cook	Second season of easement disturbance	146066028	Corn	5.00	139.00	\$4.95	\$3,440.25
2	Doug Zink	Second season of easement disturbance	146066027	Corn	14.93	245.00	\$4.95	\$18,106.36
3	Van Bedaf	Second season of easement disturbance	146066026	Silage	18.16	8.63	\$36.00	\$5,641.95
4	Dan Rosenau	Second season of easement disturbance	146066027	Beans	2.63	39.35	\$13.63	\$1,410.58
5	Doug Zink	Second season of easement disturbance	146066025	Beans	6.79	66.10	\$13.63	\$6,117.40
6	Doug Zink	Equipment drove off the easement	146066030	Corn	1.32	249.00	\$4.95	\$1,626.97
--	--	Totals	--	--	48.83	--	--	\$36,343.51

Garrison Diversion intends to credit the Contract 5B project for these payments through upcoming Change Order No. 7. Please contact us if you would like to discuss or if you have further questions about these crop damage estimates administered and paid by Garrison Diversion.

Sincerely,
 BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

lo/KAR; enclosures

cc: Kip Kovar, GDCD; Scott Mehring, GDCD; Mark Funston, BV; Vance Miller, BV; File

Change Order Request No. 13

Deflected Pipe (2% to 3%)

Credit



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 13 – Deflected Pipe Credit

Information Referenced:

- Garney Change Order Request (COR) No. 13 dated June 19, 2024

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the credit of (\$11,000.00) offered by Garney Construction be accepted.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCCD
Mark Funston, BV
Vance Miller, BV



Title: 2% to 3% Deflected Pipe Credit

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 06/19/2024

Garney Construction Job Number: 7385

Customer Job Number:

Customer Reference Number: TO 5532

Our Information

Garney Construction

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Description of Change Order Request

Credit for pipe that does not meet specified 2% deflection, but is within AWWA 3% tolerance.

Other

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description	Qty of Other	Unit of Measure	Rate	Total Cost
Deflected Pipe Mk. #493 (original Mk #261) Spigot - STA 6930+22 - 2.1%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #494 (original Mk #262) Bell - STA 6930+22 - 2.4%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #308 Spigot - STA 6906+82 - 2.2%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #309 Spigot - STA 6906+32 - 2.8%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #305 Bell (original Mk #314) - STA 6904+38 - 2.8%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #475 Spigot - STA 6825+21- 2.4%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #549 (original Mk #476) Bell - STA 6825+21 - 2.1%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #505 Spigot - STA 6810+27 - 2.4%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #228 (original Mk #506) Bell - STA 6810+27 - 2.8%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #270 (original Mk #544) Spigot - STA 6791+82 - 2.6%	1	EA	\$-1,000.00	\$-1,000.00
Deflected Pipe Mk. #545 Bell - STA 6791+82 - 2.1%	1	EA	\$-1,000.00	\$-1,000.00
Total Other:				\$-11,000.00

Subtotal		\$-11,000.00
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$0.00
Contractor Fee on Labor (Labor)	15.000%	\$0.00
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	0.000%	\$0.00
Requested Total		\$-11,000.00

Terms & Conditions

Change Order Request Nos. 16, 26, 29, 32, 35

ROW Drainage

July 2024

August 2024

September 2024

October 2025

November 2025



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

November 15, 2024

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 16 – Zink ROW Flooding July 2024

Information Referenced:

- Garney Change Order Request (COR) No. 16 dated August 20, 2024

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$13,572.63 for pumping drainage water across the easement near the Canadian Pacific Railway crossing be included in a forthcoming change order. There is 2-day time extension request for this additional work, which we find acceptable.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCD
Mark Funston, BV
Vance Miller, BV



Title: Zink ROW Flooding

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 08/20/2024

T&M Tag Numbers: EX00014

Garney Construction Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Construction

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Description of Change Order Request

Costs for the operation and maintenance of 4" pumps for Zink ROW Flooding for the month of July. Construction of an additional access drive for Mr. Zink to access field.

Garney Construction is requesting 2 additional contract days for work preformed in COR 016.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00014 - Operator / Construction of Access Drive	3	ST	\$53.63	\$160.89
Tag EX00014 - Superintendent / Administrative Time	1	ST	\$108.53	\$108.53
Tag EX00014 - Operator / Fueling and Maintenance of 4" Pumps	15.5	ST	\$53.63	\$831.27
Tag EX00014 - Project Manager / Administrative Time	3	ST	\$127.89	\$383.67
Hours Subtotals: ST: 22.5			Total Labor:	\$1,484.36

Material

Description	Qty of Material	Unit of Measure	Rate	Total Cost
Tag EX00014 - 1-1/2" Aggregate	23.1	Tons	\$36.00	\$831.60
Tag EX00014 - Class 5 Aggregate	46.2	Tons	\$13.75	\$635.25
			Total Material:	\$1,466.85

Equipment

42

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00014 - JD 744 EQUIPMENT COST - HOUR	3	hour	\$105.00	\$315.00
Tag EX00014 - JD 744 OPERATING COST - HOUR	3	hour	\$60.80	\$182.40
Tag EX00014 - CREW TRUCK EQUIPMENT COST - HOUR	15.5	hour	\$8.00	\$124.00
Tag EX00014 - CREW TRUCK OPERATING COST - HOUR	15.5	hour	\$23.90	\$370.45
Tag EX00014 - PUMP (4") EQUIPMENT COST - MONTH	1	month	\$1,455.00	\$1,455.00
Tag EX00014 - PUMP (4") OPERATING COST - HOUR	744	hour	\$10.12	\$7,529.28
Total Equipment:				\$9,976.13

Subtotal		\$12,927.34
Tax on Material (Materials)	5.000%	\$73.34
Subcontractor Markup (Subcontractor)	5.000%	\$0.00
Contractor Fee on Labor (Labor)	15.000%	\$222.65
Contractor Fee on Material (Materials)	15.000%	\$220.03
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$129.27
Requested Total		\$13,572.63

Terms & Conditions



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

November 15, 2024

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 26 – Zink ROW Flooding August 2024

Information Referenced:

- Garney Change Order Request (COR) No. 26 dated September 25, 2024

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$10,834.50 for pumping drainage water across the easement near the Canadian Pacific Railway crossing be included in a forthcoming change order. There is no time extension request for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCCD
Mark Funston, BV
Vance Miller, BV



Title: Zink R.O.W. Flooding - August 2024

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 09/25/2024

T&M Tag Numbers: EX00021

Garney Construction Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Construction

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington, ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Costs for the operation and maintenance of 4" pumps for Zink R.O.W. Flooding for the month of August.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00021 - Operator / Fueling and Maintenance of 4" Pumps	15.5	ST	\$53.63	\$831.27
Tag EX00021 - Project Manager / Administrative Time	2	ST	\$127.89	\$255.78
Hours Subtotals: ST: 17.5			Total Labor:	\$1,087.05

Equipment

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00021 - CREW TRUCK EQUIPMENT COST - HOUR	15.5	HOUR	\$8.00	\$124.00
Tag EX00021 - CREW TRUCK OPERATING COST - HOUR	15.5	HOUR	\$23.90	\$370.45
Tag EX00021 - PUMP (4") EQUIPMENT COST - MONTH	1	MONTH	\$1,455.00	\$1,455.00
Tag EX00021 - PUMP (4") OPERATING COST - HOUR	744	HOUR	\$10.12	\$7,529.28
			Total Equipment:	\$9,478.73

Subtotal		\$10,565.78
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$0.00
Contractor Fee on Labor (Labor)	15.000%	\$163.06
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$105.66
Requested Total		\$10,834.50

Terms & Conditions



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

November 15, 2024

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 29 – Zink ROW Flooding September 2024

Information Referenced:

- Garney Change Order Request (COR) No. 29 dated October 24, 2024

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$10,566.31 for pumping drainage water across the easement near the Canadian Pacific Railway crossing included in a forthcoming change order. There is no time extension request for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCCD
Mark Funston, BV
Vance Miller, BV



Title: Zink R.O.W. Flooding - September 2024

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 10/24/2024

T&M Tag Numbers: EX00025

Garney Construction Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Construction

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Costs for the operation and maintenance of 4" pumps for Zink R.O.W. Flooding for the month of September.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Project Manager	1	ST	\$127.89	\$127.89
Tag EX00025 - Operator / Fueling and Maintenance of 4" Pumps	15	ST	\$53.63	\$804.45
Tag EX00025 - Project Engineer / Administrative Time	2	ST	\$74.44	\$148.88
Hours Subtotals: ST: 18			Total Labor:	\$1,081.22

Equipment

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00025 - CREW TRUCK EQUIPMENT COST - HOUR	15	HOUR	\$8.00	\$120.00
Tag EX00025 - CREW TRUCK OPERATING COST - HOUR	15	HOUR	\$23.90	\$358.50
Tag EX00025 - PUMP (4") EQUIPMENT COST - MONTH	1	MONTH	\$1,455.00	\$1,455.00
Tag EX00025 - PUMP (4") OPERATING COST - HOUR	720	HOUR	\$10.12	\$7,286.40
			Total Equipment:	\$9,219.90

Subtotal			\$10,301.12
Tax on Material (Materials)	5.000%	\$0.00	
Subcontractor Markup (Subcontractor)	5.000%	\$0.00	
Contractor Fee on Labor (Labor)	15.000%	\$162.18	
Contractor Fee on Material (Materials)	15.000%	\$0.00	
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00	
Direct Cost of Bond Premium (Subtotal)	1.000%	\$103.01	
Requested Total			\$10,566.31

Terms & Conditions



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

November 15, 2024

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 32 – Zink ROW Flooding October 2024

Information Referenced:

- Garney Change Order Request (COR) No. 32 dated November 9, 2024

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$10,834.50 for pumping drainage water across the easement near the Canadian Pacific Railway crossing be included in a forthcoming change order. There is no time extension request for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCCD
Mark Funston, BV
Vance Miller, BV



Title: Zink ROW Flooding - October 2024

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 11/09/2024

T&M Tag Numbers: EX00036

Garney Construction Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Construction

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Costs for the operation and maintenance of 4" pumps for Zink ROW Flooding for the month of October.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00036 - Operator	15.5	ST	\$53.63	\$831.27
Tag EX00036 - Project Manager	2	ST	\$127.89	\$255.78
Hours Subtotals: ST: 17.5			Total Labor:	\$1,087.05

Equipment

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00036 - CREW TRUCK EQUIPMENT COST - HOUR	15.5	HOUR	\$8.00	\$124.00
Tag EX00036 - CREW TRUCK OPERATING COST - HOUR	15.5	HOUR	\$23.90	\$370.45
Tag EX00036 - PUMP (4") EQUIPMENT COST - MONTH	1	MONTH	\$1,455.00	\$1,455.00
Tag EX00036 - PUMP (4") OPERATING COST - HOUR	744	HOUR	\$10.12	\$7,529.28
			Total Equipment:	\$9,478.73

Subtotal		\$10,565.78
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$0.00
Contractor Fee on Labor (Labor)	15.000%	\$163.06
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$105.66
Requested Total		\$10,834.50

Terms & Conditions



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

January 16, 2025

Garney Construction
345 Inverness Drive S, Bldg B, Ste 205
Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 35 – Zink ROW Flooding November 2024

Information Referenced:

- Garney COR No. 35 dated December 13, 2024

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$9,371.88 be included in a forthcoming change order. The additional cost is for pumping drainage water across the easement near the Canadian Pacific Railway crossing, which was a condition not present when bids were taken. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,
BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GD CD
Scott Mehring, GD CD
Mark Funston, BV
Vance Miller, BV



Title: Zink R.O.W. Flooding - November 2024

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 12/13/2024

T&M Tag Numbers: EX00045

Garney Construction Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Construction

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Costs for the operation and maintenance of 4" pumps for Zink R.O.W. Flooding for the month of November. Pumps ceased operation on 11/26/24

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00045 - Operator	13	ST	\$53.63	\$697.19
Tag EX00045 - Project Manager	2	ST	\$127.89	\$255.78
Hours Subtotals: ST: 15			Total Labor:	\$952.97

Equipment

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00045 - CREW TRUCK EQUIPMENT COST - HOUR	13	HOUR	\$8.00	\$104.00
Tag EX00045 - CREW TRUCK OPERATING COST - HOUR	13	HOUR	\$23.90	\$310.70
Tag EX00045 - PUMP (4") OPERATING COST - HOUR	624	HOUR	\$10.12	\$6,314.88
Tag EX00045 - PUMP (4") EQUIPMENT COST - MONTH	1	MONTH	\$1,455.00	\$1,455.00
			Total Equipment:	\$8,184.58

Subtotal		\$9,137.55
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$0.00
Contractor Fee on Labor (Labor)	15.000%	\$142.95
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$91.38
Requested Total		\$9,371.88

Terms & Conditions

Change Order Request Nos. 37, 41, 44

Offsite Dewatering Discharge

May 2025

June 2025

July - October 2025



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY, STE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
345 Inverness Drive S, Bldg B, Ste 205
Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 37 – Offsite Dewatering Discharge, February-May 2025

Information Referenced:

- Garney COR No. 37 R1 dated August 11, 2025

The referenced change order requests an addition of \$114,757.82 to the Contract Amount and a 6-day extension to the Contract Time.

This COR is for off-easement disposal of trench groundwater by Garney Construction. As concluded under previous change order requests for similar work, BV determined that transporting water off the easement to the degree required under Contract 5B could not have been anticipated by contractors at bid time. Therefore, BV reviewed the costs and finds Garney provided sufficient documentation and backup to justify the added cost of \$114,757.82.

BV recommends to Garrison Diversion that a \$114,757.82 increase to the Contract Amount and a 6-day extension to the Contract Time be accepted and included in a forthcoming change order.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GD CD; Scott Mehring, GD CD; Mark Funston, BV; Vance Miller, BV; File



Title: Off-Site Discharge Dewatering - February 2025, March 2025, April 2025, May 2025

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 08/11/2025

T&M Tag Numbers: EX00047

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Labor, equipment, material and subcontractor costs for conveying dewatering discharge off-site for February 2025 through May 2025.

Garney requests 6 additional calendar days of contract time for this change order work.

COR #037 Includes:

- Garney labor & equipment hours for conveying water off-site, verified by Black & Veatch representative with a signed T&M tags (tickets) for May 2025:
 - **T&M Tag EX00047:**
 - Water from ARV manhole 6799+91 (72nd) was conveyed off-site utilizing a water truck on Weds 5/28.
 - Water from ARV manhole 6825+50 (72nd/73rd) was conveyed off-site utilizing a water truck on Fri 5/30.
- Costs for off-site dewatering discharge materials.
- Subcontractor costs for Northern Dewatering for off-site dewatering discharge materials,

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00047 - Operator	10.00	ST	\$53.63	\$536.30
Tag EX00047 - Operator	5.00	ST	\$53.63	\$268.15
Hours Subtotals: ST: 15.00			Total Labor:	\$804.45

Material

Description	Qty of Material	Unit of Measure	Rate	Total Cost
AIS Industrial & Construction Supply - Discharge Hoses	0.50	LS	\$2,682.72	\$1,341.36
			Total Material:	\$1,341.36

Equipment

55

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00047 - WATER TRUCK OPERATING COST - HOUR	10.00	HOUR	\$32.52	\$325.20
Tag EX00047 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00047 - WATER TRUCK EQUIPMENT COST - HOUR	5.00	HOUR	\$17.00	\$85.00
Tag EX00047 - WATER TRUCK OPERATING COST - HOUR	5.00	HOUR	\$32.52	\$162.60
Total Equipment:				\$682.80

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Northern Dewatering	Off-Site Discharge Pipe - February 2025 - Invoice #44413	1.00	LS	\$24,546.66	\$24,546.66
Northern Dewatering	Off-Site Discharge Pipe - March 2025 - Invoice #44521	1.00	LS	\$27,176.66	\$27,176.66
Northern Dewatering	Off-Site Discharge Pipe - April 2025 - Invoice #44521	1.00	LS	\$26,300.00	\$26,300.00
Northern Dewatering	Off-Site Discharge Pipe - May 2025 - Invoice #44884	1.00	LS	\$27,176.66	\$27,176.66
Total Subcontractor:					\$105,199.98

Subtotal		\$108,028.59
Tax on Material (Materials)	5.000%	\$67.07
Subcontractor Markup (Subcontractor)	5.000%	\$5,260.00
Contractor Fee on Labor (Labor)	15.000%	\$120.67
Contractor Fee on Material (Materials)	15.000%	\$201.20
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$1,080.29
Requested Total		\$114,757.82

Terms & Conditions



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY, STE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

August 15, 2025

Garney Construction
 345 Inverness Drive S, Bldg B, Ste 205
 Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 41 – Offsite Dewatering Discharge, June 2025

Information Referenced:

- Garney COR No. 41 dated July 9, 2025

The referenced change order requests an addition of \$51,089.63 to the Contract Amount and a 4-day extension to the Contract Time.

This COR is for off-easement disposal of trench groundwater by Garney Construction. As concluded under previous change order requests for similar work, BV determined that transporting water off the easement to the degree required under Contract 5B could not have been anticipated by contractors at bid time. Therefore, BV reviewed the costs and finds Garney provided sufficient documentation and backup to justify the added cost of \$51,089.63.

BV recommends to Garrison Diversion that a \$51,089.63 increase to the Contract Amount and a 4-day extension to the Contract Time be accepted and included in a forthcoming change order.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

cc: Kip Kovar, GD CD; Scott Mehring, GD CD; Mark Funston, BV; Vance Miller, BV; File



Title: Off-Site Discharge - June 2025

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 07/09/2025

T&M Tag Numbers: EX00051

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington, ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Labor, equipment, material, and subcontractor costs for conveying dewatering discharge off-site for June 2025.

Garney requests 4 additional calendar days of contract time for this change order work.

COR #041 Includes:

- Garney labor & equipment hours for conveying water off-site, verified by Black & Veatch representative with a signed T&M tag (ticket) for June 2025
 - **T&M Tag EX00051:**
 - Water from ARV manhole 6799+91 (72nd) was conveyed off-site utilizing a water truck on Weds 6/4.
 - Surface water from R.O.W. at 6799+50 (72nd) was conveyed off-site utilizing a water truck and 4" diesel pump on Weds 6/25, Thurs 6/26, Fri 6/27, and Mon 6/30.
- Subcontractor costs for Northern Dewatering for off-site dewatering discharge materials.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00051 - Superintendent	5.00	ST	\$108.53	\$542.65
Tag EX00051 - Operator	5.00	ST	\$53.63	\$268.15
Tag EX00051 - Superintendent	2.00	ST	\$108.53	\$217.06
Tag EX00051 - Operator	11.00	ST	\$53.63	\$589.93
Tag EX00051 - Laborer	11.00	ST	\$41.26	\$453.86
Tag EX00051 - Project Engineer	2.00	ST	\$74.44	\$148.88
Tag EX00051 - Operator	10.00	ST	\$53.63	\$536.30
Tag EX00051 - Laborer	10.00	ST	\$41.26	\$412.60
Tag EX00051 - Operator	10.00	ST	\$53.63	\$536.30
Tag EX00051 - Laborer	10.00	ST	\$41.26	\$412.60
Tag EX00051 - Project Engineer	2.00	ST	\$74.44	\$148.88
Tag EX00051 - Operator	10.00	ST	\$53.63	\$536.30
Tag EX00051 - Laborer	10.00	ST	\$41.26	\$412.60
Hours Subtotals: ST: 98.00			Total Labor:	\$5,216.11

58

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00051 - WATER TRUCK EQUIPMENT COST - HOUR	5.00	HOUR	\$17.00	\$85.00
Tag EX00051 - WATER TRUCK OPERATING COST - HOUR	5.00	HOUR	\$32.52	\$162.60
Tag EX00051 - SUPER TRUCK EQUIPMENT COST - HOUR	5.00	HOUR	\$15.00	\$75.00
Tag EX00051 - SUPER TRUCK OPERATING COST - HOUR	2.00	HOUR	\$32.22	\$64.44
Tag EX00051 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00051 - WATER TRUCK OPERATING COST - HOUR	10.00	HOUR	\$32.52	\$325.20
Tag EX00051 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$105.00	\$105.00
Tag EX00051 - PUMP (4") OPERATING COST - HOUR	10.00	HOUR	\$10.12	\$101.20
Tag EX00051 - SUPER TRUCK EQUIPMENT COST - HOUR	2.00	HOUR	\$15.00	\$30.00
Tag EX00051 - SUPER TRUCK OPERATING COST - HOUR	2.00	HOUR	\$32.22	\$64.44
Tag EX00051 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00051 - WATER TRUCK OPERATING COST - HOUR	10.00	HOUR	\$32.52	\$325.20
Tag EX00051 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$105.00	\$105.00
Tag EX00051 - PUMP (4") OPERATING COST - HOUR	10.00	HOUR	\$10.12	\$101.20
Tag EX00051 - ADMIN TRUCK EQUIPMENT COST - HOUR	2.00	HOUR	\$11.00	\$22.00
Tag EX00051 - ADMIN TRUCK OPERATING COST - HOUR	2.00	HOUR	\$24.74	\$49.48
Tag EX00051 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00051 - WATER TRUCK OPERATING COST - HOUR	10.00	HOUR	\$32.52	\$325.20
Tag EX00051 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$105.00	\$105.00
Tag EX00051 - PUMP (4") OPERATING COST - HOUR	10.00	HOUR	\$10.12	\$101.20
Tag EX00051 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00051 - WATER TRUCK OPERATING COST - HOUR	10.00	HOUR	\$32.52	\$325.20
Tag EX00051 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$105.00	\$105.00
Tag EX00051 - PUMP (4") OPERATING COST - HOUR	10.00	HOUR	\$10.12	\$101.20
	2.00	HOUR	\$11.00	\$22.00

58

Tag EX00051 - ADMIN TRUCK	59			
EQUIPMENT COST - HOUR				
Tag EX00051 - ADMIN TRUCK	2.00	HOUR	\$24.74	\$49.48
OPERATING COST - HOUR				
Total Equipment:				\$3,190.04

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Northern Dewatering	Off-Site Discharge Pipe - June 2025 - Invoice #45010	1.00	LS	\$39,450.00	\$39,450.00
Total Subcontractor:					\$39,450.00

Subtotal		\$47,856.15
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$1,972.50
Contractor Fee on Labor (Labor)	15.000%	\$782.42
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$478.56
Requested Total		\$51,089.63

Terms & Conditions



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY, STE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
 345 Inverness Drive S, Bldg B, Ste 205
 Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 44 – Offsite Dewatering Discharge, July - October 2025

Information Referenced:

- Garney COR No. 44 dated July 9, 2025

The referenced change order requests an addition of \$153,633.66 to the Contract Amount and a 13-day extension to the Contract Time.

This COR is for off-easement disposal of trench groundwater by Garney Construction. As concluded under previous change order requests for similar work, BV determined that transporting water off the easement to the degree required under Contract 5B could not have been anticipated by contractors at bid time. Therefore, BV reviewed the costs and finds Garney provided sufficient documentation and backup to justify the added cost of \$153,633.66.

BV recommends to Garrison Diversion that a \$153,633.66 increase to the Contract Amount and a 13-day extension to the Contract Time be accepted and included in a forthcoming change order.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

cc: Kip Kovar, GD CD; Scott Mehring, GD CD; Mark Funston, BV; Vance Miller, BV; File



Title: Off-Site Discharge - July, August, September, October 2025
Project Name: Red River Valley Water Supply Project, Contract 5B
Project Address: 318 U.S. 281
 Carrington, ND 58421
COR Date: 12/02/2025
T&M Tag Numbers: EX00053, EX00054, EX00057, EX00058
Garney Companies Inc. Job Number: 7385
Customer Job Number:
Customer Reference Number: TO5532

Our Information

Garney Companies Inc.
 1700 Swift Street, Suite 200
 North Kansas City, MO 64116
Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy
 401 US-281
 Carrington, ND 58421
Phone: (701)-652-3194

Description of Change Order Request

Labor, equipment, material, and subcontractor costs for conveying dewatering discharge off-site for July, August, September, and October 2025.

Garney requests 13 additional calendar days of contract time for this change order work.

COR #044 Includes:

- Garney labor & equipment hours for conveying water off-site, verified by Black & Veatch representative with signed T&M tags (tickets) for July, August, September, October 2025.
 - **T&M Tag EX00053:**
 - Surface water from R.O.W. at 6799+50 (72nd) was conveyed off-site utilizing a water truck and 4" diesel pump on 7/1, 7/9, and 7/10. (4" diesel pump costs removed).
 - **T&M Tag EX00054:**
 - Labor & equipment to dismantle and clean off-site discharge pipe on 7/14, 7/16, 7/25, and 7/29.
 - **T&M Tag EX00057:**
 - Surface water from R.O.W. from CPRR to 68th was conveyed off-site utilizing 4" pumps and Stage 6 & 7 off-site discharge pipe 8/14, 8/15, 8/16, 8/18, 8/19, 8/20, 8/21, 8/25. Also includes time dismantling Stage 6 & 7 pipe, assisting Northern Dewatering.
 - **T&M Tag EX00058:**
 - Water from ARV manhole at 6799+95 (72nd) was conveyed off-site utilizing a water truck on 10/3.
- Costs for off-site dewatering discharge materials - 4" plugs for discharge pipe outlets
- Subcontractor costs for Northern Dewatering for off-site dewatering discharge materials.

Labor

62

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Tag EX00053 - Operator	8.00	ST	\$53.63	\$429.04
Tag EX00053 - Laborer	8.00	ST	\$41.26	\$330.08
Tag EX00053 - Operator	11.00	ST	\$53.63	\$589.93
Tag EX00053 - Laborer	11.00	ST	\$41.26	\$453.86
Tag EX00053 - Operator	11.00	ST	\$53.63	\$589.93
Tag EX00053 - Laborer	11.00	ST	\$41.26	\$453.86
Tag EX00054 - Superintendent	8.00	ST	\$108.53	\$868.24
Tag EX00054 - Project Engineer	8.00	ST	\$74.44	\$595.52
Tag EX00054 - Operator	16.00	ST	\$53.63	\$858.08
Tag EX00054 - Laborer	24.00	ST	\$41.26	\$990.24
Tag EX00054 - Superintendent	8.00	ST	\$108.53	\$868.24
Tag EX00054 - Project Engineer	8.00	ST	\$74.44	\$595.52
Tag EX00054 - Operator	16.00	ST	\$53.63	\$858.08
Tag EX00054 - Laborer	24.00	ST	\$41.26	\$990.24
Tag EX00054 - Project Engineer	4.00	ST	\$74.44	\$297.76
Tag EX00054 - Operator	24.00	ST	\$53.63	\$1,287.12
Tag EX00054 - Laborer	36.00	ST	\$41.26	\$1,485.36
Tag EX00054 - Laborer	10.00	ST	\$41.26	\$412.60
Tag EX00057 - Superintendent	12.00	ST	\$108.53	\$1,302.36
Tag EX00057 - Operator	6.00	ST	\$53.63	\$321.78
Tag EX00057 - Laborer	24.00	ST	\$41.26	\$990.24
Tag EX00057 - Superintendent	11.00	ST	\$108.53	\$1,193.83
Tag EX00057 - Operator	6.00	ST	\$53.63	\$321.78
Tag EX00057 - Laborer	22.00	ST	\$41.26	\$907.72
Tag EX00057 - Superintendent	12.00	ST	\$108.53	\$1,302.36
Tag EX00057 - Operator	6.00	ST	\$53.63	\$321.78
Tag EX00057 - Laborer	24.00	ST	\$41.26	\$990.24
Tag EX00057 - Superintendent	12.00	ST	\$108.53	\$1,302.36
Tag EX00057 - Operator	6.00	ST	\$53.63	\$321.78
Tag EX00057 - Laborer	24.00	ST	\$41.26	\$990.24
Tag EX00057 - Superintendent	10.00	ST	\$108.53	\$1,085.30
Tag EX00057 - Operator	5.00	ST	\$53.63	\$268.15
Tag EX00057 - Laborer	20.00	ST	\$41.26	\$825.20
Tag EX00057 - Project Engineer	10.00	ST	\$74.44	\$744.40
Tag EX00057 - Operator	5.00	ST	\$53.63	\$268.15
Tag EX00057 - Laborer	20.00	ST	\$41.26	\$825.20
Tag EX00057 - Laborer	12.00	ST	\$41.26	\$495.12
Tag EX00057 - Project Engineer	3.00	ST	\$74.44	\$223.32
Tag EX00057 - Laborer	9.00	ST	\$41.26	\$371.34
Tag EX00057 - Superintendent	10.00	ST	\$108.53	\$1,085.30
Tag EX00057 - Laborer	20.00	ST	\$41.26	\$825.20
Tag EX00058 - Superintendent	5.00	ST	\$108.53	\$542.65

62

Tag EX00058 - Operator	5.00	ST	\$53.63	\$268.15
Tag EX00058 - Laborer	10.00	ST	\$41.26	\$412.60
Project Manager	2.00	ST	\$127.89	\$255.78
Project Engineer	6.00	ST	\$74.44	\$446.64
Hours Subtotals: ST: 563.00			Total Labor:	\$32,162.67

Material

Description	Qty of Material	Unit of Measure	Rate	Total Cost
Grainger - 4" Plugs	1.00	LS	\$572.50	\$572.50
			Total Material:	\$572.50

Equipment

64

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00053 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00053 - WATER TRUCK OPERATING COST - HOUR	8.00	HOUR	\$32.52	\$260.16
Tag EX00053 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$0.00	\$0.00
Tag EX00053 - PUMP (4") OPERATING COST - HOUR	8.00	HOUR	\$0.00	\$0.00
Tag EX00053 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00053 - WATER TRUCK OPERATING COST - HOUR	11.00	HOUR	\$32.52	\$357.72
Tag EX00053 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$0.00	\$0.00
Tag EX00053 - PUMP (4") OPERATING COST - HOUR	11.00	HOUR	\$0.00	\$0.00
Tag EX00053 - WATER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$110.00	\$110.00
Tag EX00053 - WATER TRUCK OPERATING COST - HOUR	11.00	HOUR	\$32.52	\$357.72
Tag EX00053 - PUMP (4") EQUIPMENT COST - DAY	1.00	DAY	\$0.00	\$0.00
Tag EX00053 - PUMP (4") OPERATING COST - HOUR	11.00	HOUR	\$0.00	\$0.00
Tag EX00054 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00054 - CAT 330 OPERATING COST - HOUR	8.00	HOUR	\$71.02	\$568.16
Tag EX00054 - JD 850 EQUIPMENT COST - DAY	1.00	DAY	\$1,375.00	\$1,375.00
Tag EX00054 - JD 850 OPERATING COST - HOUR	8.00	HOUR	\$81.26	\$650.08
Tag EX00054 - ADMIN TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$74.00	\$74.00
Tag EX00054 - ADMIN TRUCK OPERATING COST - HOUR	4.00	HOUR	\$24.74	\$98.96
Tag EX00054 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00054 - SUPER TRUCK OPERATING COST - HOUR	4.00	HOUR	\$32.22	\$128.88
Tag EX00054 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00054 - CAT 330 OPERATING COST - HOUR	8.00	HOUR	\$71.02	\$568.16
Tag EX00054 - JD 850 EQUIPMENT COST - DAY	1.00	DAY	\$1,375.00	\$1,375.00
Tag EX00054 - JD 850 OPERATING COST - HOUR	8.00	HOUR	\$81.26	\$650.08
	1.00	DAY	\$74.00	\$74.00

64

Tag EX00054 - ADMIN TRUCK EQUIPMENT COST - DAY	65			
Tag EX00054 - ADMIN TRUCK OPERATING COST - HOUR	4.00	HOUR	\$24.74	\$98.96
Tag EX00054 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00054 - SUPER TRUCK OPERATING COST - HOUR	4.00	HOUR	\$32.22	\$128.88
Tag EX00054 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00054 - CAT 330 OPERATING COST - HOUR	12.00	HOUR	\$71.02	\$852.24
Tag EX00054 - JD 644 EQUIPMENT COST - DAY	1.00	DAY	\$595.00	\$595.00
Tag EX00054 - JD 644 OPERATING COST - HOUR	12.00	HOUR	\$42.34	\$508.08
Tag EX00054 - ADMIN TRUCK EQUIPMENT COST - HOUR	4.00	HOUR	\$11.00	\$44.00
Tag EX00054 - ADMIN TRUCK OPERATING COST - HOUR	2.00	HOUR	\$24.74	\$49.48
Tag EX00057 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00057 - CAT 330 OPERATING COST - HOUR	6.00	HOUR	\$71.02	\$426.12
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	54.00	HOUR	\$10.12	\$546.48
Tag EX00057 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00057 - SUPER TRUCK OPERATING COST - HOUR	6.00	HOUR	\$32.22	\$193.32
Tag EX00057 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00057 - CAT 330 OPERATING COST - HOUR	6.00	HOUR	\$71.02	\$426.12
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	72.00	HOUR	\$10.12	\$728.64
Tag EX00057 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00057 - SUPER TRUCK OPERATING COST - HOUR	6.00	HOUR	\$32.22	\$193.32
Tag EX00057 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00057 - CAT 330 OPERATING COST - HOUR	6.00	HOUR	\$71.02	\$426.12
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	36.00	HOUR	\$10.12	\$364.32

Tag EX00057 - SUPER TRUCK EQUIPMENT COST - DAY	1.06	DAY	\$99.00	\$99.00
Tag EX00057 - SUPER TRUCK OPERATING COST - HOUR	6.00	HOUR	\$32.22	\$193.32
Tag EX00057 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00057 - CAT 330 OPERATING COST - HOUR	6.00	HOUR	\$71.02	\$426.12
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	36.00	HOUR	\$10.12	\$364.32
Tag EX00057 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00057 - SUPER TRUCK OPERATING COST - HOUR	6.00	HOUR	\$32.22	\$193.32
Tag EX00057 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00057 - CAT 330 OPERATING COST - HOUR	5.00	HOUR	\$71.02	\$355.10
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	54.00	HOUR	\$10.12	\$546.48
Tag EX00057 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00057 - SUPER TRUCK OPERATING COST - HOUR	5.00	HOUR	\$32.22	\$161.10
Tag EX00057 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00057 - CAT 330 OPERATING COST - HOUR	5.00	HOUR	\$71.02	\$355.10
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	72.00	HOUR	\$10.12	\$728.64
Tag EX00057 - ADMIN TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$74.00	\$74.00
Tag EX00057 - ADMIN TRUCK OPERATING COST - HOUR	5.00	HOUR	\$24.74	\$123.70
Tag EX00057 - PUMP (4") EQUIPMENT COST - DAY	3.00	DAY	\$105.00	\$315.00
Tag EX00057 - PUMP (4") OPERATING COST - HOUR	72.00	HOUR	\$10.12	\$728.64
Tag EX00057 - ADMIN TRUCK EQUIPMENT COST - HOUR	3.00	HOUR	\$11.00	\$33.00
Tag EX00057 - ADMIN TRUCK OPERATING COST - HOUR	1.00	HOUR	\$24.74	\$24.74
Tag EX00057 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00057 - SUPER TRUCK	5.00	HOUR	\$32.22	\$161.10

OPERATING COST - HOUR	67				
Tag EX00057 - PUMP (4")	3.00	DAY		\$105.00	\$315.00
EQUIPMENT COST - DAY					
Tag EX00057 - PUMP (4")	30.00	HOUR		\$10.12	\$303.60
OPERATING COST - HOUR					
Tag EX00058 - WATER TRUCK	5.00	HOUR		\$17.00	\$85.00
EQUIPMENT COST - HOUR					
Tag EX00058 - WATER TRUCK	5.00	HOUR		\$32.52	\$162.60
OPERATING COST - HOUR					
Tag EX00058 - SUPER TRUCK	5.00	HOUR		\$15.00	\$75.00
EQUIPMENT COST - HOUR					
Tag EX00058 - SUPER TRUCK	2.00	HOUR		\$32.22	\$64.44
OPERATING COST - HOUR					
Total Equipment:					\$30,865.32

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Northern Dewatering	Off-Site Discharge Pipe - July 2025 - Invoice #45211	1.00	LS	\$32,253.00	\$32,253.00
Northern Dewatering	Off-Site Discharge Pipe - August 2025 - Invoice #45354	1.00	LS	\$36,018.50	\$36,018.50
Northern Dewatering	Off-Site Discharge Pipe - September 2025 - Invoice #45454	1.00	LS	\$11,406.10	\$11,406.10
Total Subcontractor:					\$79,677.60

Subtotal			\$143,278.09
Tax on Material (Materials)	5.000%		\$28.63
Subcontractor Markup (Subcontractor)	5.000%		\$3,983.88
Contractor Fee on Labor (Labor)	15.000%		\$4,824.40
Contractor Fee on Material (Materials)	15.000%		\$85.88
Contractor Fee on Equipment (Equipment)	0.000%		\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%		\$1,432.78
Requested Total			\$153,633.66

Terms & Conditions

Change Order Request Nos. 38, 43

Road Maintenance

May 2025

June-September 2025



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
 7911 Shaffer Parkway
 Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 38 – Road Maintenance May 2025

Information Referenced:

- Garney COR No. 38 dated August 11, 2025

Upon review of Garney Construction's above-referenced change order request, Black & Veatch accepts the additional costs submitted. There are three items included in this COR:

- September road maintenance is provided in the COR at the revised reimbursement rate of \$400 per mile per event, which Garrison Diversion negotiated with Foster County. This revised reimbursement rate was conveyed to Garney in Work Change Directive No. 1, and
- Placement of NDDOT Class #5 aggregate at selected locations as per Work Change Directive No. 12.

The overall \$47,230.76 cost of this change order request is acceptable; BV is recommending to Garrison Diversion that this item be included in a forthcoming change order. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

cc: Kip Kovar, GD CD
 Scott Mehring, GD CD
 Mark Funston, BV
 Vance Miller, BV



Title: Road Maintenance Costs May 2025

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 08/11/2025

T&M Tag Numbers: EX00048

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Description of Change Order Request

Costs for road maintenance in May 2025. Includes the following costs

- Per WCD No. 01 - Invoice from Foster County for road maintenance
- Per WCD No. 12 - place NDDOT Class #5 aggregate at selected locations. Aggregate delivered by Pat Biel Trucking - please see attached delivery tickets, verified by B&V representative.

Includes credit for costs per original Foster County agreement (\$1,500.00 per mile per season) for roads impacted during the 2025 construction season.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Project Manager	1.00	ST	\$127.89	\$127.89
Project Engineer	1.00	ST	\$74.44	\$74.44
Hours Subtotals: ST: 2.00			Total Labor:	\$202.33

Material

71

Description	Qty of Material	Unit of Measure	Rate	Total Cost
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2486	114.30	TON	\$18.50	\$2,114.55
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2249	139.43	TON	\$18.50	\$2,579.46
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2487	140.80	TON	\$18.50	\$2,604.80
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2128	113.59	TON	\$18.50	\$2,101.42
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2129	315.94	TON	\$18.50	\$5,844.89
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2001	113.17	TON	\$18.50	\$2,093.65
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2406	55.09	TON	\$18.50	\$1,019.17
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2407	112.20	TON	\$18.50	\$2,075.70
Tag EX00048 - Pat Biel Trucking - Mixed Rock - #2497	252.75	TON	\$42.00	\$10,615.50
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2004	289.57	TON	\$18.50	\$5,357.05
Tag EX00048 - Pat Biel Trucking - Class #5 Aggregate - #2005	143.38	TON	\$18.50	\$2,652.53
Total Material:				\$39,058.72

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Foster County	CREDIT - \$1,500.00/MILE/SEASON	5.50	MILES	-\$1,500.00	-\$8,250.00
Foster County	Road Maintenance - May 2025	1.00	LS	\$8,000.00	\$8,000.00
Total Subcontractor:					-\$250.00

Subtotal		\$39,011.05
Tax on Material (Materials)	5.000%	\$1,952.94
Subcontractor Markup (Subcontractor)	5.000%	-\$12.50
Contractor Fee on Labor (Labor)	15.000%	\$30.35
Contractor Fee on Material (Materials)	15.000%	\$5,858.81
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$390.11
Requested Total		\$47,230.76

Terms & Conditions

71



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
 7911 Shaffer Parkway
 Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 43 – Road Maintenance June-October 2025

Information Referenced:

- Garney COR No. 43 dated October 24, 2025

Upon review of Garney Construction's above-referenced change order request, Black & Veatch accepts the additional costs submitted. There are three items included in this COR:

- September road maintenance is provided in the COR at the revised reimbursement rate of \$400 per mile per event, which Garrison Diversion negotiated with Foster County. This revised reimbursement rate was conveyed to Garney in Work Change Directive No. 1.
- Placement of NDDOT Class #5 aggregate at selected locations as per Work Change Directive No. 12, and
- Placement of 1" rock aggregate at selected locations along 73rd Ave. NE.

The overall \$36,288.50 cost of this change order request is acceptable; BV is recommending to Garrison Diversion that this item be included in a forthcoming change order. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

cc: Kip Kovar, GD CD
 Scott Mehrling, GD CD
 Mark Funston, BV
 Vance Miller, BV



Title: Road Maintenance - June, July, August, September 2025
Project Name: Red River Valley Water Supply Project, Contract 5B
Project Address: 318 U.S. 281
 Carrington, ND 58421
COR Date: 10/24/2025
T&M Tag Numbers: EX00049, EX00050, EX00052, EX00056
Garney Companies Inc. Job Number: 7385
Customer Job Number:
Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200
 North Kansas City, MO 64116
Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281
 Carrington , ND 58421
Phone: (701)-652-3194

Description of Change Order Request

Costs for road maintenance in June, July, August, September 2025. Includes the following costs:

- Per WCD No. 01 - Invoices from Foster County for road maintenance
- Per WCD No. 12 - place NDDOT Class #5 aggregate at selected locations. Aggregate delivered by Pat Biel Trucking - please see attached delivery tickets, verified by B&V representative.
- Per WCD No. 15 - place 1" rock aggregate at selected locations along 73rd Ave. NE. Aggregate delivered by Pat Biel Trucking - please see attached delivery tickets, verified by B&V representative.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Project Manager	2.00	ST	\$127.89	\$255.78
Tag EX00049 - Project Engineer	1.00	ST	\$74.44	\$74.44
Hours Subtotals: ST: 3.00			Total Labor:	\$330.22

Material

Description	Qty of Material	Unit of Measure	Rate	Total Cost
Tag EX00049 - Pat Biel Trucking - Class #5 Aggregate - #2006 - 70th Ave. NE	428.86	TON	\$18.50	\$7,933.91
Tag EX00049 - Pat Biel Trucking - 1" Rock - #2021 - 2nd St. NE	26.89	TON	\$38.00	\$1,021.82
Tag EX00050 - Pat Biel Trucking - 1" Rock - #2041 - 2nd St. NE	28.07	TON	\$38.00	\$1,066.66
Tag EX00052 - Pat Biel Trucking - Class #5 Aggregate - #1471 - 71st Ave. NE	112.45	TON	\$18.50	\$2,080.32
Tag EX00052 - Pat Biel Trucking - Class #5 Aggregate - #2108 - 71st Ave. NE	197.71	TON	\$18.50	\$3,657.64
Tag EX00056 - Pat Biel Trucking - 1" Rock - #2353 - 73rd Ave. NE	57.23	TON	\$38.00	\$2,174.74
Total Material:				\$17,935.09

Subcontractor

74

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Foster County	Road Maintenance - June & July 2025	21.50	MILE	\$400.00	\$8,600.00
Foster County	Road Maintenance - August & September 2025	12.00	MILE	\$400.00	\$4,800.00
				Total	\$13,400.00
				Subcontractor:	

Subtotal		\$31,665.31
Tax on Material (Materials)	5.000%	\$896.75
Subcontractor Markup (Subcontractor)	5.000%	\$670.00
Contractor Fee on Labor (Labor)	15.000%	\$49.53
Contractor Fee on Material (Materials)	15.000%	\$2,690.26
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$316.65
Requested Total		\$36,288.50

Terms & Conditions

Change Order Request No. 39

CP System Remote Monitoring Unit



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY SUITE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
 345 Inverness Drive S, Bldg B, Ste 205
 Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 39 – CP Rectifier RMU (RFP008)

Information Referenced:

- Garney COR No. 39 dated November 20, 2025

Upon review of Garney Construction's above-referenced change order request, Black & Veatch accepts the additional costs submitted. This COR included labor, equipment material and subcontract costs for WCD 014 - Install leads per RFP 008, and the RMU material costs per RFP 008.

The overall \$14,137.88 cost of this change order request is acceptable; BV is recommending to Garrison Diversion that this item be included in a forthcoming change order. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,
 BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

cc: Kip Kovar, GD CD
 Scott Mehring, GD CD
 Mark Funston, BV
 Vance Miller, BV



Title: RFP #008 - Cathodic Protection Rectifier Remote Monitoring Unit

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 11/20/2025

T&M Tag Numbers: EX00055

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Includes labor, equipment material and subcontract costs for WCD #014 - Install leads per RFP #008, and the RMU material costs per RFP #008. Signed T&M ticket for labor and equipment, and subcontractor invoices included.

Labor

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Project Manager	4.00	ST	\$127.89	\$511.56
Project Engineer	8.00	ST	\$74.44	\$595.52
Tag EX00055 - Superintendent	10.00	ST	\$108.53	\$1,085.30
Tag EX00055 - Project Engineer	10.00	ST	\$74.44	\$744.40
Tag EX00055 - Operator	10.00	ST	\$53.63	\$536.30
Tag EX00055 - Laborer	30.00	ST	\$41.26	\$1,237.80
Hours Subtotals: ST: 72.00			Total Labor:	\$4,710.88

Equipment

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
Tag EX00055 - CAT 330 EQUIPMENT COST - DAY	1.00	DAY	\$1,105.00	\$1,105.00
Tag EX00055 - CAT 330 OPERATING COST - HOUR	10.00	HOUR	\$71.02	\$710.20
Tag EX00055 - SUPER TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$99.00	\$99.00
Tag EX00055 - SUPER TRUCK OPERATING COST - HOUR	5.00	HOUR	\$32.22	\$161.10
Tag EX00055 - ADMIN TRUCK EQUIPMENT COST - DAY	1.00	DAY	\$74.00	\$74.00
Tag EX00055 - ADMIN TRUCK EQUIPMENT COST - HOUR	5.00	HOUR	\$11.00	\$55.00
			Total Equipment:	\$2,204.30

Subcontractor

78

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Rick Electric Inc.	CP Rectifier RMU	1.00	LS	\$5,454.00	\$5,454.00
Pat Biel Trucking	Mobilize equipment to 76th & Main	1.00	LS	\$628.00	\$628.00
				Total	\$6,082.00
				Subcontractor:	

Subtotal		\$12,997.18
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$304.10
Contractor Fee on Labor (Labor)	15.000%	\$706.63
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$129.97
Requested Total		\$14,137.88

Terms & Conditions

78

Change Order Request No. 40

Access Drive Modifications

Credit



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY SUITE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
 345 Inverness Drive S, Bldg B, Ste 205
 Englewood, CO 80112

RRVWSP TO 5532 TPE CT 5B
 BV Project 409655
 BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 40 – Permanent Access Driveway Modifications

Information Referenced:

- Garney COR No. 40, Revision 3 dated November 7, 2025

Upon review of Garney Construction's above-referenced change order request, Black & Veatch accepts the additional costs submitted. This COR included costs for time spent procuring, handling and trucking the unused 30" RCP material, and constructing access drives per the new direction.

Bid Items 15, 27, and 37 will be billed in full within the contract. These items are deducted via this deductive change order to reconcile them to a net zero value.

The overall (\$54,685.99) deduct of this change order request is acceptable; BV is recommending to Garrison Diversion that this item be included in a forthcoming change order. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,
 BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

KAR/lo

cc: Kip Kovar, GD CD
 Scott Mehring, GD CD
 Mark Funston, BV
 Vance Miller, BV



Title: Permanent Access Driveway Changes

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 11/07/2025

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Description of Change Order Request

It was determined by Garrison and Black & Veatch to change the design of the permanent access driveways, eliminating culverts, adjusting dimensions and placement on a case-by-case basis, reconditioning existing access drives, as well as eliminating some access drives all together

Garrison Diversion requested the unused RCP culvert material be transported to the McClusky facility.

This COR includes costs for time spent procuring, handling and trucking the unused 30" RCP material, and constructing access drives per the new direction.

Bid items #15, #27, and #37 will be billed in full within the contract. These items are deducted via this deductive change order to reconcile them to a net zero value. The net results of these changes will be -\$53,186.83 to the contract.

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Labor

82

Description	Qty (HR)	Unit (HR)	Rate (HR)	Total Cost
Project Manager	8.00	ST	\$127.89	\$1,023.12
Project Engineer	12.00	ST	\$74.44	\$893.28
Superintendent - Unloading & Staging 30" RCP - 9/26/24	4.00	ST	\$108.53	\$434.12
Operator - Unloading & Staging 30" RCP - 9/26/24	4.00	ST	\$53.63	\$214.52
Laborer - Unloading & Staging 30" RCP - 9/26/24	8.00	ST	\$41.26	\$330.08
Superintendent - Unloading & Staging 30" RCP - 9/27/24	8.00	ST	\$108.53	\$868.24
Operator - Unloading & Staging 30" RCP - 9/27/24	8.00	ST	\$53.63	\$429.04
Laborer - Unloading & Staging 30" RCP - 9/27/24	16.00	ST	\$41.26	\$660.16
Superintendent - Unloading & Staging 30" RCP - 9/30/24	8.00	ST	\$108.53	\$868.24
Operator - Unloading & Staging 30" RCP - 9/30/24	8.00	ST	\$53.63	\$429.04
Laborer - Unloading & Staging 30" RCP - 9/30/24	16.00	ST	\$41.26	\$660.16
Superintendent - Recondition Permanant Access Driveways	24.00	ST	\$108.53	\$2,604.72
Project Engineer - Recondition Permanant Access Driveways	8.00	ST	\$74.44	\$595.52
Operator - Recondition Permanant Access Driveways	40.00	ST	\$53.63	\$2,145.20
Hours Subtotals: ST: 172.00			Total Labor:	\$12,155.44

Material

Description	Qty of Material	Unit of Measure	Rate	Total Cost
Oldcastle Infrastructure - 30" Class 3 RCP, flared end sections, tie rods, gaskets - Invoice #120060835	1.00	LS	\$28,263.04	\$28,263.04
Oldcastle Infrastructure - 30" Class 3 RCP, flared end sections - Invoice #120060875	1.00	LS	\$50,201.76	\$50,201.76
Oldcastle Infrastructure - 30" Class 3 RCP, flared end sections - Invoice #120060949	1.00	LS	\$38,534.88	\$38,534.88
			Total Material:	\$116,999.68

Equipment

83

Description	Qty of Equipment	Unit of Measure	Rate	Total Cost
JD 744 EQUIPMENT COST - HOUR - Unloading & Staging 30" RCP - 9/26/24	4.00	HOUR	\$105.00	\$420.00
JD 744 OPERATING COST - HOUR - Unloading & Staging 30" RCP - 9/26/24	4.00	HOUR	\$60.80	\$243.20
JD 744 OPERATING COST - HOUR - Unloading & Staging 30" RCP - 9/27/24	8.00	HOUR	\$60.80	\$486.40
JD 744 EQUIPMENT COST - DAY - Unloading & Staging 30" RCP - 9/27/24	1.00	DAY	\$685.00	\$685.00
JD 744 OPERATING COST - HOUR - Unloading & Staging 30" RCP - 9/30/24	8.00	HOUR	\$60.80	\$486.40
JD 744 EQUIPMENT COST - DAY - Unloading & Staging 30" RCP - 9/30/24	1.00	DAY	\$685.00	\$685.00
SUPER TRUCK EQUIPMENT COST - HOUR - Unloading & Staging 30" RCP - 9/26/24	4.00	HOUR	\$15.00	\$60.00
SUPER TRUCK OPERATING COST - HOUR - Unloading & Staging 30" RCP - 9/26/24	2.00	HOUR	\$32.22	\$64.44
SUPER TRUCK EQUIPMENT COST - DAY - Unloading & Staging 30" RCP - 9/27/24	1.00	DAY	\$99.00	\$99.00
SUPER TRUCK OPERATING COST - HOUR - Unloading & Staging 30" RCP - 9/27/24	4.00	HOUR	\$32.22	\$128.88
SUPER TRUCK EQUIPMENT COST - DAY - Unloading & Staging 30" RCP - 9/30/24	1.00	DAY	\$99.00	\$99.00
SUPER TRUCK OPERATING COST - HOUR - Unloading & Staging 30" RCP - 9/30/24	4.00	HOUR	\$32.22	\$128.88
SUPER TRUCK OPERATING COST - HOUR - Loading 30" RCP for shipment	10.00	HOUR	\$32.22	\$322.20
SUPER TRUCK EQUIPMENT COST - DAY - Recondition Permanant Access Driveways	3.00	DAY	\$99.00	\$297.00
SUPER TRUCK OPERATING COST - HOUR - Recondition Permanant Access Driveways	12.00	HOUR	\$32.22	\$386.64
JD 644 EQUIPMENT COST - DAY - Recondition Permanant Access Driveways	5.00	DAY	\$595.00	\$2,975.00
JD 644 OPERATING COST - HOUR - Recondition Permanant Access Driveways	40.00	HOUR	\$42.34	\$1,693.60
Total Equipment:				\$9,260.64

83

Other

84

Description	Qty of Other	Unit of Measure	Rate	Total Cost
Bid Item #15 - Permanent Access Drive - Base	-12.00	EA	\$16,200.00	-\$194,400.00
Bid Item #27 - Permanent Access Drive - Alt 1	-1.00	EA	\$16,000.00	-\$16,000.00
Bid Item #37 - Permanent Access Drive - Alt 2	-2.00	EA	\$10,000.00	-\$20,000.00
			Total Other:	-\$230,400.00

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
Pat Biel Trucking	Loading & Transporting RCP to McClusky	1.00	LS	\$11,500.00	\$11,500.00
			Total Subcontractor:		\$11,500.00

Subtotal		-\$80,484.24
Tax on Material (Materials)	5.000%	\$5,849.98
Subcontractor Markup (Subcontractor)	5.000%	\$575.00
Contractor Fee on Labor (Labor)	15.000%	\$1,823.32
Contractor Fee on Material (Materials)	15.000%	\$17,549.95
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (1% of Labor, Material, Equipment, Subcontractor Costs) (Lump Sum)	LS	\$1,499.16
Requested Total		-\$53,186.83

Terms & Conditions

-\$54,685.99

Change Order Request Nos. 42, 45

Topsoil Maintenance

June 2025

August 2025



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

August 15, 2025

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 42 – Topsoil Maintenance, June 2025

Information Referenced:

- Garney Change Order Request (COR) No. 42 dated July 11, 2025

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$2,289.60 for spraying weeds on the easement be included in a forthcoming change order. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCD
Mark Funston, BV
Vance Miller, BV



Title: Topsoil Maintenance - June 2025

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 07/11/2025

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Customer Information

Garrison Diversion Conservancy

401 US-281

Carrington , ND 58421

Phone: (701)-652-3194

Description of Change Order Request

Costs for topsoil maintenance per WCD #2 for June 2025.

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
T & B Farms	Weed Spraying - 06/16/25	1.00	LS	\$2,160.00	\$2,160.00
				Total	\$2,160.00
				Subcontractor:	

Subtotal		\$2,160.00
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$108.00
Contractor Fee on Labor (Labor)	15.000%	\$0.00
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$21.60
Requested Total		\$2,289.60

Terms & Conditions



BLACK & VEATCH CORPORATION
8800 WARD PARKWAY SUITE 400
KANSAS CITY, MO 64114 USA
913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Garney Construction
7911 Shaffer Parkway
Littleton, CO 80127

RRVWSP TO 5532 TPE CT 5B
BV Project 409655
BV File 60.1350.5

Attention: Jarrod Weber

Subject: Task Order 5532 / COR No. 45 – Topsoil Maintenance, August 2025

Information Referenced:

- Garney Change Order Request (COR) No. 45 dated October 24, 2025

Upon review of Garney Construction's referenced COR, Black & Veatch recommends to Garrison Diversion the additional cost of \$572.40 for spraying weeds on the easement be included in a forthcoming change order. There is no time extension for this work.

Please contact us if you have questions or would like to discuss.

Sincerely,

BLACK & VEATCH

A handwritten signature in black ink, appearing to read 'Kurt A. Ronnekamp', written over a light blue horizontal line.

Kurt A. Ronnekamp
Sr Project Manager

cc: Kip Kovar, GDCCD
Mark Funston, BV
Vance Miller, BV



Title: Topsoil Maintenance - August 2025

Project Name: Red River Valley Water Supply Project, Contract 5B

Project Address: 318 U.S. 281

Carrington, ND 58421

COR Date: 10/24/2025

Garney Companies Inc. Job Number: 7385

Customer Job Number:

Customer Reference Number: TO5532

Our Information

Garney Companies Inc.

1700 Swift Street, Suite 200

North Kansas City, MO 64116

Phone: (816)-746-4100

Description of Change Order Request

Costs for topsoil maintenance per WCD #2 for August 2025.

Subcontractor

Company	Description	Qty of Unit	Unit of Measure	Rate	Total Cost
T & B Farms	Weed Spraying - 08/01/25 - Invoice #1019	1.00	LS	\$540.00	\$540.00
				Total	\$540.00
				Subcontractor:	

Subtotal		\$540.00
Tax on Material (Materials)	5.000%	\$0.00
Subcontractor Markup (Subcontractor)	5.000%	\$27.00
Contractor Fee on Labor (Labor)	15.000%	\$0.00
Contractor Fee on Material (Materials)	15.000%	\$0.00
Contractor Fee on Equipment (Equipment)	0.000%	\$0.00
Direct Cost of Bond Premium (Subtotal)	1.000%	\$5.40
Requested Total		\$572.40

Terms & Conditions

CHANGE ORDER

Change Order No. 2DATE OF ISSUANCE December 19, 2025EFFECTIVE DATE December 19, 2025Owner: Garrison Diversion Conservancy DistrictContractor: Oscar Renda Contracting, Inc.Project: Red River Valley Water Supply Project, Transmission Pipeline EastOwner's Contract No.: 5COwner's Task Order No.: 5533

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

Change Description

This Change Order will move allowance funds from Bid Item 30 – Artificial Trench Foundation (Allowance), which is significantly underrunning estimated quantities of the Bid Form (2.1% used to date with job about 85% complete), to fund additive Change Order Request (COR) No. 2 in the amount of \$581,317.60 and associated time extensions as follows:

- 241 days added to Milestone Completion (provides a 2025-26 winter season extension of 181 days)
- 90 days added to Substantial Completion
- 60 days added to Ready for Final Payment

The extra work is associated with the Alliance Pipeline / Pembina natural gas line crossing just west of the James River. This cost increase is to account for tunnel casing pipe factory coating (twice the normal thickness (70 mils) to provide galvanic isolation between the steel tunnel casing and the adjacent steel gas line) required of the gas company, general contractor and subcontractor standby time, and general contractor and subcontractor re-excavation costs at the tunnel jacking and receiving shafts on either side of the large diameter gas line.

COR2 Increase – Pembina Gas Line Crossing Changes and Delay	\$581,317.60
Bid Item 30 Decrease – Artificial Trench Foundation (Allowance)	<u>(\$581,317.60)</u>
Net Change in Contract Price	\$0.00

Attachments: Change Order Request No. 2.**CHANGE IN CONTRACT PRICE:**

Original Contract Price:

\$76,663,355.00

Change from previously approved Change Order No. 1:

\$0.00

Contract Price prior to this Change Order:

\$76,663,355.00

No change this Change Order:

\$0.00

Contract Price incorporating this Change Order:

\$76,663,355.00

(0.0% Increase Over Original Contract Price)

CHANGE IN CONTRACT TIMES:

Original Contract Times:

Milestone Completion:	<u>October 31, 2025</u>
Substantial Completion:	<u>May 29, 2026</u>
Ready for final payment:	<u>July 31, 2026</u>
	(days or dates)

Change from previously approved Change Order No. 1:

Milestone Completion:	<u>0</u>
Substantial Completion:	<u>0</u>
Ready for final payment:	<u>0</u>
	(days)

Contract Times prior to this Change Order:

Milestone Completion:	<u>October 31, 2025</u>
Substantial Completion:	<u>May 29, 2026</u>
Ready for final payment:	<u>July 31, 2026</u>
	(days or dates)

Increase of this Change Order:

Milestone Completion:	<u>241</u>
Substantial Completion:	<u>90</u>
Ready for final payment:	<u>60</u>
	(days)

Contract Times with all approved Change Orders:

Milestone Completion:	<u>June 29, 2026</u>
Substantial Completion:	<u>August 27, 2026</u>
Ready for final payment:	<u>September 29, 2026</u>
	(days or dates)

ACCEPTED:

By: _____
Owner (Authorized Signature)

Printed: Duane DeKrey

Title: General Manager

Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)

Printed: _____

Title _____

Date: _____

Change Order Request No. 2

Coating of Tunnel Casing Required by Pembina



BLACK & VEATCH CORPORATION
 8800 WARD PARKWAY SUITE 400
 KANSAS CITY, MO 64114 USA
 913-458-3571 | RONNEKAMPKA@BV.COM

December 3, 2025

Southland Contracting, Inc.
 1100 Kubota Drive
 Grapevine, Texas 76051

RRVWSP TO 5533 TPE CT 5C
 BV Project 409655
 BV File 60.1350.5

Attention: Jackson Adelman

Subject: Task Order 5533 / COR No. 2 – Coating of Tunnel Casing Required by Pembina

Information Referenced:

- Southland COR No. 2 emailed on December 1, 2025

Upon review of Southland Contracting's above-referenced change order request, Black & Veatch accepts the additional costs submitted. This COR included labor, equipment material and subcontract costs to provide a dielectric coating on the already purchased, and delivered, tunnel casing pipe. This included transporting the casing pipe to a coating facility, downtime for the tunneling subcontractor, and additional re-work required by the delay. This coating was required by Pembina as a necessary step to obtain permission to cross their easement.

The overall \$581,317.60 cost of this change order request is acceptable; BV is recommending to Garrison Diversion that this item be included in a forthcoming change order. There is also 60-day time extension included for this work and the associated downtime.

Please contact us if you have questions or would like to discuss.

Sincerely,
 BLACK & VEATCH

Kurt A. Ronnekamp
 Sr Project Manager

cc: Kip Kovar, GDCCD
 Scott Mehring, GDCCD
 Mark Funston, BV
 Vance Miller, BV

COST CHANGE REQUEST

PROJECT: RRVWSP 5C
 OWNER: Garrison Diversion
 ENGINEER: Black and Veatch
 CONTRACTOR: Oscar Renda Contracting, Inc.

Description: External/Internal Coating of 96" Steel Casing - Standby Time Minger, Extra ORC Time

SUMMARY SHEET

1 MATERIAL

Material Cost	1	LS	\$	11,174.70
Sales Tax	@	8.25%		
Material Handling Cost	@	0.00%		
Expendable Material	@	0.00%		

2 LABOR

Hourly	1	LS	\$	4,620.00
Supervision	1	LS	\$	4,200.00
Admin/ Safety	1	LS	\$	3,500.00
Housing/Per Diem	1	LS	\$	3,780.00
Fringe Benefits	@	\$0.00		
Labor Cost	1	LS	\$	12,320.00
Labor Burden	@	52.0%	\$	6,406.40
Tool Replacement Cost	@	4.00%	\$	492.80

3 EQUIPMENT COSTS

	1	LS	\$	38,735.98
--	---	----	----	-----------

4 SUBCONTRACTOR COST

	1	LS		\$474,392.53
--	---	----	--	--------------

SUBTOTAL			\$	547,302.41
----------	--	--	----	------------

5 BOND/INSURANCE COST

	@		\$	547,302.41
--	---	--	----	------------

SUBTOTAL			\$	547,302.41
----------	--	--	----	------------

6 OH / P (On ORC Cost)

Material	@	15%	\$	1,676.21
Subcontractor	@	5%	\$	23,719.63
Equipment	@	15%	\$	5,810.40
Labor	@	15%	\$	2,808.96

CHANGE REQUEST TOTAL

			\$	581,317.60
--	--	--	----	------------

SUBCONTRACTOR TOTAL	\$474,392.53
----------------------------	---------------------

Equipment Cost Crews Standby				
Equipment Description	Daily Cost	Days	Quantity	Total Cost
Single Pipe Crew All EQ	\$4,105.14	7	1	\$28,735.98
				\$0.00

\$28,735.98

Rental Equipment Cost Casing Coating				
Equipment Description	Weekly Cost	Weeks	Quantity	Total Cost
644 Loader	\$2,400.00	3	1	\$7,200.00
				\$0.00

\$7,200.00

Mobilization Cost Casing Coating				
Equipment Description	Mobilization	Demobilization	Quantity	Total Cost
644 Loader	\$1,400.00	\$1,400.00	1	\$2,800.00
				\$0.00
				\$0.00

\$2,800.00

TOTAL EQ \$38,735.98

Housing & Per Diem - General Laborers				
Laborer	Housing	Per Diem	Days	Total
Crew 1 (Coating)	\$210.00	\$150.00	7	\$2,520.00
Crew 2 (19 Days Standby)	\$560.00	\$400.00	0	\$0.00

Total

\$2,520.00

Housing & Per Diem - Field Supervision				
Supervisors	Housing	Per Diem	Days	Total
Superintendent	\$100.00	\$80.00	7.00	\$1,260.00
				\$0.00
Housing & Per Diem - Safety and Admin				
Supervisors	Housing	Per Diem	Days	Total

Total

\$1,260.00

Housing & Per Diem Total

\$3,780.00

Labor & Supervision Worksheet:							
Date	Description	Workers	Days	Labor Cost	Field Supervision	Office/Admin	Safety
	Surface Prep/Coat Joints, 4 hour cure time between coats, 11 hours per joint	3	7	\$4,620.00	\$4,200.00	\$1,750.00	\$1,750.00
							\$0.00
	22 Days Extra that will be spent waiting for Minger to Finish.	8	0	\$0.00	\$0.00	\$0.00	\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00

Individual Totals
Total

\$4,620.00	\$4,200.00	\$1,750.00	\$1,750.00
\$12,320.00			



Black & Veatch Corporation
 8800 Ward Parkway, Suite 400, Kansas City, MO 64114
 P +1 913-458-3571 E RonnekampKA@bv.com

December 4, 2025

Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 Red River Valley Transmission Pipeline
 Task Orders 5562/5663, Contracts 6B and 6C

BV Project 188972/409655
 BV File 55.5562.5

Mr. Duane DeKrey
 General Manager
 PO Box 140
 Carrington, ND 58421

Dear Mr. DeKrey:

This letter provides the bid results and a recommendation of award for the Red River Valley Transmission Pipeline, Contract 6B and 6C projects to Carstensen Contracting, Inc. (Carstensen) of Dell Rapids, South Dakota.

Garrison Diversion Conservancy District held a bid opening at its Carrington office on November 19, 2025, at 2 p.m. local time. A total of three bids were received for each contract; all bids were opened and read aloud. The bid results are as follows:

Table 1 – Bid Tabulation Summary

Contractor	Contract 6B (~9.2 miles of 72" pipe)	Contract 6C (~8.4 miles of 72" pipe)	Discount Provided for Combined Contracts 6B and 6C	Grand Total Contract 6B + Contract 6C (~17.6 miles of 72" pipe)
Carstensen Contracting, Inc. Dell Rapids, SD	\$62,470,010	\$66,271,939	\$3,000,000	\$125,741,949
Harper Brothers Construction, LLC Houston, TX	\$65,904,130	\$71,058,634	\$965,000	\$135,997,764
Belt Construction, Inc. Texarkana, AR	\$74,214,382	\$80,087,609	-	-
Engineer's Cost Opinion	\$69,313,323	\$74,899,389		\$144,212,712

Table 2 – Contract 6B Bid Price Evaluation Summary

Contractor	Total Base Bid	Comparison to Engineer's Estimate
Carstensen Contracting, Inc. Dell Rapids, SD	\$62,470,010	-\$6,843,313: -11%
Harper Brothers Construction, LLC Houston, TX	\$65,904,130	-\$3,409,193: -5.2%
Belt Construction, Inc. Texarkana, AR	\$74,214,382	+4,901,059: +7.1%
Engineer's Cost Opinion	\$69,313,323	- -

Table 3 – Contract 6C Bid Price Evaluation Summary

Contractor	Total Base Bid	Comparison to Engineer's Estimate
Carstensen Contracting, Inc. Dell Rapids, SD	\$66,271,939	-\$8,267,450: -13%
Harper Brothers Construction, LLC Houston, TX	\$71,058,634	-\$3,840,755: -5.4%
Belt Construction, Inc. Texarkana, AR	\$80,087,609	+\$5,188,220: +9.4%
Engineer's Cost Opinion	\$74,899,389	- -

For both Contracts 6B and 6C Carstensen Contracting, Inc. of Dell Rapids, South Dakota submitted the apparent low bids. Harper Brothers Construction LLC of Houston, Texas submitted the apparent second low bid for each contract. In addition, both Carstensen Contracting and Harper Brothers Construction offered discounts of \$3,000,000 and \$965,000, respectively, if awarded both contracts. Belt Construction's bids indicated that it did not intend to be awarded both contracts, just one or the other.

EVALUATION OF THE APPARENT LOW BIDDER'S BIDS

The engineer's opinion of probable construction cost (cost opinion) for the Project prepared by Black & Veatch for the Base Bid of Contract 6B was \$69,313,323. Two bidders had a lower Bid, and one bidder had a higher Bid than Black & Veatch's cost opinion. There was a \$6,843,313 or 11 percent difference between the apparent low bid and Black & Veatch's cost opinion. The cost opinion was \$1,783,316 or 2.6 percent higher than the average of the three bids received.

The engineer's opinion of probable construction cost for the Project prepared by Black & Veatch for the Base Bid of Contract 6C was \$74,899,399. Two bidders had a lower Bid, and one bidder had a higher Bid than the Black & Veatch's cost opinion. There was a \$8,627,450 or 13 percent difference between the apparent low bid and Black & Veatch's cost opinion. The cost opinion was \$2,426,662 or 3.3 percent higher than the average of the three bids received.

A comparison of the Bids shows that the overall low Bidder for both Contracts 6B and 6C also offered the largest deduction for receiving the award of both contracts. As indicated in the previous discussion and shown in Tables 1, 2 and 3, there is a noticeable difference in the low bidder's bids and those of the other bidders. Because of this noticeable difference, Black & Veatch contacted the apparent low bidder to verify there were no errors made in preparation of its bid. Carstensen confirmed it did not have any errors in its bid, and it is standing by its bids for both Contract 6B and 6C and its combined bid for award of both contracts of \$125,741,949. Bidders were given 24 hours to withdrawal a bid due to a substantiated error, with return of the bid security. Garrison Diversion nor the Engineer received such notice.

Based on discussions with the apparent low bidder following the bid opening, it is Black & Veatch's opinion that Carstensen Contracting, Inc. has a good understanding of the Projects and the key elements thereof. A review of their unit prices indicates a distribution like other bidders. The spread between the low and second low came down to Carstensen's documented efficiency, rate of pipe installation, and continuing favorable terms from its steel pipe supplier, Northwest Pipe. The approximate \$10.2 million difference, between the low and the second low for both Contract 6B and 6C is captured primarily in the difference in the installed price of the 72-inch transmission pipeline

in favor of Carstensen and somewhat offset by Carstensen's higher unit prices for asphalt road overlay and trench groundwater control.

EVALUATION OF THE APPARENT LOW BIDDER'S QUALIFICATIONS

In 2023, Garrison Diversion undertook a general contractor prequalification process, where seven general contractors were prequalified for its projects, including Carstensen Contracting, Inc. and the second low bidder Harper Brothers. Hence, a general contractor qualification submittal was not required of either Carstensen or Harper Brothers for the Bid. In addition, Carstensen is currently the contractor performing the construction work on Contracts 5D and 6A and is performing the work satisfactorily and on schedule.

For tunneling, Contract 6B includes one wetland trenchless crossing and Contract 6C includes two wetland trenchless crossings and one railroad (BNSF) trenchless crossing. Both Carstensen and Harper Brothers listed Minger Construction as their tunneling subcontractor. Minger Construction has previously been prequalified as an acceptable tunneling subcontractor and has performed all the tunneling work satisfactorily on previous Contract 5A, and current Contracts 5B, 5C, 5D, and 6A.

SUMMARY AND RECOMMENDATION

Given the Engineer's review of the bids, the prequalification of Carstensen Contracting, Inc. as a pipeline general contractor for the Red River Valley Water Supply Project, and their current work on Contracts 5D and 6A, Black & Veatch recommends Garrison Diversion award both Contracts 6B and 6C to the low bidder, Carstensen Contracting, Inc. for its Total Bid, with deduct for both award of both contracts, in the amount of \$125,741,949.

Should both Projects be awarded to Carstensen, they would be administered separately and the \$3,000,000 deduct would be distributed through the unit and lump sum prices for each contract. The award of both contracts is lower than the 2025-2027 Biennium Work Plan budget allocation and below the Engineer's cost opinion.

If you concur with Black & Veatch's recommendation, a Notice of Award and Limited Notice to Proceed (permitting Carstensen to buy steel coil for the pipe and to begin preparation of pipe submittals) will be prepared and forwarded to for signature. In addition, conformed copies of the Contract Documents, including the Agreement and required bonds, will be prepared and forwarded to Carstensen for execution.

If you have any questions concerning this Recommendation of Award for the subject projects, please contact us.

Sincerely,
BLACK & VEATCH CORPORATION



Kurt A. Ronnekamp
Program Manager

Enclosures

cc: Ms. Merri Mooridian, GD CD; Mr. Kip Kovar, GD CD; Mr. Paul Boersma, BV; File

103
Notice of Award

Date of Issuance _____

Owner: Garrison Diversion Conservancy District	Owner's Task Orders Nos: 5562/5563
Engineer: Black & Veatch Corporation	Engineer's Project No.: 409655
Project: RRVWSP, Red River Valley Transmission Pipeline	Contract Name: Contract 6B/6C
Bidder: Carstensen Contracting, Inc.	
Bidder's Address: 800 Quartzite Street	
Dell Rapids, South Dakota 57022	

TO BIDDER:

You are notified that Owner has accepted your Bid dated November 19, 2025, for the above Contracts, and that you are the Successful Bidder and are awarded a Contract for:

Red River Valley Water Supply Project

Red River Valley Transmission Pipeline

Combined Project Task Order 5562, Contract 6B and Task Order 5563, Contract 6C

The Contract Price of the awarded combined Contract is One Hundred Twenty-Five Million Seven Hundred Forty-One Thousand Nine Hundred Forty-Nine Dollars (\$125,741,949.00). The amount of Unit Price Work is subject to adjustment. The extended prices are based on estimated quantities and payments will be made on actual quantities. Refer to General Conditions Paragraph 13.03, Instructions to Bidders Article 14, and Agreement Article 5 for information.

Electronic files with unexecuted counterparts of the Agreement will follow this Notice of Award under separate cover, and electronic pdf files of the Contract Documents were transmitted or made available to Bidder. Updated Issued for Construction documents will be provided to the Bidder after addenda and bidding documents are incorporated into the Contract Documents.

You must comply with the following conditions precedent within 15 days of the date you receive this Notice of Award:

1. Deliver to Owner the Contract Documents, fully executed by Bidder, leaving the date blank.
2. Deliver with the executed Contract Documents the Contract security (e.g., performance and payment bonds) and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.

You are authorized to proceed with the limited obligations of the Contract Documents and within 45-days of the date you receive this Notice of Award you may submit to the Owner a progress payment application for payment of the following items:

1. Procurement of steel coil necessary for the manufacture of Steel Pipe per Section 40 05 24, and
2. Submittal of Shop Drawings and Certifications required by Section 40 05 24.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within 15 days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Contract Documents, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Garrison Diversion Conservancy District
Owner

By: _____
 Duane DeKrey
Title: General Manager

cc: Kip Kovar, GDCD
 Kurt Ronnekamp, BV

Section 00 52 13

AGREEMENT

This Agreement is by and between Garrison Diversion Conservancy District (“Owner”) and Carstensen Contracting, Inc.(“Contractor”).

Owner and Contractor agree as follows:

ARTICLE 1 – THE PROJECT.

1.01. The name of the project is the Red River Valley Water Supply Project, Red River Valley Transmission Pipeline, McKinnon Twp to Revere Twp, Foster & Griggs Counties, ND, Task Orders 5562 and 5563, Contracts 6B and 6C.

1.02. The Project, of which the Work under the Contract Documents is a part, is generally described as construction of approximately 17.6 miles of 72-inch diameter steel water pipeline including three 96-inch diameter trenchless wetland crossings, one 96-inch diameter trenchless railroad crossing. Strict segregation and stockpiling of topsoil and subsoil for pipe installation will be required. The work also includes an impressed current pipeline corrosion protection system, pipeline appurtenances, and all other work specified or shown on the Drawings.

ARTICLE 2 – WORK.

2.01. Contractor shall complete all Work as specified or indicated in the Contract Documents.

ARTICLE 3 – ENGINEER.

3.01. The Project has been designed by Black & Veatch Corporation, 8800 Ward Parkway, Suite 400, Kansas City, Missouri 64114, who is referred to in the Contract Documents as Engineer. Engineer is to act as Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 - CONTRACT TIMES.

4.01. Time of the Essence.

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02. Contract Times.

- A. The Contract Times shall be as indicated in Contractor's Bid. The Work shall be substantially completed within the number of days indicated in the Contractor's Bid after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within the number of days indicated in Contractor's Bid after the date when the Contract Times commence to run.

4.03. Liquidated Damages.

- A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 and that Owner will suffer financial and other losses if the Work is not completed within the times specified in Paragraph 4.02, plus any extensions thereof allowed in accordance with the Contract. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner the following amounts for each day that expires after the time (as duly adjusted pursuant to the Contract) specified in Paragraph 4.02 for Substantial Completion until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner the following amounts for each day that expires after such time until the Work is completed and ready for final payment.

	<u>Liquidated Damages per Day</u>
Milestone Completion of the Work	\$8,000
Substantial Completion of the Work	\$5,000
Completion of all Work	\$3,000

Liquidated Damages per Hour

Completion of Open-Cut Road Crossings	\$500
---------------------------------------	-------

- B. The liquidated damages set forth herein shall not be accumulative. If Substantial Completion of the Work is not met within the time specified for final completion of all Work, the liquidated damages shall continue to be at the rate or rates specified for default on Substantial Completion until Substantial Completion is attained. If the Work is not then finally completed, the rate or rates specified for default on final completion shall apply until final completion is attained.
- C. Owner shall have the right to deduct the liquidated damages from any money in its hands, otherwise due, or to become due, to Contractor, or to initiate applicable dispute resolution procedures and to recover liquidated damages for nonperformance of this Contract within the time stipulated.

4.04. Delays and Damages.

- A. In the event Contractor is delayed in the prosecution and completion of the Work because of any delays caused by Owner or Engineer and, except as set forth in Paragraph 4.05 of the General Conditions, Contractor shall have no claim against Owner or Engineer for damages or contract adjustment other than an extension of the Contract Times and the waiving of liquidated damages during the period occasioned by the delay.

ARTICLE 5 – CONTRACT PRICE.

5.01. Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item), for the total amount of:

One Hundred Twenty-Five Thousand Seven Hundred Forty-One Thousand Nine Hundred Forty-Nine and 00/100 Dollars;(\$125,741,949.00).

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on Estimated Quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6 – PAYMENT PROCEDURES.

6.01. Submittal and Processing of Payments.

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02. Progress Payments; Retainage.

- A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on or about the 15th day of each month during performance of the Work, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) as provided in Division 1, General Requirements.
- B. Prior to Substantial Completion, Owner will retain from progress payments, less the aggregate of payments previously made and less such amounts as Engineer shall determine or Owner may withhold in accordance with Paragraph 15.01.C of the General Conditions, an amount equal to the following percentages:
 1. Until the Work is 50 percent completed, retainage will be 10 percent of Work completed.
 2. If the Work has been 50 percent completed as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage on account of Work subsequently completed.
 3. Retainage will be 10 percent of the cost of materials and equipment that are not incorporated in the Work but are delivered, suitably stored, and accompanied by documentation satisfactory to Owner as provided in Paragraph 15.01.B.1 of the General Conditions. Stored material and equipment retainage will be released when the material and equipment are incorporated in the Work.
 4. Upon Substantial Completion, Owner may release a portion of the retainage to Contractor, retaining at all times an amount sufficient to cover the cost of the Work remaining to be completed.

5. The reduction or termination of additional retainage will not be initiated at any time if the Work is behind schedule; and, subsequent to reducing retainage, the full retainage of payments authorized may be reinstated any time the Work falls behind schedule.
6. Consent of the Surety shall be obtained before any retainage is paid by Owner. Consent of the Surety, signed by an agent, must be accompanied by a certified copy of such agent's authority to act for the Surety.

6.03. Progress Payments; Stored Material

- A. Payment will be made for material and equipment stored properly at the Site provided the material and equipment are complete and ready for installation.
 1. Payment will be made for the invoice amount less the specified retainage.
 2. Payment for material and equipment shown in the Application for Payment Form, Stored Material Summary, will be made for the invoice amount up to the value shown in the Schedule of Values for that line item.
 3. Payment will be made for the value shown in the line item for products and material if invoices for material and equipment are less than the amount shown in the line item, and it can be demonstrated that no additional material or equipment are required to complete the Work described in that item.
 4. Provide invoices at the time materials are included in the Stored Material Summary. Include invoice numbers so that a comparison can be made between the actual invoices and those invoices and amounts included in the Stored Material Summary.
- B. Payment for material and equipment does not constitute acceptance of the product.
- C. The Work covered by progress payments becomes the property of the Owner at the time of payment. The Contractor's obligations with regard to proper care and maintenance, insurance, and other requirements are not changed by this transfer of ownership until accepted in accordance with the General Conditions.

6.04. Final Payment.

- A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in Paragraph 15.06.

ARTICLE 7 – INTEREST.

7.01. All amounts not paid when due shall bear interest at the maximum rate allowed by law at the place of the Project.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS.

8.01. In order to induce Owner to enter into this Contract, Contractor makes the following representations:

- A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.
- B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, or performance of the Work; (2) the means, methods,

techniques, sequences, and procedures of construction to be employed by Contractor; and (3) safety precautions and programs incident thereto.

- F. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
- G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
- I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- J. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

ARTICLE 9 – CONTRACT DOCUMENTS.

9.01. Contents.

- A. The Contract Documents consist of the following:
 - 1. This Agreement (pages 1 to 11, inclusive).
 - 2. Bonds:
 - a. Performance bond (pages 1 to 3, inclusive).
 - b. Payment bond (pages 1 to 3, inclusive).
 - 3. General Conditions (pages 1 to 65, inclusive).

4. Supplementary Conditions (pages 1 to 32, inclusive, plus all Supplementary Conditions attachments).
5. Specifications as listed in the table of contents of the Project Manual.
6. Drawings (not attached but incorporated by reference) consisting of a cover sheet and 53 other sheets, with each sheet bearing the following general title:

**Red River Valley Transmission Pipeline
McKinnon Twp to Sutton Twp
Task Order 5562, Contract 6B**

Drawings (not attached but incorporated by reference) consisting of a cover sheet and 46 other sheets, with each sheet bearing the following general title:

**Red River Valley Transmission Pipeline
Sutton Twp to Revere Twp
Task Order 5563, Contract 6C**

Sheet titles are listed on Sheet 2 of each set of the Drawings.

7. Addenda (numbers 1 to 4, inclusive) for each contract.
8. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor's Bid (s).
 - b. Documentation submitted by Contractor prior to Notice of Award.
9. The following, which may be delivered or issued after the Effective Date of the Agreement and are not attached hereto:
 - a. Work Change Directives.
 - b. Change Orders.
 - c. Field Orders.
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed in this Article 9.

- D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

ARTICLE 10 – MISCELLANEOUS.

10.01. Terms.

- A. Terms used in this Agreement will have the meanings indicated in the General Conditions and Supplementary Conditions.

10.02. Assignment of Contract.

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and specifically, but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law); and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03. Successors and Assigns.

- A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04. Severability.

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.05 Contractor's Certifications

A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 11 – NOT USED

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement. One counterpart each has been delivered to Owner, Contractor, Surety, and Engineer.

This Agreement will be effective on _____
(which is the Effective Date of the Contract).

OWNER:

Garrison Diversion Conservancy
District

By: Duane DeKrey

Title: General Manager

Attest: _____

Title: _____

Address for giving notices:

401 Hwy 281 NE
Carrington, ND 58421

Approved as to Form

Attorney for Owner

CONTRACTOR:

By: _____

Title: _____

*(If Contractor is a corporation, a partnership,
or a joint venture, attach evidence of authority
to sign)*

Attest: _____

Title: _____

Address for giving notices:

800 East Quartzite Street
Dell Rapids, SD 57022

Contractor's License No. 28630

Expiration Date 3/1/2026

End of Section

NOTICE TO PROCEED

Project: Red River Valley Water Supply Project	Owner: Garrison Diversion Conservancy District	Owner's Task Order Nos.: 5562/5563
Contract Name: Red River Valley Transmission Pipeline, Contract 6B/6C	Engineer: Black & Veatch Corporation	Engineer's Project No.: 409655
Contractor: Carstensen Contracting, Inc.		

Contractor's Address: 800 East Quartzite Street, Dell Rapids, SD 57022

TO CONTRACTOR:

Owner hereby notifies Contractor that the Contract Times under the above Contract will commence to run on January 5, 2026.

On that date, Contractor shall start performing its obligations under the Contract Documents. No Work shall be done at the Site prior to such date. In accordance with the Agreement, the Milestone Completion date is May 30, 2028, the date of Substantial Completion is August 31, 2028, and the date of readiness for final payment is September 30, 2028.

Carstensen Contracting, Inc.
(Contractor)

Garrison Diversion Conservancy District
(Owner)

Received by:

Given by:

Signature

Signature

Print Name, Title

Duane DeKrey, General Manager
Name, Title

Date

Date

cc: Kip Kovar, GD CD
Kurt Ronnekamp, BV



Black & Veatch Corporation
 8800 Ward Parkway, Suite 400, Kansas City, MO 64114
 P +1 913-458-3571 E RonnekampKA@bv.com

December 4, 2025

Garrison Diversion Conservancy District
 Red River Valley Water Supply Project
 Red River Valley Transmission Pipeline
 Task Orders 5571, Contract 7A

BV Project 188972/415096
 BV File 55.5571.5

Mr. Duane DeKrey
 General Manager
 PO Box 140
 Carrington, ND 58421

Dear Mr. DeKrey:

This letter provides the bid results and a recommendation of award for the Red River Valley Transmission Pipeline, Contract 7A project to Carstensen Contracting, Inc. (Carstensen) of Dell Rapids, South Dakota.

Garrison Diversion Conservancy District held a bid opening at its Carrington office on November 21, 2025, at 2 p.m. local time. A total of four bids were received for the contract; all bids were opened and read aloud. The bid results are as follows:

Table 1 – Bid Tabulation Summary

Contractor	Contract 7A (~4.5 miles of 72" pipe) Base Bid	Additive Bid Alternative No. 1	Total of Base Bid and Additive Alt. No. 1	Additive Bid Alternative No. 2	Grand Total of Base Bid and Additive Bid Alt. 1 and 2
Carstensen Contracting, Inc. Dell Rapids, SD	\$36,034,917	\$6,777,640	\$42,812,557	\$16,147,435	\$58,959,992
Belt Construction, Inc. Texarkana, AR	\$40,651,254	\$9,341,690	\$49,992,944	\$16,730,289	\$66,723,233
Harper Brothers Construction, LLC, Houston, TX	\$39,313,289	\$7,468,300	\$46,781,589	\$19,438,497	\$66,220,086
Ruby-Collins, Inc. Smyrna, GA	\$59,568,261	\$9,560,043	\$69,128,304	\$22,728,565	\$91,856,869
Engineer's Cost Opinion*	\$38,470,742	\$7,334,003	\$45,804,745	\$17,428,133	\$63,232,878

*Engineer's Cost Opinion rounded to nearest dollar amount.

Table 2 – Contract 7A Bid Price Evaluation Summary

Contractor	Total Base Bid + Bid Alt. 1 and 2	Comparison to Engineer's Estimate
Carstensen Contracting, Inc., Dell Rapids, SD	\$58,959,992	-\$4,272,886: -7.3%
Belt Construction, Inc., Texarkana, AR	\$66,723,233	+\$3,490,355: +5.5%
Harper Brothers Construction, LLC, Houston, TX	\$66,220,086	+2,987,208: +4.7%
Ruby-Collins, Inc., Smyrna, GA	\$91,856,869	+28,623,991: +45%
Engineer's Cost Opinion	\$63,232,878	--

For Contract 7A, for the Base Bid, and for the combinations of Base Bid + Bid Alternate 1 and Base Bid + Bid Alternates 1 and 2, Carstensen Contracting, Inc. of Dell Rapids, South Dakota submitted the apparent low bid for the Base Bid and for each combination of Bid Alternatives. Harper Brothers Construction, LLC of Houston, Texas submitted the apparent second low bid for the Base Bid and for each combination of Bid Alternatives.

EVALUATION OF THE APPARENT LOW BIDDER'S BID

The engineer's opinion of probable construction cost (cost opinion) for the Project prepared by Black & Veatch for the Base Bid + Bid Alternatives 1 and 2 of Contract 7A was \$63,232,878. One bidder had a lower Bid, and three bidders had a higher Bid than Black & Veatch's cost opinion. There was a \$4,272,886 or 7.3 percent difference between the apparent low bid for the Base Bid + Bid Alternatives 1 and 2 and Black & Veatch's cost opinion. The cost opinion was \$734,892 or 1.2 percent lower than the average of the three lowest bids received.

As indicated in the previous discussion and shown in Tables 1 and 2, there is a noticeable difference in the low-bidder's bids and those of the other bidders. Because of this noticeable difference, and the fact that Carstensen was the apparent low bidder on Contracts 6B and 6C, Black & Veatch contacted the apparent low bidder to verify there were no errors made in preparation of its bid. Carstensen confirmed it did not have any errors in its bid, and it is standing by its bids for Contract 7A and the 7A Bid Alternatives for award of the grand total bid + alternatives of \$58,959,992. Bidders were given 24 hours to withdrawal a bid due to a substantiated error, with return of the bid security. Garrison Diversion nor the Engineer received such notice.

Based on discussions with the apparent low bidder following the bid opening, it is Black & Veatch's opinion that Carstensen Contracting, Inc., has a good understanding of the Project and the key elements thereof. A review of their unit prices indicates a distribution like other bidders. The spread between the low and second low seemed to come down to Carstensen's documented efficiency and rate of pipe installation. The lowest three bidders were close on Bid items 2, 29 and 49, the unit price for installed open-cut pipe. The approximate \$7.3 million difference, between the low and the second low for Contract 7A is captured primarily in the difference in the price for trenchless installation, removal and stockpiling of topsoil, the amount of deduct offered (bid item 27), and the differences in the Additive Bid Alternative costs.

EVALUATION OF THE APPARENT LOW BIDDER'S QUALIFICATIONS

In 2023, Garrison Diversion undertook a general contractor prequalification process, where seven general contractors were prequalified for its projects, including Carstensen Contracting, Inc. and the second low bidder Harper Brothers. Hence, a general contractor qualification submittal was not required of either Carstensen or Harper Brothers for the Bid. In addition, Carstensen is currently the contractor performing the construction work on Contracts 5D and 6A and is performing the work satisfactorily and on schedule. Carstensen is also the apparent low bidder on recently bid Contracts 6B and 6C, so there could be potential concern that one construction company can handle all this work simultaneously. In discussions with Carstensen, they provided assurance that they have the staffing, equipment, and bonding capacity to handle these projects successfully.

For tunneling, Contract 7A includes three trenchless wetland crossings. Carstensen's bid listed Iowa Trenchless as its trenchless subcontractor. The second low bidder, Harper Brothers, listed Minger Construction as its trenchless subcontractor. While Minger Construction has been the trenchless subcontractor on all previous and current Red River contracts, Iowa Trenchless would be new to the project and therefore references for Iowa Trenchless were submitted with Carstensen's bid. We reached two of the most recent references from 2022 and 2024 projects in Iowa and Utah, respectively. Tunnel casing sizes for the two projects ranged from 79" to 101.5" so they compare

favorably to the 96" casings needed for this project. Both references were satisfied with the work of Iowa Trenchless and there were no schedule, cost, or other issues cited. We therefore recommend that Iowa Trenchless be accepted as the tunneling subcontractor for this project.

SUMMARY AND RECOMMENDATION

Given the Engineer's review of the bids, the prequalification of Carstensen Contracting, Inc. as a pipeline general contractor for the Red River Valley Water Supply Project, their current work on Contracts 5D and 6A, and their assurances they can handle multiple contracts, Black & Veatch recommends Garrison Diversion award Contract 7A including Bid Alternatives 1 and 2 to the low bidder, Carstensen Contracting, Inc. in the amount of \$58,959,992.

Should the Project be awarded to Carstensen, the \$1,000,000 deduct indicated in the Base Bid would be distributed through the unit and lump sum prices for the contract. The award of this Contract 7A is lower than the 2025-2027 Biennium Work Plan budget allocation and below the Engineer's cost opinion.

If you concur with Black & Veatch's recommendation, a Notice of Award and Limited Notice to Proceed (permitting Carstensen to buy steel coil for the pipe and to begin preparation of pipe submittals) will be prepared and forwarded for signature. In addition, conformed copies of the Contract Documents, including the Agreement and required bonds, will be prepared and forwarded to Carstensen for execution.

If you have any questions concerning this Recommendation of Award for the subject project, please contact us.

Sincerely,
BLACK & VEATCH CORPORATION



Kurt A. Ronnekamp
Program Manager

Enclosures

cc: Ms. Merri Mooridian, GD CD
Mr. Kip Kovar, GD CD
Mr. Paul Boersma, BV
File

Notice of Award

Date of Issuance _____

Owner: Garrison Diversion Conservancy District	Owner's Task Order No.: 5571
Engineer: Black & Veatch	Engineer's Project No.: 409655
Project: RRVWSP, Red River Valley Transmission Pipeline	Contract Name: Contract 7A
Bidder: Carstensen Contracting, Inc.	
Bidder's Address: 800 East Quartzite Street, Dell Rapids, SD 57022	

TO BIDDER:

You are notified that Owner has accepted your Bid dated November 21, 2025, including Base Bid and Alternative 1 and Alternative 2 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for construction of approximately 6.5 miles of 72-inch diameter steel water pipeline (Base Bid plus Alternative 1 and Alternative 2), including three 96-inch diameter trenchless wetland crossings. Strict segregation and stockpiling of topsoil and subsoil for pipe installation will be required. The work also includes an impressed current pipeline corrosion protection system, pipeline appurtenances, and all other work specified or shown on the Drawings.

The Contract Price of the awarded Contract is Fifty-Eight Million Nine Hundred Fifty-Nine Thousand Nine Hundred Ninety-Two and 00/100 Dollars (\$58,959,992.00). The amount of Unit Price Work is subject to adjustment. The extended prices are based on estimated quantities and payments will be made on actual quantities. Refer to General Conditions Paragraph 13.03, Instructions to Bidders Article 14, and Agreement Article 5 for information.

Electronic files with unexecuted counterparts of the Agreement will follow this Notice of Award under separate cover, and electronic pdf files of the Contract Documents were transmitted or made available to Bidder. Updated Issued for Construction documents will be provided to the Bidder after addenda and bidding documents are incorporated into the Contract Documents.

You must comply with the following conditions precedent within 15 days of the date you receive this Notice of Award:

1. Deliver to Owner the Contract Documents, fully executed by Bidder, leaving the date blank.
2. Deliver with the executed Contract Documents the Contract security (e.g., performance and payment bonds) and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.

You are authorized to proceed with the limited obligations of the Contract Documents and within 45 days of the date you receive this Notice of Award Submit to the Owner a progress payment application for payment for the following items.:

1. Procurement of steel coil necessary for the manufacture of Steel Pipe per Section 40 05 24, and
2. Submittal of Shop Drawings and Certifications required by Section 40 05 24.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within 15 days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Contract Documents, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Garrison Diversion Conservation District
Owner

By: _____

Duane DeKrey

Title: General Manager

cc: Kip Kovar, GDCCD
Kurt Ronnekamp, BV

Section 00 52 13

AGREEMENT

This Agreement is by and between Garrison Diversion Conservancy District ("Owner") and Carstensen Contracting, Inc. ("Contractor").

Owner and Contractor agree as follows:

ARTICLE 1 – THE PROJECT.

1.01. The name of the project is the Red River Valley Water Supply Project, Red River Valley Transmission Pipeline, James River to McKinnon Twp, Foster County, ND, Task Order 5571, Contract 7A.

1.02. The Project, of which the Work under the Contract Documents is a part, is generally described as construction of approximately 6.5 miles of 72-inch diameter steel water pipeline (Base Bid plus Alternative 1 and Alternative 2) including three 96-inch diameter trenchless wetland crossings. Strict segregation and stockpiling of topsoil and subsoil for pipe installation will be required. The work also includes an impressed current pipeline corrosion protection system, pipeline appurtenances, and all other work specified or shown on the Drawings.

ARTICLE 2 – WORK.

2.01. Contractor shall complete all Work as specified or indicated in the Contract Documents.

ARTICLE 3 – ENGINEER.

3.01. The Project has been designed by Black & Veatch Corporation, 8800 Ward Parkway, Suite 400, Kansas City, Missouri 64114, who is referred to in the Contract Documents as Engineer. Engineer is to act as Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 - CONTRACT TIMES.

4.01. Time of the Essence.

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02. Contract Times.

- A. The Contract Times shall be as indicated in Contractor's Bid. The Work shall be substantially completed within the number of days indicated in the Contractor's Bid after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within the number of days indicated in Contractor's Bid after the date when the Contract Times commence to run.

4.03. Liquidated Damages.

- A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 and that Owner will suffer financial and other losses if the Work is not completed within the times specified in Paragraph 4.02, plus any extensions thereof allowed in accordance with the Contract. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner the following amounts for each day that expires after the time (as duly adjusted pursuant to the Contract) specified in Paragraph 4.02 for Substantial Completion until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner the following amounts for each day that expires after such time until the Work is completed and ready for final payment.

	<u>Liquidated Damages per Day</u>
Milestone Completion of the Work	\$8,000
Substantial Completion of the Work	\$5,000
Completion of all Work	\$3,000

Liquidated Damages per Hour

Completion of Open-Cut Road Crossings	\$500
---------------------------------------	-------

- B. The liquidated damages set forth herein shall not be accumulative. If Substantial Completion of the Work is not met within the time specified for final completion of all Work, the liquidated damages shall continue to be at the rate or rates specified for default on Substantial Completion until Substantial Completion is attained. If the Work is not then finally completed, the rate or rates specified for default on final completion shall apply until final completion is attained.
- C. Owner shall have the right to deduct the liquidated damages from any money in its hands, otherwise due, or to become due, to Contractor, or to initiate applicable dispute resolution procedures and to recover liquidated damages for nonperformance of this Contract within the time stipulated.

4.04. Delays and Damages.

- A. In the event Contractor is delayed in the prosecution and completion of the Work because of any delays caused by Owner or Engineer and, except as set forth in Paragraph 4.05 of the General Conditions, Contractor shall have no claim against Owner or Engineer for damages or contract adjustment other than an extension of the Contract Times and the waiving of liquidated damages during the period occasioned by the delay.

ARTICLE 5 – CONTRACT PRICE.

5.01. Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount equal to the sum of the of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item), for the total amount of:

Fifty-Eight Million Nine Hundred Fifty-Nine Thousand Nine Hundred Ninety-Two and 00/100 Dollars; (\$58,959,992.00)

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on Estimated Quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6 – PAYMENT PROCEDURES.

6.01. Submittal and Processing of Payments.

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02. Progress Payments; Retainage.

- A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on or about the 15th day of each month during performance of the Work, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) as provided in Division 1, General Requirements.
- B. Prior to Substantial Completion, Owner will retain from progress payments, less the aggregate of payments previously made and less such amounts as Engineer shall determine or Owner may withhold in accordance with Paragraph 15.01.C of the General Conditions, an amount equal to the following percentages:
 1. Until the Work is 50 percent complete, retainage will be 10 percent of Work completed.
 2. If the Work has been 50 percent completed as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage on account of Work subsequently completed.
 3. Retainage will be 10 percent of the cost of materials and equipment that are not incorporated in the Work but are delivered, suitably stored, and accompanied by documentation satisfactory to Owner as provided in Paragraph 15.01.B.1 of the General Conditions. Stored

material and equipment retainage will be released when the material and equipment are incorporated in the Work.

4. Upon Substantial Completion, Owner may release a portion of the retainage to Contractor, retaining at all times an amount sufficient to cover the cost of the Work remaining to be completed.
5. The reduction or termination of additional retainage will not be initiated at any time if the Work is behind schedule; and, subsequent to reducing retainage, the full retainage of payments authorized may be reinstated any time the Work falls behind schedule.
6. Consent of the Surety shall be obtained before any retainage is paid by Owner. Consent of the Surety, signed by an agent, must be accompanied by a certified copy of such agent's authority to act for the Surety.

6.03. Progress Payments; Stored Material

A. Payment will be made for material and equipment stored properly at the Site provided the material and equipment are complete and ready for installation.

1. Payment will be made for the invoice amount less the specified retainage.
2. Payment for material and equipment shown in the Application for Payment Form, Stored Material Summary, will be made for the invoice amount up to the value shown in the Schedule of Values for that line item.
3. Payment will be made for the value shown in the line item for products and material if invoices for material and equipment are less than the amount shown in the line item, and it can be demonstrated that no additional material or equipment are required to complete the Work described in that item.
4. Provide invoices at the time materials are included in the Stored Material Summary. Include invoice numbers so that a comparison can be made between the actual invoices and those invoices and amounts included in the Stored Material Summary.

B. Payment for material and equipment does not constitute acceptance of the product.

- C. The Work covered by progress payments becomes the property of the Owner at the time of payment. The Contractor's obligations with regard to proper care and maintenance, insurance, and other requirements are not changed by this transfer of ownership until accepted in accordance with the General Conditions.

6.04. Final Payment.

- A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in Paragraph 15.06.

ARTICLE 7 – INTEREST.

7.01. All amounts not paid when due shall bear interest at the maximum rate allowed by law at the place of the Project.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS.

8.01. In order to induce Owner to enter into this Contract, Contractor makes the following representations:

- A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.
- B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, or performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (3) safety precautions and programs incident thereto.
- F. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
- G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
- I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- J. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

ARTICLE 9 – CONTRACT DOCUMENTS.

9.01. Contents.

- A. The Contract Documents consist of the following:
 - 1. This Agreement (pages 1 to 11, inclusive).
 - 2. Bonds:

- a. Performance bond (pages 1 to 3, inclusive)
- b. Payment bond (pages 1 to 3, inclusive).
- 3. General Conditions (pages 1 to 65, inclusive).
- 4. Supplementary Conditions (pages 1 to 32, inclusive, plus all Supplementary Conditions attachments).
- 5. Specifications as listed in the table of contents of the Project Manual.
- 6. Drawings (not attached but incorporated by reference) consisting of a cover sheet and 46 other sheets, with each sheet bearing the following general title:

**Red River Valley Transmission Pipeline
James River to McKinnon Twp
Task Order 5571, Contract 7A**

Sheet titles are listed on Sheet 2 of the Drawings.

- 7. Addenda (numbers 1 to 4 inclusive).
- 8. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor's Bid.
 - b. Documentation submitted by Contractor prior to Notice of Award.
- 9. The following, which may be delivered or issued after the Effective Date of the Agreement and are not attached hereto:
 - a. Work Change Directives.
 - b. Change Orders.
 - c. Field Orders.
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed in this Article 9.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

ARTICLE 10 – MISCELLANEOUS.

10.01. Terms.

- A. Terms used in this Agreement will have the meanings indicated in the General Conditions and Supplementary Conditions.

10.02. Assignment of Contract.

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and specifically, but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law); and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03. Successors and Assigns.

- A. Owner and Contractor each bind itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04. Severability.

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.05 Contractor's Certifications

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:

1. “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;
2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 11 – NOT USED

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement. One counterpart each has been delivered to Owner, Contractor, Surety, and Engineer.

This Agreement will be effective on _____
(which is the Effective Date of the Contract).

OWNER:
Garrison Diversion Conservancy
District

CONTRACTOR:
Carstensen Contracting, Inc.

By: Duane DeKrey

By: _____

Title: General Manager

Title: _____
(If Contractor is a corporation, a partnership,
or a joint venture, attach evidence of authority
to sign)

Attest: _____

Attest: _____

Title: _____

Title: _____

Address for giving notices:

401 Hwy 281 NE
Carrington, ND 58421

Address for giving notices:

800 East Quartzite Street
Dell Rapids, SD 57022

Approved as to Form

Contractor's License No. 28630

Expiration Date 3/1/2026

Attorney for Owner

End of Section

NOTICE TO PROCEED

Project: RRVWSP	Owner: Garrison Diversion Conservancy	Owner's Task Order No.: 5571
Contract Name: RRV Transmission Pipeline, Ct. 7A	Engineer: Black & Veatch	Engineer's Project No.: 415096
Contractor: Carstensen Contracting, Inc.		

Contractor's Address: 800 Quartzite Street, Dell Rapids, SD 57022

TO CONTRACTOR:

Owner hereby notifies Contractor that the Contract Times under the above Contract will commence to run on January 5, 2026.

On that date, Contractor shall start performing its obligations under the Contract Documents. No Work shall be done at the Site prior to such date. In accordance with the Agreement, the Milestone Completion Date is May 30, 2028, the date of Substantial Completion is August 31, 2028, and the date of readiness for final payment is September 30, 2028.

Carstensen Contracting, Inc.
(Contractor)

Received by:

Garrison Diversion Conservancy District
(Owner)

Given by:

Signature

Signature

Print Name, Title

Duane DeKrey, General Manager
Name, Title

Date

Date

cc: Kip Kovar, GD CD
Kurt Ronnekamp, BV

RRVWSP Task Order 5662 – Red River Valley Transmission Pipeline
Contracts 6B, 6C, and 7A Construction Phase Services

Task Order Effective Date: December 19, 2025

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Consideration and approval of a construction phase services Task Order in the amount of \$17,125,000 associated with Garrison Diversion's sixth, seventh, and eighth construction projects (RTP Contracts 6B, 6C, and 7A). The Task Order is for construction observation and engineering support during construction of a 24.1-mile segment of the RRVWSP transmission pipeline. Services are anticipated to begin in 4Q2025 and be completed by 4Q2028.

All professional services are provided on an hourly basis. The maximum fee is a labor and expenses estimate based on the scope and nature of the work and an anticipated 14 months of active pipeline installation and 6 months for testing, final easement restoration, and cleanup. No construction activity is expected to be undertaken from December to April of each year so field observation for this period is omitted.

The construction cost is \$184.7 million for the 24.1 miles of 72-inch pipeline, including trenchless crossings and not including any contingency monies. The projects advertised in late October 2025 with bid openings held in November 2025. Construction notice(s) to proceed will be issued in January 2026.

TASK ORDER SUMMARY

The services to be provided by the engineering and construction observation teams (Black & Veatch, AE2S, Prairie Soil Consulting, Ulteig Engineers, American Engineering Testing, Accurate Inspections, Moore Engineering, Stantec Consulting, Veteran Testing and Inspecting, Braun Intertec, and other firms) are fully described in the attached Task Order. The following summarizes the major tasks.

Basic Services: The estimated hourly fees and expenses for standard and customary construction phase services are as follows:

	Fee	% of Construction
Task Order Management and Administration	\$728,630.00	
Special and Third-Party Meetings	\$34,873.00	
Surveying, Field Testing, & Factory Inspection Services	\$2,954,605.00	
Engineering Services during Construction	\$2,195,064.00	
Construction Observation	\$11,211,828.00	
Total	\$17,125,000.00	9.3%

Special Services: There are no unique or special services identified for this Task Order at this time.

PROJECT OVERVIEW

RTP Contract 6B involves 9.2 miles of steel pipe connecting to the east end of Contract 6A northeast of Kensal continuing east with the segment ending southeast of Glenfield. Contract 6C involves 8.4 miles of pipe and will connect to Contract 6B heading east to a termination point south of Sutton. Contract 7A involves up to 6.5 miles of pipe and continues east and ending southwest of Cooperstown. The alignment and limits of the pipelines under this Task Order are shown on the figure included in the Task Order document. Key elements of the services are summarized as follows:

RRVWSP Task Order 5662 – Red River Valley Transmission Pipeline
Contracts 6B, 6C, and 7A Construction Phase Services

Task Order Effective Date: December 19, 2025

TASK ORDER EXECUTIVE SUMMARY

Task 1 – Task Order Management and Administration – This task includes overall project management and administrative services during the construction phase of the project and is consistent with services rendered under previous Task Orders.

Task 2 – Special and Third-Party Meetings – This task covers in-person meetings as needed with stakeholders including the State Engineer; Foster and Griggs County Commissioners; Eastman, Sutton, Revere, and Ball Hill Townships; Northern Plains Electric Cooperative; Greater Ramsey Water District; Stutsman Rural Water District; BEK Communications Cooperative; NODAK Electric Cooperative; Northern Plains Electric Cooperative; MLGC Cooperstown; Otter Tail Power; MidContinent Communications; Dakota Rural Water District, and Dakota Central Telecommunications.

Task 3 – Surveying, Field Testing, and Factory Inspection Services – This task consists of surveying, construction staking, services of a professional soil classifier for restoration, drone video of construction progression, pipe manufacture visits and on-site inspection of the manufacturing process and quality control/quality assurance procedures, corrosion protection system inspection and testing, services of an independent materials testing firm, and services of an independent weld verification firm.

Task 4 – Engineering Services During Construction – Consists of construction administration and engineering tasks during construction, review of shop drawings and submittals, review of progress payments, attendance at progress meetings, field visits by the engineering team, and close-out.

Task 5 – Construction Observation – Consists of the engineering team's staff providing observation and reporting of the Contractors' work for the anticipated 20 months of construction. BV staff will provide construction observation management, construction administration, and field engineering for the two projects. A lead resident project representative (Lead RPR) will oversee the work of each project and up to three RPRs will inspect pipeline installation (one for each pipe laying crew) during active pipeline installation. Three RPRs will observe testing, restoration, and cleanup activities until the project is complete. Finally, a tunnelling RPR will be provided for the installation of tunnel shafts and during tunneling trenchless crossings. RPR staff will generate daily reports for the pipeline and trenchless crossing activities, generate daily photo logs of the work progress, use global positioning system (GPS) equipment to collect real-time as-built data, and serve as a liaison between the contractor and the engineering team. See proposed field team organization in the figure that follows on the next page.




RISK CONSIDERATIONS

The following items in the specifications and/or in this Task Order scope of work are intended to mitigate potential risks associated with the installation of the three segments of the water transmission pipeline with total footage of 24.1 miles:

- Project specifications limit the amount of right-of-way that can be open at any time. The contractor will be limited to three miles of open right of way of which only two miles can include active pipeline installation. This limitation will require the Contractor to stabilize and restore the right of way area continuously within the project mitigating the impact to landowners from dust and from a property usability standpoint.

CONSTRUCTION SERVICES ORGANIZATIONAL STRUCTURE AND TASK ORDER FUNDING OVERVIEW

PROPOSED TASK ORDER FUNDING

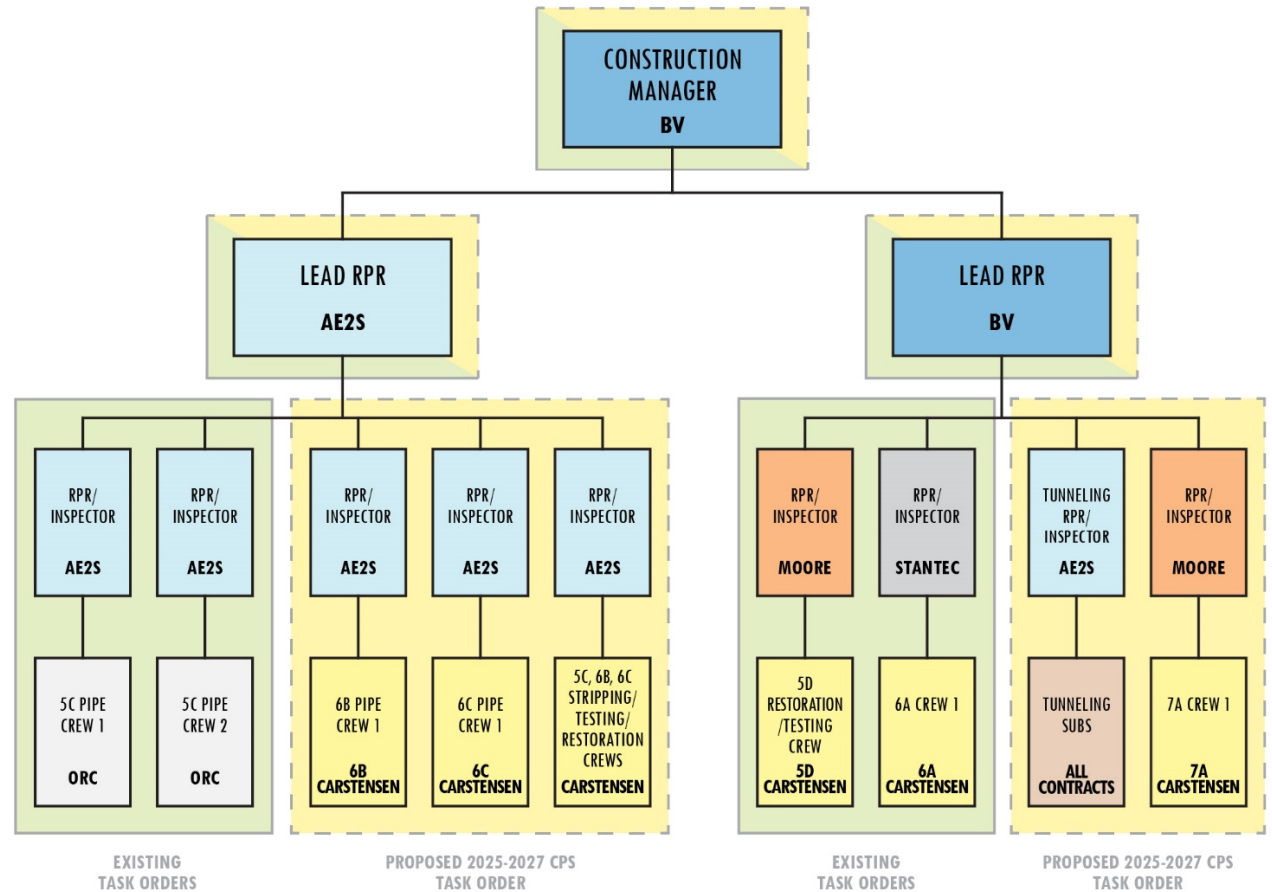
-  EXISTING TASK ORDERS
-  PROPOSED 2025-2027 CPS TASK ORDER
-  JOINT EXISTING, PROPOSED, & FUTURE TASK ORDERS

CARRINGTON OFFICE SUPPORT TEAM

- FIELD SERVICES COORDINATOR - BV
- FIELD OFFICE ADMINISTRATOR - BV
- FIELD OFFICE ENGINEER - BV

CONSULTANT SUPPORT TEAM

- PRIMARY LAYOUT & TOPOGRAPHIC SURVEYING - AE2S
- MONTHLY DRONE FLIGHTS - AE2S
- MATERIALS TESTING - AET & VTI
- WELD INSPECTIONS - AET & BRAUN INTERTEC
- FACTORY PIPE INSPECTIONS - ACCURATE INSPECTIONS
- SOILS - PRAIRIE SOILS CONSULTING
- ENVIRONMENTAL - ULTEIG ENGINEERS
- ENGINEERING SERVICES DURING CONSTRUCTION - BV



RRVWSP Task Order 5662 – Red River Valley Transmission Pipeline
Contracts 6B, 6C, and 7A Construction Phase Services

Task Order Effective Date: December 19, 2025

TASK ORDER EXECUTIVE SUMMARY

- A two-part geotechnical report approach will be used to mitigate risk and to make sure tunneling bidders are each bidding the same set of assumptions. A geotechnical data report and a geotechnical baseline report (GBR) establish the baseline by which tunneling will be undertaken by the contractors. Baseline conditions are presented in the GBR concerning ground conditions, groundwater, the expected number and size of boulders/cobbles that should be expected, etc. Conditions that exceed the baseline will be justification for the contractor to request an increase in the contract price and a time extension.
- A professional soil classifier will provide topsoil and subsoil removal and restoration process training to the contractors, RPRs, engineering team, and Garrison Diversion staff. This training and subsequent inspections will be essential to the successful reclamation of the easements. The professional soil classifier will also provide periodic quality control of contractors' restoration activities.
- RPR staff will provide observation and reporting full-time while the contractor is actively working on pipeline installation and the trenchless crossings. Due to the remote location of the work, having RPRs on site during active construction will prevent deviations from the drawings and specifications. Deviations noted will be identified and corrected.
- RPRs will be collecting real-time as-built information confirming elevation and location of the pipeline and appurtenances with high accuracy GPS equipment.
- The engineering team's corrosion protection staff will provide field inspection and start-up services for the corrosion protection system. The scope of work also includes inspection and a training session for Garrison Diversion staff.
- Independent construction materials testing for granular materials, concrete, and compaction will be provided by the engineering team through a subconsultant.
- Drone video of the active construction and restored areas will be provided monthly. Garrison Diversion has used these videos and photographs in educational materials, landowner outreach, and public communication. The engineering team uses the drone material to review construction progress.



Black & Veatch Corporation

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

RRVWSP Task Order 5662 – Red River Valley Transmission Pipeline Contracts 6B, 6C, and 7A Construction Phase Services

Effective Date – December 19, 2025

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

I. BACKGROUND.....	1
II. TASK ORDER OBJECTIVES.....	2
III. GENERAL REQUIREMENTS.....	4
IV. BASIC SERVICES.....	4
V. SPECIAL SERVICES.....	18
VI. DELIVERABLES.....	18
VII. ADDITIONAL SERVICES.....	19
VIII. SPECIAL RESPONSIBILITIES OF OWNER.....	20
IX. FEE.....	20
X. PERFORMANCE SCHEDULE.....	20
XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS.....	20
XII. ACCEPTANCE.....	21

I. BACKGROUND

1. From 2015 to the present, the Garrison Diversion Conservancy District (GDCCD, Garrison Diversion, Owner) authorized Black & Veatch Corporation (Engineer, BV) and its consultants to complete designs for a 167-mile Transmission Pipeline (TPL). Initially, a preliminary design was completed for the whole transmission pipeline first beginning in the 2015 to 2017 biennium. In the 2017 to 2019 biennium, final design activities began on a 28-mile segment, later referred to as Contract 5, running from roughly a few miles south of Sykeston, ND on the west end to just east of the James River on the east end. Because of funding constraints, Contract 5 was subsequently divided into four separate segments referred to as Contracts 5D, 5A, 5B, and 5C (ordered from west to east). The design on the 1-1/4-mile Contract 5A finished first with construction beginning in early 2021 and completing in mid-2022. The design on the next segment, 9-mile Contract 5B, was finished and construction began in early 2022. Construction of Contract 5B was completed in 2025.
2. The design of the last two segments of Contract 5, the 8-mile Contract 5C and the 10-mile Contract 5D, was completed in June 2023. This work was authorized under Task Order 5333 –

Transmission Pipeline East, Contract 5C and 5D, Design Wrap-up Services and Bidding Assistance. Under an authorization for professional services with an effective date of October 1, 2021, Engineer advanced the design of approximate 8- and 10-mile pipeline segments of Contract 5 to biddable plans and specifications. Designs were completed and the projects advertised 2023, with the bid lettings shortly thereafter. Notices to proceed were issued and construction field activities began in May 2024. Initial pipe necessary to begin the projects was fabricated and delivered in 2Q24.

3. Design of a new segment, Contract 6, was authorized under Task order 5360 – Red River Valley Transmission Pipeline Contract 6, Final Design and Bidding Assistance with an effective date of November 1, 2021. It was subsequently split into three segments, Contract 6A, 6B, and 6C. Design of these segments is complete. Due to funding limitations, only Contract 6A was funded for construction from the 2023 to 2025 biennium. Contract 6A advertised in 2024. A notice to proceed was issued in early January 2025 with construction field activities beginning in May 2025.
4. Designs of Contracts 6B, 6C, and 7A were completed in October 2025. Construction of these segments will be funded from the 2025 to 2027 biennium. The projects advertised and a bid letting was held in October 2025. A notice to proceed will be issued in early 2026, with construction field activities to begin as early as April 2026 weather dependent. Initial pipe necessary to begin the projects will be fabricated and delivered in 2Q26. Construction is anticipated to run from early 2026 through fall of 2028.

II. TASK ORDER OBJECTIVES

1. The Owner would like to continue construction of the transmission pipeline. This Task Order is for engineering services during construction of TPE Contracts 6B, 6C, and 7A. Given the funding allocated by the North Dakota Legislature for the 2025 to 2027 biennium, Garrison Diversion expects to install up to 24 miles of transmission pipeline. The exact length of the pipeline installed will depend upon the bids received. It is expected that the construction support resources will be shared across the three construction contracts as the contracts will be occurring concurrently and in proximity. Thus, the construction support for three construction contracts is being combined under one task order.
2. The objective of this Task Order is to oversee installation of up to 24.1 miles of 72-inch steel pipe and accessory items in Foster and Griggs Counties from southwest of Glenfield to southwest of Cooperstown. Contract 6B involves 9.2 miles of steel pipe and will connect to the east end of Contract 6A ending southwest of Glenfield. Contract 6C involves 8.4 miles of pipe and will connect to the east end of Contract 6B and west end of 7A. Contract 7A involves 6.5 miles of pipe and continues east ending southwest of Cooperstown. The alignment and limits of the pipeline under this Task Order are shown in Figure 1. The pipeline will primarily be installed with cut-and-cover methods. However, there are trenchless portions on each section that will require tunneling: one in Contract 6B, two in Contract 6C and three in 7A.

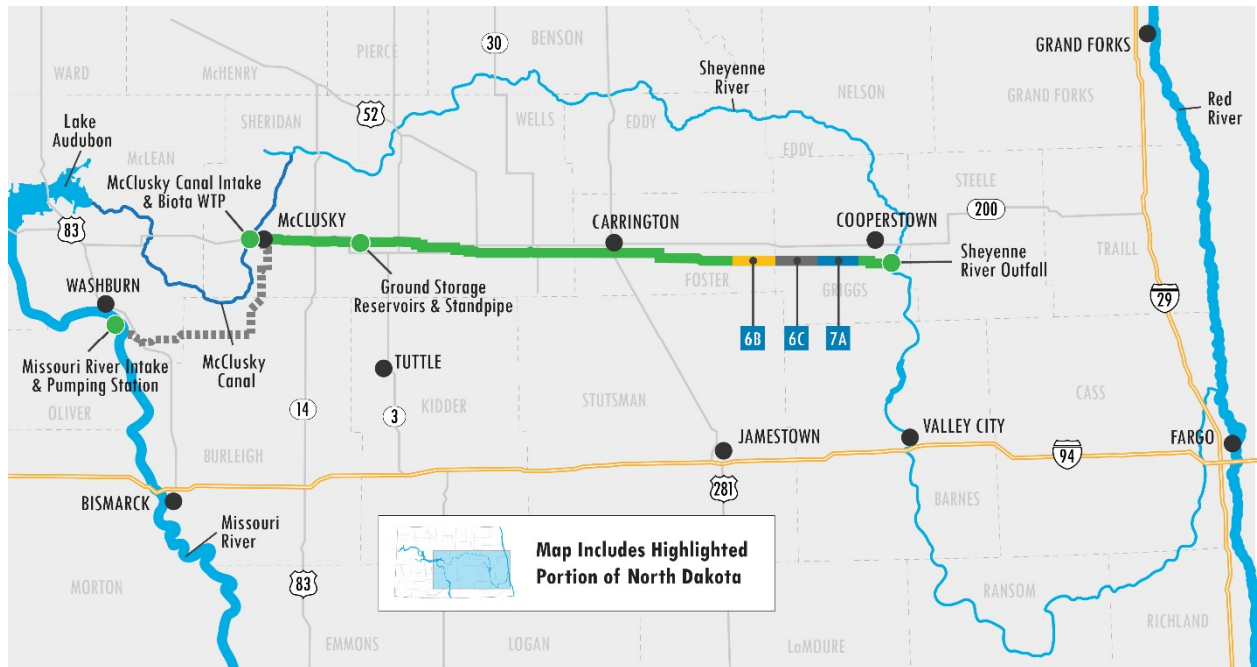


Figure 1 – Map of Transmission Pipeline Contracts

3. Having held a bid letting for the three segments in October 2025 and made the award of each, Carstensen Contracting, Inc. (Carstensen, General Contractor, GC) of Dell Rapids, SD will be the general contractor for all three segments. Contracts 6B and 6C will be combined and executed as a single project. Carstensen plans to deploy a single pipe installation crew for each segment for a total of three. Resident project representation of engineer is based upon this GC execution plan. Carstensen will use Minger Construction for the trenchless work on Contracts 6B and 6C. Iowa Trenchless will be the trenchless subcontractor to Carstensen on Contract 7A.
4. It is anticipated that the remaining pipeline segment, 7B, designed under Task Order 5371 will be publicly advertised and a bid letting held in 3Q27. The goal would be to have pipe on site and be ready to be installed as early as possible in the summer of 2028, finishing in 2030. Construction phase services for segment 7B are not included here and will require a future authorization.
5. This Task Order includes field services for landowner interface/communication as the construction project will impact cultivated farm ground and pasture. A key focus of field services provided herein will be to monitor the segregation of excavated soil and the restoration of the soil profile to a condition as similar as possible to pre-construction conditions. Engineer will employ a soil scientist to make sure work is progressing according to specification requirements from a soil management perspective.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Garrison Diversion 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 construction phase services associated with the Contract Documents that were prepared and bid under Task Orders 5360 and 5371.
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. Explicitly Identified Quantities. Engineer in development of this Task Order estimates 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 quantities identified in Basic Services or Special Services are considered Additional Services.

IV. BASIC SERVICES

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

- Task 1 – Task Order Management and Administration
- Task 2 – Special and Third-Party Meetings
- Task 3 – Surveying, Field Testing, and Factory Inspection Services
- Task 4 – Engineering Services During Construction
- Task 5 – Construction Observation

1. Task 1 – Task Order Management and Administration

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

- A. Task Order Setup and Work Plan Development. Engineer will develop a Project work plan that includes the scope, schedule, and budget. Engineer will conduct a virtual overall Project kick-off meeting with the team.
- B. 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 to coincide with progress reports.
- C. Communication and Coordination. Overall project communications and coordination support during construction will be provided by Engineer. Engineer will utilize Engineer's standard construction management tools to track the status of correspondence, requests for information (RFIs), request for proposals (RFPs), submittals, change orders, potential change orders, claims, field orders, Contractors monthly invoices, permits, etc.

2. Task 2 – Special and Third-Party Meetings

Engineer or Engineer's subconsultant will prepare materials for GDCD and, if requested, attend and present Project information at in-person third-party meetings and calls with the following stakeholders:

- A. One joint meeting with the State Engineer and North Dakota State Water Commission,
- B. Three meetings with Griggs County and Foster County Commissioners,
- C. One meeting with Eastman, Sutton, Revere, and Ball Hill Townships.
- D. Two meetings with Northern Plains Electric Cooperative,
- E. Two meetings with Greater Ramsey Water District,
- F. Two meetings with Stutsman Rural Water District,
- G. Two meetings with BEK Communications Cooperative,
- H. One meeting with NODAK Electric Cooperative,
- I. One meeting with Northern Plains Electric Cooperative,
- J. One meeting with MLGC Cooperstown,
- K. One meeting with Otter Tail Power,
- L. One meeting with MidContinent Communications,
- M. One meeting with Dakota Rural Water District, and
- N. Two meetings with Dakota Central Telecommunications.

3. Task 3 – Surveying, Field Testing, and Factory Inspection Services

The objective of the Field Services task is to perform miscellaneous on-site field activities to support construction and closeout of Contracts 6B, 6C and 7A.

- A. Field Surveying. Engineer will provide the following field surveying services during construction.
- i. Limited Topographic Surveying. Supplemental field surveying will be completed, on an as-needed basis, to precisely define significant surface and drainage features present at the site. Engineer will provide these field surveys to establish horizontal coordinates and vertical elevations of topographic features impacting pipeline installation. Up to four two-day trips and 80 crew hours are budgeted for this task.
 - ii. Location Surveys. Engineer will provide field pre-construction layout surveys to establish horizontal coordinates and vertical elevations of structures and utilities. Those services are discussed below – layout and as-built surveying. All other surveying necessary for completion of construction is the responsibility of the Contractors.
 - (a) Layout Surveying. Engineer will provide layout surveying to:
 - (i) Define the location and elevation of the top of the pipeline at 100-foot intervals and at horizontal and vertical points of inflection, and
 - (ii) Locate designated easements at 200-foot intervals.
 - (b) As-Built Surveying. Engineer will survey constructed and installed facilities to record characteristics (x-y-z coordinates) as built by Contractors. Engineer will provide Contractors with a list of data it intends to collect for record documents. Survey information will define the location and elevation of the top of the pipeline at 100-foot intervals, at horizontal and vertical points of inflection, and at valves and other pipeline appurtenances. Top of pipe will be surveyed using a high accuracy mapping-grade global positioning system (GPS) unit prior to trench backfilling.
- B. Professional Soil Classification. One of Garrison Diversion's critical success factors for the RRVWSP is landowner relations so an emphasis is placed on restoration of agricultural land impacted by RRVWSP construction. The goal is to restore land affected by construction to as near pre-construction condition as possible. To that end, a North Dakota licensed professional soil classifier was engaged during design to guide the engineering team in development of relevant specifications. A currently registered professional soil classifier in North Dakota will perform this work. The specifications developed in consultation with the professional soil classifier covered construction work from stripping of soil through replacement of soil back into the trench section and re-establishment of a vegetative cover. To make sure Contractors execute the pipeline installation work satisfactorily as it relates to soil management, the professional soil classifier will:
- i. Conduct Soil Identification Training. At project commencement and annually thereafter, plan, organize, and conduct soil identification training for the Project teams. Representatives of the Contractors, Owner, and Engineer will attend so parties understand the requirements of the specifications and Garrison Diversion's

expectations for easement restoration. The concept of Topsoil, Subsoil, and Other Soil will be explained. Simple field techniques and tools will be demonstrated. Natural soil and landscape variability and the limitations of large construction equipment will be discussed. Potential problem areas found along the route will be discussed to reduce potential contamination of Topsoil during the segregation process. Garrison Diversion will dig demonstration pits for the professional soil classifier use for training.

- ii. Complete Periodic Inspections and Quality Review. Upon initiation of field work, the professional soil classifier will work closely with the Contractors to appropriately apply the concepts of Topsoil, Subsoil and Other Soil to the construction process. This will help ensure quality stripping, excavation, and stockpiling of these materials. After soil replacement, the professional soil classifier will evaluate the soil material replacement process in selected areas and recommend appropriate actions for the Contractors to undertake to correct deficiencies, if any. As construction proceeds, it is expected that the professional soil classifier's field input will be reduced and only periodic inspections will be needed. If the Contractors encounter problematic areas, the professional soil classifier will provide guidance through the Engineer.
- C. Drone-Based Video Monitoring. Video the construction job site using drone-based video equipment producing videos using a minimum 12-megapixel resolution camera. Provide a drone and operator with proper certifications and licenses for both federal and local authorities. Drone video will be collected as follows:
- Pre-construction after the Contractors' notice to proceed is issued and no more than one month before field construction activities commence.
 - Monthly active construction monitoring consisting of pipeline installation, which is assumed to be 20 months in duration for each segment (not sequential accounting for winter shutdowns). The last collection for this bullet will be at or near substantial completion of the project. (19 videos)
 - Post-construction at or near completion of all work when Projects are ready for final payment to document the restoration of disturbed areas.
 - Post-Project completion at or near the time of the warranty inspection to document condition of the easement and the effectiveness of Contractors' restoration work.
- D. Pipe Manufacturers Site Visits and Inspections. Engineer will visit the pipe fabrication facilities to inspect the pipe, lining, and coating after production.
- Visit the pipe fabrication facilities to inspect pipe manufacturing and the manufacturer's quality assurance / quality control program.
 - Inspect and verify coating and lining integrity and thickness prior to shipment.
 - Engineering and owner representatives will attend up to two 2-day factory inspections of pipe manufacturers.

- E. Corrosion Protection Systems Inspection and Testing. Engineer will provide a corrosion protection system design engineer to verify the installation of the pipe and trenchless crossings' corrosion protection system. As part of those services, Engineer will:
- Provide inspections of the impressed current corrosion protection system for the pipe and the sacrificial anode cathodic protection system for the tunneled crossing casing pipe(s) during construction and installation.
 - Provide a final inspection and commissioning of the corrosion protection system. Verify the installed systems are functioning as designed.
 - Inspect and test operation and effectiveness of previously installed cathodic protection system on completed pipeline contracts.
 - Prepare a report documenting the results of the corrosion protection system testing results of commissioning activities.
 - While on site for testing and acceptance activities, train Garrison Diversion staff on design intent, installation and operational requirements, and periodic testing needed to make sure system is functioning properly.
 - Participate in the warranty inspection testing and reporting on the system's operation immediately prior to expiration of the Contractors' correction period.
- F. Independent Construction Materials Testing. Provide the services of an independent testing laboratory to perform inspections and tests of samples and materials required by the Contract Documents (CDs) (not including tests required of the Contractor). It is assumed that pipe installation will take approximately 52 weeks. During pipe installation, testing lab(s) will make two to three trips per week for each pipeline contract to provide the specified testing. A total of 156 trips per pipeline contract have been budgeted for the work with each trip requiring a half-day's effort.
- Provide laboratory and field testing of aggregate and backfill material.
 - Provide laboratory and field testing of concrete, grout, flowable fill, and other cementitious material.
 - Review and provide the Owner findings and reports generated by the independent testing laboratories.
- G. Independent Welding Verification. Provide the services of an independent welding inspection firm to randomly inspect and test a minimum of 25 percent of pipe joint welds with non-destructive methods. It is assumed here for the purpose of estimating the fee that pipe joints will be 50-ft in length.
- H. Field Delineation of Wetlands. Engineer using its consultant will delineate USACE jurisdictional wetlands within the pipeline easement and shown on the CDs for each project. Boundaries of jurisdictional wetlands will be staked by consultant so that Contractors can erect construction fencing or barricades protecting the area as required by the CDs. Engineer will survey and record boundary information corresponding to the fencing erected by the Contractors.

4. Task 4 – Engineering Services During Construction

Engineer will perform services during the construction phase of the projects. By performing these services, Engineer does not have the authority or responsibility to supervise, direct, or control the Contractors' work or the Contractors' means, methods, techniques, sequences, or procedures of construction.

Engineer and its Consultants will utilize Garrison Diversion's project management information system (PMIS), Trimble Unity Construct (formally known as e-Builder) and use it to administer construction phase services. The Contractor hired to install the pipeline will also be required to use the PMIS system. These requirements are included in the CDs.

Engineer does not have authority or responsibility for safety precautions and programs incidental to the Contractors' work or for any failure of the Contractors to comply with laws, regulations, rules, ordinances, codes, or orders applicable to the Contractors furnishing or performing the Work.

Engineer will provide services during construction from the Contractors' notice to proceed through final completion, with the Contractors' schedules estimated as follows:

- Notice to proceed: January 2025 for 6B, 6C, and 7A
- Start of field work: May 1, 2026 (no earlier than)
- Complete pipe installation: May 30, 2028
- Achieve Substantial Completion: August 31, 2028
- Projects Complete and Ready for Final Payment: September 30, 2028

If Contractor's schedules are extended for any reason, Engineer will provide services during the extension as Additional Services upon approval of Garrison Diversion. Under these circumstances, Engineer's construction services task order will be amended for the additional services necessary to administer and inspect the Contractors' work over the Contractors' extended schedule. Specific engineering services during construction to be performed by Engineer are as follows:

A. Progress Reporting. Engineer will prepare a digital Project progress report each month there is active construction Work underway (24 reports across the three projects). The progress report will include most, but not all, of the following:

- Executive summary
- Summary of the Contractors' progress
- General condition of the Work
- Critical issues and resolutions/proposed resolutions to such issues
- Cost summary, including project budget status
- Cash flow
- Schedule summary
- Submittals, RFI logs, change request logs, list of potential/accepted scope changes

- A look-ahead schedule for upcoming activities
- Digital progress photographs and videos
- Other issues and concerns

B. Construction Administration Support Services. Engineer and its consultant will administer engineering services during construction, including those activities identified below. Documentation generated during construction will be processed, logged, tracked, reviewed, and posted by Engineer, Owner, and Contractors within a system furnished by Engineer.

i. Engineer's Staffing During Construction. Engineer will submit the following information to Owner soon after commencement of construction.

- Field staffing schedule
- Cash flow projections
- Standard report formats

ii. Contractors' Schedule. Determine if Contractors' schedule is consistent with the CDs with emphasis on milestone dates and construction sequencing, as applicable, during construction. Review to verify correct sequencing is incorporated as to road crossing and make sure proposed schedule complies with township and county requirements. Engineer's review does not include an analysis of Contractors' approach, means, or methods of construction to perform the Work specified in the CDs.

(a) Review and comment on the Contractors' initial construction schedule, and

(b) Review and comment on updated monthly schedules up to 18 for each construction contract.

iii. Contractors' Estimates of Monthly Payments. Review the Contractors' initial and updated schedule of estimated monthly payments and advise Owner as to acceptability.

iv. Contractors' Guarantees, Bonds, Test Reports, and Certificates. Receive guarantees, bonds, and certificates of inspection, tests and approvals, and other documentation that is to be assembled by the Contractors. Review for completeness in accordance with the CDs and transmit to Owner.

v. Submittals Reviews. Review drawings and other data submitted by the Contractors as required by the CDs. Engineer's review will be for general conformity to the CDs and does not relieve the Contractors of any of his contractual responsibilities. Such reviews do not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. For the purposes of fee development, Engineer assumes Contractors will each submit up to 100 submittals, including both submittals and re-submittals, for review and comment by Engineer. Up to 300 submittals will be processed across the three projects.

- vi. RFPs. Develop and issue RFPs for Owner-requested changes to the design, for changes or modifications resulting from Contractor-submitted RFIs, or for other reasons where additional work or changes to the Work are requested of the Contractors. For the purposes of fee development, Engineer will develop up to four RFPs for each project for pricing and determination of schedule impacts, if any, by Contractors. A total of 12 RFPs is anticipated.
- vii. RFIs, Change Order Requests, and Claims. Engineer will receive and process on behalf of the Owner RFIs, change order requests, and claims submitted by Contractors. Specific services to be provided for each of these types of Contractors' submittals are as follows:
- (a) RFIs. Interpret CDs when requested by Owner or Contractor. Requests for clarification or information shall be in writing and copies of Engineer's response will be distributed. For the purposes of fee development, Engineer assumes Contractors will submit up to 20 RFIs for each project for review/response by Engineer. Up to 60 RFIs are anticipated.
 - (b) Change Order Requests and Change Orders. Review Owner- or Contractor-initiated requests for Project changes. For the purposes of fee development, Engineer assumes Contractors will submit up to 10 change order requests for each project for Engineer to review and provide responses. Of the change order requests submitted, Engineer will prepare on behalf of the Owner up to five formal change orders for each project assembled from approved change order requests (up to 15 total change orders). Change order requests' review and change order processing will involve the following:
 - Review of documentation against requirements of the CDs,
 - Preparation of necessary additional documentation,
 - Evaluation of cost and scheduling,
 - Review of requests for extensions of Contract Time, if any,
 - Owner negotiation assistance for the purpose of obtaining a fair price for the additional Work from Contractors or for obtaining an equitable deduct for work removed from the Contract,
 - Submittal of an acceptance/rejection recommendation to Owner, and
 - Preparation and processing of the formal change order.
 - (c) Claims. Act on claims of Owner and the Contractors relating to the acceptability of the Work or the interpretation of the requirements of the CDs. For the purposes of fee development, Engineer assumes Contractors will submit up to two claims for each project for review and response by Engineer for a total of up to six claims
- viii. Field Orders. Prepare Field Orders to incorporate changes to the Work or new work added into the CDs by Owner or Contractor. For the purposes of fee development,

Engineer will prepare up to 15 field orders for each project for implementation by Contractor for a total of up to 45 field orders.

- ix. **Contractors Pay Requests.** Review and process the Contractors' monthly payment request (also known as an application for payment), and forward to Owner, if appropriate. Engineer's review will be for the purpose of making a full independent mathematical check of the Contractors' payment request. Engineer is responsible for verifying the quantities of work completed and the amount of stored material, which are the basis of the Contractors' payment request. For the purposes of fee development, Engineer will process up to 20 pay requests for each project submitted by Contractors for a total of up to 60 pay requests.
- x. **Funding Agency Submittals.** Assist Owner in completing forms for funding agency partial payment requests and for the final payment request.
- xi. **Lien Releases.** Assist Owner in securing lien releases from the Contractors for its subcontractors, suppliers, manufacturers, etc. prior to final payment. Lien release waivers will be required when the value of the services provided, material furnished, equipment manufactured, etc. exceeds 1 percent of the Contract Amount. Owner reserves the right to require other lien releases for its convenience and protection if requested of the Contractor.
- xii. **Consent of Surety to Final Payment.** Assist Owner in applying for Surety's consent to final payment.
- xiii. **Conformed to Construction Records Drawings.** Upon completion of the Project, update Issued for Construction drawings to reflect changes made, if any, to drawing content. A unique sheet number will identify each drawing. The following will be furnished to the Owner:
 - Native drawing files in AutoCAD Civil 3D or REVIT format, as applicable,
 - Compiled and bookmarked pdf file of the Conformed-to-Construction Records drawing set,
 - Hardcopy drawing sets, and
 - A hardcopy Mylar set suitable for long-term storage and archiving.

Conformed-to-Bid specifications are excluded from the Conformed-to-Construction Records documentation; they will not be updated from the Issued for Construction edition.

- C. **Field Support Services.** Engineer and its consultant will provide field support services during periods of active construction, including those activities and services identified below.
 - i. **Construction Progress Meetings and Site Visits.** Engineer's project manager and/or project engineer will periodically visit the construction site to observe progress of the Work and to consult with the Owner and Contractors during active construction

periods. Up to six periodic site visits will be made by Engineer's offsite personnel. Engineer will observe Work progress and quality advising Owner and Contractors of problems or deficiencies observed, if any. A total of 60 in-person meetings and associated site visits for each project are included. Meetings are assumed to occur on a bi-weekly basis during active pipe installation.

- ii. **Discipline-Specific Site Visits.** Project design team personnel with applicable areas of responsibility will visit the site to observe construction and to confer with Owner and Contractor. Visits to the construction site will be appropriate for Work underway. Up to 6 site visits for each project by Engineer's specialty office staff are anticipated during construction for a total of up to 18 site visits.
- iii. **Digital Photographic and Video Documentation.** Assemble a digital photographic and video record of the Project's construction, including the following:
 - (a) **Pre-construction Photographs.** Take digital photographs of the construction site prior to the beginning of Work to assist in defining the original condition of existing physical features. The subject matter of photographs will include, but not be limited to, pavement, trees, ditches, fences, sidewalks, buildings, and structures, as applicable, that are located within and near (within 100 feet property lines or easements) proposed construction.
 - (b) **Monthly Photographs.** Engineer will provide digital photographs each month to document construction progress. Photographs will show views of construction progress and elements that will be covered by subsequent construction.
 - (c) **Video Documentation.** Engineer will record digital videos to document existing conditions and construction progress.
- iv. **Punch List.** Upon Contractors' written request for a certificate of substantial completion, inspect the construction Work and prepare a punch list of those items to be completed or corrected before final completion of the Work. Submit results of the inspection to Owner and Contractors. Engineer will conduct the 8-hour Substantial Completion inspection for each project.
- v. **Final Inspection.** Upon completion or correction of the items of Work on the punch list, conduct a final inspection to determine if the Work is complete. Provide a written recommendation to Owner concerning final payment, including a list of items, if any, that Contractors must complete prior to Owner making such payment. Engineer will conduct the 8-hour Final Completion inspection for each project.
- vi. **Warranty Inspection.** Approximately 11 months after Final Completion during the CDs' correction period complete a warranty inspection of the Work. Provide a written report to Owner of deficient items that Contractors must address in accordance with the warranty provisions of the CDs. Engineer will conduct an 8-hour warranty

inspection for each project. Inspect and re-test the cathodic protection system; prepare report documenting the results of the cathodic protection system testing.

5. Task 5 – Construction Observation

Engineer will furnish full-time field construction observation management, field engineering, Resident Project Representation (RPRs), and office administration during periods of active pipeline installation and trenchless construction. Full-time staffing will not be provided for easement restoration and final cleanup if these efforts are undertaken after pipe installation is complete.

RPRs will be responsible for observing, inspecting, and documenting construction of each of the projects. RPRs will be present at the Work sites during active construction.

Engineer's construction observation field staff positions and organization are shown in Figure 2 below:

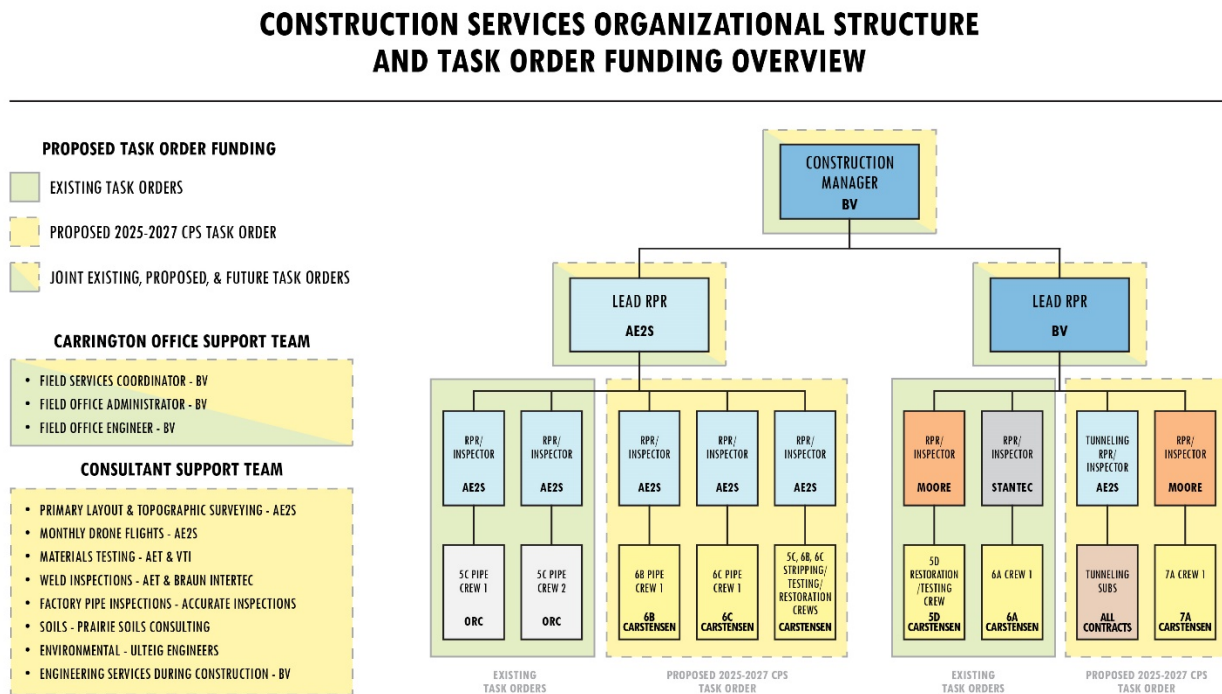


Figure 2 – Construction Observation Field Staffing and Organization

A construction schedule for completion of the work based upon the Contact Times included in the CDs was assumed for the development of Engineer's fee. Based on the anticipated construction schedule, the RPR level of effort assumptions are:

- Pipeline Installation: To cost this scope of work and associated level of effort, it was assumed that up to 24-miles of pipeline across the three contracts will require 52 weeks of full-time RPR services for installation of the pipeline and 26 weeks of full-time RPR services for achieving Substantial Completion testing and restoration of the easement. It is further assumed that Contractor will utilize one pipeline crew per segment during each

construction season. Two lead RPRs and five supporting RPRs will be on site for both projects at 50 hours per week in May, 70 hours per week from June through October, and again 50 hours per week in November. No work is anticipated from December through April. A reduced staff (one RPR without a lead RPR per project) will provide observation during testing, ancillary systems buildout, easement restoration, and cleanup activities in 2028. These services are estimated to require 60 hours per week.

- Tunnel Shaft Construction: To cost this scope of work and associated level of effort, it is assumed that the construction and removal of tunnel shafts (working and receiving) will require 52 weeks of full-time RPR services. It is assumed that an RPR will be on site six days per week at an average of 10 hours per day for 22 weeks of each season and 50 hours per week for the preceding 4 and subsequent 4 weeks.
- Tunneling Operation: To cost this scope of work and associated level of effort, it is assumed that the tunneling operation will require 10 hours per day, six day per week RPR services for 36 weeks of trenchless work. Six trenchless crossings are included in the three projects.

Specific services performed by the RPRs will be as follows:

- A. Site Observations and Liaison with Owner and Contractors. Duties include the following:
 - i. Conduct on-site observations of the general progress of the Work to assist Engineer in determining if the Work is proceeding in accordance with the CDs.
 - ii. Serve as Engineer's liaison with the Contractors working principally through the Contractors' superintendent assisting Engineer in providing interpretations of the CDs.
 - iii. Assist Engineer in serving as Owner's liaison with the Contractors when the Contractors' operations affect Owner's or landowner's on-site operations.
 - iv. As requested by Engineer, assist in obtaining from Owner additional details or information when required at the jobsite for proper execution of the Work.
 - v. Report to Engineer giving opinions and suggestions based on the RPR's observations regarding defects or deficiencies in the Contractors' work and relating to compliance with drawings, specifications, and design concepts.
 - vi. Advise Engineer and the Contractors or their superintendent immediately of the commencement of any work requiring a submittal or sample submission if the submission has not been accepted by Engineer.
 - vii. Monitor changes of apparent integrity of the site (such as differing subsurface and physical conditions, existing structures, and site related utilities when such utilities are exposed) resulting from construction related activities.
 - viii. Observe pertinent site conditions when the Contractors maintains that differing subsurface and physical conditions have been encountered, document actual site

conditions. Review and analyze Contractors' claims for differing subsurface and physical conditions.

- ix. Verify that the Contractors have contacted landowners and utilities in the general construction area and advised them of Contractors' schedule. Assist in coordinating scheduling of utility activities to minimize conflicts with Owner's activities.
- x. Establish and furnish the Contractors with necessary baselines and control points, which will be used as datum for the Work.
- xi. Visually inspect materials, equipment, and supplies delivered to the worksite. Reject materials, equipment, and supplies that do not conform to the CDs and accepted submittals.
- xii. Coordinate on-site materials testing services during construction. Copies of testing results will be forwarded to Owner and Engineer for review and information.
- xiii. Observe field tests of equipment, structures, and piping and review the resulting reports commenting to Engineer, as appropriate.
- xiv. Outside Liaison. Accompany visiting inspectors representing public or other agencies having authority over the Project. Record the names of the inspectors and the results of the inspections and report to Engineer.

B. Meetings, Reports, and Document Review and Maintenance. Duties include the following:

- i. Attend the preconstruction conference, and assist Engineer in explaining administrative procedures, which will be followed during construction.
- ii. Schedule and attend monthly progress meetings, and other meetings with Owner and the Contractor, when necessary, to review and discuss construction procedures and progress scheduling, engineering management procedures, and other matters concerning the Project.
- iii. Submit to Engineer, with a copy to Owner, daily reports and periodic construction progress reports containing a summary of the Contractors' progress, general condition of the Work, problems, and resolutions or proposed resolutions to problems.
- iv. Review the progress schedule, schedule of shop drawings submissions, and schedule of values prepared by the Contractor, and consult with Engineer concerning their acceptability.
- v. Report to Engineer regarding Work which is known to be defective, or which fails any required inspection, test, or approval, or has been damaged prior to final payment; advise Engineer whether the Work should be corrected or rejected, should be uncovered for observation, or require special testing, inspection, or approval.

- vi. Review Contractors' payment requests with the Contractors for compliance with the established procedure for their submission and forward them with recommendations to Engineer noting particularly their relation to the schedule of values, work completed, and materials and equipment delivered to the site but not incorporated into the Work.
- vii. Record date of receipt of approved submittals and samples. Receive samples (when they are received at the site by the Contractor) and notify Engineer of their availability for examination.
- viii. During the Work, verify that specified certificates, operation and maintenance (O&M) manuals, and other data required to be assembled and furnished by the Contractors are applicable to the items installed; deliver RPR's field files to Engineer for his review and forward to Owner prior to final acceptance of the Work.
- ix. Maintain a marked set of drawings and specifications at the jobsite based on data provided by the Contractor. This information will be combined with information from the record documents maintained by the Contractor, and a primary set of documents conforming to construction records will be produced.
- x. Review certificates of inspections, tests, and related approvals submitted by the Contractors as required by laws, rules, regulations, ordinances, codes, orders, or the CDs, but only to verify that their content complies with the requirements of, and the results certified indicate compliance with, the CDs. This service is limited to a review of items submitted by the Contractors and does not extend to a determination of whether the Contractors has complied with all legal requirements.
- xi. Maintain the following documents:
 - Correspondence files
 - Reports of jobsite conferences, meetings, and discussions among Engineer, Owner, and Contractor
 - Submittals, shop drawings, and samples
 - Reproductions of original CDs
 - Addenda
 - RFIs
 - RFPs
 - Change order requests
 - Change orders
 - Field orders
 - Additional drawings issued after execution of the CDs
 - Progress reports
 - Names, addresses, and telephone numbers of contractors, subcontractors, and major suppliers of material and equipment

- A diary or logbook of events observed by the RPR at the jobsite, which will remain the property of Engineer, including the following information:
 - Days the Contractors worked on the jobsite
 - Contractors' and subcontractors' personnel on jobsite
 - Construction equipment on the job site
 - Observed delays and causes
 - Weather conditions
 - Data related to claims for extras or deductions
 - Daily activities
 - Observations pertaining to the progress of the Work
 - Materials received on the jobsite

D. Assistance in Certification of Substantial Completion. Duties include the following:

- i. Before Engineer issues a Certificate of Substantial Completion, submit to the Contractors a list of items observed to require completion or correction.
- ii. Assist Engineer in conducting a final inspection in the company of Owner and the Contractors and prepare a final list of items to be completed or corrected.
- iii. Verify items on the final list have been completed or corrected and make recommendations to Engineer concerning acceptance.

V. SPECIAL SERVICES

There are no special services included as part of this scope.

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
 - A. Construction services work plan, including resident project representation.
 - B. Monthly engineering invoices and progress reports
2. Task 2 – Special and Third-Party Meetings
 - A. Project information for presentation/handout during stakeholder meetings
3. Task 3 – Field and Factory Services
 - A. Webcam video access for facility projects
 - B. Aerial videos of site
 - C. Soil investigation report

- D. Manufactured pipe inspection report
 - E. Cathodic protection inspection report
4. Task 4 – Engineering Services During Construction
- A. Monthly progress reports (digital reports)
 - B. Construction Administration Support Services
 - i. Engineering staffing report
 - i. Contractors’ initial and monthly schedule update review comments
 - ii. Contractors’ schedule of payment review comments
 - iii. Contractors’ guarantees, bonds, test reports, and certificates review comments
 - iv. Submittal review comments
 - v. Review and process RFPs
 - vi. Process RFIs and prepare responses
 - vii. Review and process change order requests; prepare formal change orders
 - viii. Review and process claims
 - ix. Review and process field orders
 - x. Review and process Contractors’ pay requests
 - xi. Assist with funding agency submittal forms
 - xii. Review and process lien releases
 - xiii. Assist with securing consent of surety to final payment Prepare
 - xiv. Conformed to Construction Record Drawings (two hard copies, one Mylar copy, electronic pdf files, native drawing files (AutoCAD Civil 3D or REVIT format))
 - D. Field Support Services
 - i. Preconstruction meeting agenda (MS Outlook meeting invitations) and notes (electronic pdf files), as warranted
 - ii. Photos of progress and pre-construction (jpeg files provided on USB drive)
 - iii. Video documentation (mpg files provided on USB drive)
 - iv. Substantial Completion inspection and punch list
 - v. Final payment recommendation
 - vi. Warranty inspection report
5. Task 5 – Resident Project Representative Services
- A. Daily reports and periodic summary construction progress reports (electronic pdf files)

VII. ADDITIONAL SERVICES

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:

1. Construction administration and resident project representation for any period exceeding the construction duration(s) specified in the CDs.
2. Observation of Contractors' efforts by the RPR undertaken on Sundays or client-observed holidays.
3. Extended overtime work schedules (efforts that exceed the budget assumptions made in this task order) as originally scheduled by Contractors at commencement of construction or subsequently implemented by Contractors with Owner concurrence to regain schedule.
4. There are no known hazardous materials or hazardous environmental site conditions along the pipeline alignment. If any hazardous conditions are encountered during pipeline installation, professional services necessary are considered additional services.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

1. Lead landowner communication and coordination efforts with assistance provided by Engineer, as requested.
2. Coordinate with and inform regulatory and permitting agencies, as applicable, of construction initiation and progress.
3. Dig demonstration pits for professional soil classifier as noted earlier in this Task Order.

IX. FEE

The total fee for Basic Services provided under this Task Order is Seventeen Million One Hundred Twenty-Five Thousand Dollars (\$17,125,000). 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 2028 coinciding with the completion dates of each project, provided a notice to proceed is issued to the Contractors no later than 1Q26. Warranty services must be completed prior to expiration of the Contractors' 1-year correction period.

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 5662 - RTP Cts 6B, 6C, and 7A CPS
BV Project No. 423545
Black & Veatch and Consultants

Task	Lead Firm	Position	P	PMS	EM	TE	DES	DES	DE1	DE2	DE3	DE4	SE1	SE2	CAD1	CAD2	CM1	CM2	RPR2	COS1	PJC2	PA1	ADM1	SE	QC2	Labor Detail	Labor Detail
		Task Description	Principal	Project Manager Senior	Engineering Manager	Technical Expert	Design Engineer Senior	Design Engineer Senior	Design Engineer 1	Design Engineer 2	Design Engineer 3	Design Engineer 4	Staff Engineer 1	Staff Engineer 2	CAD Technician 1	CAD Technician 2	Construction Manager 1	Construction Manager 2	Resident Project Rep 2	Construction Office Support 1	Project Controls Analyst 2	Project Accountant 1	Administrator 1	Safety Engineer	QA/QC Manager 2	BV Level of Effort (hrs)	BV Labor Cost
IV. BASIC SERVICES																											
1		Task Order Management and Administration	168	684	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	236	472	224	200	90	2,290	\$549,434
		CONTRACT 6B																								0	\$0
A	BV	Task Order Setup and Work Plan Development	20	72	32																20	40	8	8	30	230	\$59,382
B	BV	Task Order Management																								0	\$0
i	BV	Administer the Task Order (2t, 3d, 1p)																			72	72		64		208	\$35,352
ii	BV	Manage Subconsultants	12	80	40																		72			204	\$53,396
iii	BV	Assemble Engineering Progress Reports/Invoices	12	36																		72				120	\$25,272
C	BV	Communication and Coordination	12	40																						52	\$17,316
		CONTRACT 6C																								0	\$0
A	BV	Task Order Setup and Work Plan Development	20	72	32																				30	154	\$48,022
B	BV	Task Order Management																								0	\$0
i	BV	Administer the Task Order (2t, 3d, 1p)																			72	72				144	\$20,952
ii	BV	Manage Subconsultants	12	80	40																		72	64		268	\$67,796
iii	BV	Assemble Engineering Progress Reports/Invoices	12	36																		72				120	\$25,272
C	BV	Communication and Coordination	12	40																						52	\$17,316
		CONTRACT 7A																								0	\$0
A	BV	Task Order Setup and Work Plan Development	20	72	32																				30	154	\$48,022
B	BV	Task Order Management																								0	\$0
i	BV	Administer the Task Order (2t, 3d, 1p)																			72	72				144	\$20,952
ii	BV	Manage Subconsultants	12	80	40																		72	64		268	\$67,796
iii	BV	Assemble Engineering Progress Reports/Invoices	12	36																		72				120	\$25,272
C	BV	Communication and Coordination	12	40																						52	\$17,316
2		Special and Third-Party Meetings	0	18	56	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	0	130	\$32,482
A	BV	State Engineer and ND State Water Commission (1)		2	4								4													10	\$2,558
B	BV	Foster and Griggs County Commissioners (3)		2	8								8													18	\$4,450
C	BV	Eastman, Sutton, Revere, and Ball Hill Townships (4)		3	8								8													19	\$4,783
D	BV	Nothern Plains Electric Cooperative (2)		1	4								4													9	\$2,225
E	BV	Greater Ramsey Water District (2)		1	8								8													17	\$4,117
F	BV	Stutsman Rural Water District (2)		1	4								4													9	\$2,225
G	BV	BEK Communications Cooperative (2)		1	4								4													9	\$2,225
H	BV	NODAK Electric Cooperative (1)		1	2								2													5	\$1,279
I	BV	Northern Plains Electric Cooperative (1)		1	2								2													5	\$1,279
J	BV	MLGC Coopertown (1)		1	2								2													5	\$1,279
K	BV	Otter Tail Power (1)		1	2								2													5	\$1,279
L	BV	MidContinent Communications (1)		1	2								2													5	\$1,279
M	BV	Dakota Rural Water District (1)		1	2								2													5	\$1,279
N	BV	Dakota Central Telecommunications (2)		1	4								4													9	\$2,225
3		Surveying, Field Testing, & Factory Insp Svcs	0	87	204	102	0	429	0	0	18	120	576	0	0	0	0	0	0	0	0	0	0	0	0	1,536	\$356,874

Task	Lead Firm	Position	P	PMS	EM	TE	DES	DES	DE1	DE2	DE3	DE4	SE1	SE2	CAD1	CAD2	CM1	CM2	RPR2	COS1	PJC2	PA1	ADM1	SE	QC2	Labor Detail	Labor Detail
		Task Description	Principal	Project Manager Senior	Engineering Manager	Technical Expert	Design Engineer Senior	Design Engineer Senior	Design Engineer 1	Design Engineer 2	Design Engineer 3	Design Engineer 4	Staff Engineer 1	Staff Engineer 2	CAD Technician 1	CAD Technician 2	Construction Manager 1	Construction Manager 2	Resident Project Rep 2	Construction Office Support 1	Project Controls Analyst 2	Project Accountant 1	Administrator 1	Safety Engineer	QA/QC Manager 2	BV Level of Effort (hrs)	BV Labor Cost
		CONTRACT 6B																								0	\$0
A	AE2S	Field Surveying																								0	\$0
i	AE2S	Limited Topographic Surveying		1	2																					3	\$949
ii	AE2S	Location Surveys																								0	\$0
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)		1	2			8																		11	\$3,101
(b)	AE2S	As-Built Surveying		1	2			4																		7	\$2,025
B	PSC	Professional Soil Classification																								0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)		2	2			1																		5	\$1,551
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)		2	2			10																		14	\$3,972
C	AE2S	Drone-Based Video Monitoring									6															6	\$1,176
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)		4	8	2		4																		18	\$5,354
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)		2	10			20				40	40													112	\$24,566
F	AET	Independent Construction Materials Testing		8	16			32					60													116	\$26,100
G	AET	Independent Welding Verification		4	12	32		32					60													140	\$31,248
H	Ulteig	Field Delineation of Wetlands and Consultation		4	12			32					32													80	\$18,916
		CONTRACT 6C																								0	\$0
A	AE2S	Field Surveying																								0	\$0
i	AE2S	Limited Topographic Surveying		1	2																					3	\$949
ii	AE2S	Location Surveys																								0	\$0
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)		1	2			8																		11	\$3,101
(b)	AE2S	As-Built Surveying		1	2			4																		7	\$2,025
B	PSC	Professional Soil Classification																								0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)		2	2			1																		5	\$1,551
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)		2	2			10																		14	\$3,972
C	AE2S	Drone-Based Video Monitoring									6															6	\$1,176
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)		4	8	2		4																		18	\$5,354
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)		2	10			20				40	40													112	\$24,566
F	AET	Independent Construction Materials Testing		8	16			32					60													116	\$26,100
G	AET	Independent Welding Verification		4	12	32		32					60													140	\$31,248
H	Ulteig	Field Delineation of Wetlands and Consultation		4	12			32					32													80	\$18,916
		CONTRACT 7A																								0	\$0
A	AE2S	Field Surveying																								0	\$0
i	AE2S	Limited Topographic Surveying		1	2																					3	\$949
ii	AE2S	Location Surveys																								0	\$0
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)		1	2			8																		11	\$3,101
(b)	AE2S	As-Built Surveying		1	2			4																		7	\$2,025
B	PSC	Professional Soil Classification																								0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)		2	2			1																		5	\$1,551
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)		2	2			10																		14	\$3,972
C	AE2S	Drone-Based Video Monitoring									6															6	\$1,176
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)		4	8	2		4																		18	\$5,354
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)		2	10			20				40	40													112	\$24,566
F	AET	Independent Construction Materials Testing		8	16			32					60													116	\$26,100
G	AET	Independent Welding Verification		4	12	32		32					60													140	\$31,248
H	Ulteig	Field Delineation of Wetlands and Consultation		4	12			32					32													80	\$18,916
4		Engineering Services During Construction	252	1,143	1,812	0	396	0	540	1,050	840	840	0	720	72	360	0	0	0	0	288	0	72	0	0	8,385	\$2,028,855

December 4, 2025
 RRVWSP TO 5562 - RTP Ct 6B-6C-7A CPS Fee Rev1
 162 of 15
 RTP Cts 6B, 6C, and 7A C

Task	Lead Firm	Position	P	PMS	EM	TE	DES	DES	DE1	DE2	DE3	DE4	SE1	SE2	CAD1	CAD2	CM1	CM2	RPR2	COS1	PJC2	PA1	ADM1	SE	QC2	Labor Detail	Labor Detail	
		Task Description	Principal	Project Manager Senior	Engineering Manager	Technical Expert	Design Engineer Senior	Design Engineer Senior	Design Engineer 1	Design Engineer 2	Design Engineer 3	Design Engineer 4	Staff Engineer 1	Staff Engineer 2	CAD Technician 1	CAD Technician 2	Construction Manager 1	Construction Manager 2	Resident Project Rep 2	Construction Office Support 1	Project Controls Analyst 2	Project Accountant 1	Administrator 1	Safety Engineer	QA/QC Manager 2	BV Level of Effort (hrs)	BV Labor Cost	
viii	BV	Field Orders (15)		8	30					30																68	\$17,784	
ix	BV	Contractor Pay Requests (20)		20	20																					40	\$12,820	
x	BV	Funding Agency Submittals		8																						8	\$2,664	
xi	BV	Lien Releases			8																					8	\$2,464	
xii	BV	Consent Of Surety to Final Payment		2	8																					10	\$3,130	
xiii	BV	Conformed to Construction Records Drawings		4	16										24	120										164	\$27,668	
C	BV	Field Support Services																								0	\$0	
i	BV	Const Progress Meetings and Site Visits (60; 6 visits)	16	72	104																					192	\$61,336	
ii	BV	Discipline-Specific Site Visits (6)		6	12				80	80	40	40														258	\$57,334	
iii	BV	Digital Photographic and Video Documentation																								0	\$0	
(a)	BV	Pre-Construction Photographs			4																					4	\$1,232	
(b)	BV	Monthly Photographs			16																					16	\$4,928	
(c)	BV	Video Documentation			4																					4	\$1,232	
iv	BV	Punch List		2	8																					10	\$3,130	
v	BV	Final Inspection		2	8																					10	\$3,130	
vi	BV	Warranty Inspection		2	8																					10	\$3,130	
		CONTRACT 7A																								0	\$0	
A	BV	Monthly Progress Reports (24)	12	24	24																		24			84	\$22,860	
B	BV	Construction Administration Support Services																								0	\$0	
i	BV	Engineer's Staffing During Construction		20																						20	\$6,660	
ii	BV	Contractor's Schedule																								0	\$0	
(a)	BV	Initial Construction Schedule Review		4	8		16														24					52	\$11,988	
(b)	BV	Monthly Construction Schedule Reviews (28)		9	18																72					99	\$20,205	
iii	BV	Contractor's Estimate of Monthly Payments		4	8																					12	\$3,796	
iv	BV	Contractor's Guar, Bonds, Test Reports, and Certs			4		16																			20	\$5,536	
v	BV	Submittal Reviews (100)		16	40		100		100	240	240	240		240												1,216	\$246,488	
vi	BV	RFPs (4)		8	16																					24	\$7,592	
vii	BV	RFIs, Change Order Requests, and Claims																								0	\$0	
(a)	BV	RFIs (20)		10	40																					50	\$15,650	
(b)	BV	Change Order Requests & Change Orders (10/5)	16	40	120																					176	\$55,608	
(c)	BV	Claims (2)	40	120	80																					240	\$77,920	
viii	BV	Field Orders (15)		8	30					30																	68	\$17,784
ix	BV	Contractor Pay Requests (40)		20	20																					40	\$12,820	
x	BV	Funding Agency Submittals		8																						8	\$2,664	
xi	BV	Lien Releases			8																					8	\$2,464	
xii	BV	Consent Of Surety to Final Payment		2	8																					10	\$3,130	
xiii	BV	Conformed to Construction Records Drawings		4	16										24	120										164	\$27,668	
C	BV	Field Support Services																								0	\$0	
i	BV	Const Progress Meetings and Site Visits (60; 6 visits)	16	72	104																					192	\$61,336	
ii	BV	Discipline-Specific Site Visits (6)		6	12				80	80	40	40														258	\$57,334	
iii	BV	Digital Photographic and Video Documentation																								0	\$0	
(a)	BV	Pre-Construction Photographs			4																					4	\$1,232	
(b)	BV	Monthly Photographs			16																					16	\$4,928	
(c)	BV	Video Documentation			4																					4	\$1,232	
iv	BV	Punch List		2	8																					10	\$3,130	
v	BV	Final Inspection		2	8																					10	\$3,130	

Task	Lead Firm	Position	P	PMS	EM	TE	DES	DES	DE1	DE2	DE3	DE4	SE1	SE2	CAD1	CAD2	CM1	CM2	RPR2	COS1	PJC2	PA1	ADM1	SE	QC2	Labor Detail	Labor Detail
		Task Description	Principal	Project Manager Senior	Engineering Manager	Technical Expert	Design Engineer Senior	Design Engineer Senior	Design Engineer 1	Design Engineer 2	Design Engineer 3	Design Engineer 4	Staff Engineer 1	Staff Engineer 2	CAD Technician 1	CAD Technician 2	Construction Manager 1	Construction Manager 2	Resident Project Rep 2	Construction Office Support 1	Project Controls Analyst 2	Project Accountant 1	Administrator 1	Safety Engineer	QA/QC Manager 2	BV Level of Effort (hrs)	BV Labor Cost
vi	BV	Warranty Inspection		2	8																					10	\$3,130
5		Construction Observation	40	40	40	0	0	0	0	0	2,770	0	2,730	0	0	0	590	6,050	4,960	4,370	0	0	0	0	0	21,590	\$4,507,940
		OVERALL																								0	\$0
A	BV	Construction Field Staff (36 months; shared w/ other TOs)									2,730		2,730				550	6,010	4,920	4,370						21,310	\$4,430,260
B	BV	Construction Summit	40	40	40						40						40	40	40							280	\$77,680
		CONTRACT 6B																								0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)																								0	\$0
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)																								0	\$0
C	BV	Meetings, Rts, & Doc Review and Maintenance																								0	\$0
D	BV	Assistance in Certification of Substantial Completion																								0	\$0
		CONTRACT 6C																								0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)																								0	\$0
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)																								0	\$0
C	BV	Meetings, Rts, & Doc Review and Maintenance																								0	\$0
D	BV	Assistance in Certification of Substantial Completion																								0	\$0
		CONTRACT 7A																								0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)																								0	\$0
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)																								0	\$0
C	BV	Meetings, Rts, & Doc Review and Maintenance																								0	\$0
D	BV	Assistance in Certification of Substantial Completion																								0	\$0
Totals For Basic Services			460	1,972	2,328	102	396	429	540	1,050	3,628	960	3,362	720	72	360	590	6,050	4,960	4,370	524	472	296	200	90	33,931	\$7,475,585
PROJECT TOTALS			460	1,972	2,328	102	396	429	540	1,050	3,628	960	3,362	720	72	360	590	6,050	4,960	4,370	524	472	296	200	90	33,931	\$7,475,585



Garrison Diversion Conservancy District
Red River Valley Water Supply Project
RRVWSP TO 5662 - RTP Cts 6B, 6C, and 7/
BV Project No. 423545
Black & Veatch and Consultants

Task	Lead Firm	Position	Expense Detail	Expense Detail	Expense Detail	Subcon	Subcon	Expense Detail	Subcon	Subcon	Expense Detail	Sub Consult	Subcon	Subcon	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL	
		Task Description																			
			Hobacca	Misc	Copies	AE2S Hours	AE2S Sub Costs	AE2S Sub Markup	Sub 2 Hours	Sub 2 Costs	Sub 2 Markup	Sub 3 Hours	Sub 3 Costs	Sub 3 Markup	Travel Expense	Total Direct Expense	BV Level of Effort (hrs)	BV Labor Cost	Direct Expense	Fee	
IV. BASIC SERVICES																					
1		Task Order Management and Administration	\$20,976	\$16,041	\$1,500	524	\$123,120	\$6,159	0	\$0	\$0	0	\$0	\$0	\$11,400	\$179,196	2,290	\$549,434	\$179,196	\$728,630	
		CONTRACT 6B	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0	
A	BV	Task Order Setup and Work Plan Development	\$2,107	\$6,041	\$500	53	\$11,895	\$595	0	\$0	\$0		\$0	\$0		\$21,138	230	\$59,382	\$21,138	\$80,520	
B	BV	Task Order Management	\$0			102	\$25,794	\$1,290	0	\$0	\$0		\$0	\$0		\$27,084	0	\$0	\$27,084	\$27,084	
i	BV	Administer the Task Order (2t, 3d, 1p)	\$1,905			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$3,800	\$5,705	208	\$35,352	\$5,705	\$41,057	
ii	BV	Manage Subconsultants	\$1,869			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,869	204	\$53,396	\$1,869	\$55,265	
iii	BV	Assemble Engineering Progress Reports/Invoices	\$1,099			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,099	120	\$25,272	\$1,099	\$26,371	
C	BV	Communication and Coordination	\$476			20	\$3,352	\$168	0	\$0	\$0		\$0	\$0		\$3,996	52	\$17,316	\$3,996	\$21,312	
		CONTRACT 6C	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0	
A	BV	Task Order Setup and Work Plan Development	\$1,411	\$5,000	\$500	53	\$11,895	\$595	0	\$0	\$0		\$0	\$0		\$19,401	154	\$48,022	\$19,401	\$67,423	
B	BV	Task Order Management	\$0			102	\$25,794	\$1,290	0	\$0	\$0		\$0	\$0		\$27,084	0	\$0	\$27,084	\$27,084	
i	BV	Administer the Task Order (2t, 3d, 1p)	\$1,319			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$3,800	\$5,119	144	\$20,952	\$5,119	\$26,071	
ii	BV	Manage Subconsultants	\$2,455			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,455	268	\$67,796	\$2,455	\$70,251	
iii	BV	Assemble Engineering Progress Reports/Invoices	\$1,099			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,099	120	\$25,272	\$1,099	\$26,371	
C	BV	Communication and Coordination	\$476			20	\$3,352	\$168	0	\$0	\$0		\$0	\$0		\$3,996	52	\$17,316	\$3,996	\$21,312	
		CONTRACT 7A	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0	
A	BV	Task Order Setup and Work Plan Development	\$1,411	\$5,000	\$500	53	\$11,895	\$595	0	\$0	\$0		\$0	\$0		\$19,401	154	\$48,022	\$19,401	\$67,423	
B	BV	Task Order Management	\$0			102	\$25,794	\$1,290	0	\$0	\$0		\$0	\$0		\$27,084	0	\$0	\$27,084	\$27,084	
i	BV	Administer the Task Order (2t, 3d, 1p)	\$1,319			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$3,800	\$5,119	144	\$20,952	\$5,119	\$26,071	
ii	BV	Manage Subconsultants	\$2,455			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,455	268	\$67,796	\$2,455	\$70,251	
iii	BV	Assemble Engineering Progress Reports/Invoices	\$1,099			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,099	120	\$25,272	\$1,099	\$26,371	
C	BV	Communication and Coordination	\$476			20	\$3,352	\$168	0	\$0	\$0		\$0	\$0		\$3,996	52	\$17,316	\$3,996	\$21,312	
2		Special and Third-Party Meetings	\$1,191	\$0	\$1,200	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,391	130	\$32,482	\$2,391	\$34,873	
A	BV	State Engineer and ND State Water Commission (1)	\$92		\$100	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$192	10	\$2,558	\$192	\$2,750	
B	BV	Foster and Griggs County Commissioners (3)	\$165		\$300	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$465	18	\$4,450	\$465	\$4,915	
C	BV	Eastman, Sutton, Revere, and Ball Hill Townships (4)	\$174		\$200	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$374	19	\$4,783	\$374	\$5,157	
D	BV	Nothern Plains Electric Cooperative (2)	\$82		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$132	9	\$2,225	\$132	\$2,357	
E	BV	Greater Ramsey Water District (2)	\$156		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$206	17	\$4,117	\$206	\$4,323	
F	BV	Stutsman Rural Water District (2)	\$82		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$132	9	\$2,225	\$132	\$2,357	
G	BV	BEK Communications Cooperative (2)	\$82		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$132	9	\$2,225	\$132	\$2,357	
H	BV	NODAK Electric Cooperative (1)	\$46		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$96	5	\$1,279	\$96	\$1,375	
I	BV	Northern Plains Electric Cooperative (1)	\$46		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$96	5	\$1,279	\$96	\$1,375	
J	BV	MLGC Coopertown (1)	\$46		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$96	5	\$1,279	\$96	\$1,375	
K	BV	Otter Tail Power (1)	\$46		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$96	5	\$1,279	\$96	\$1,375	
L	BV	MidContinent Communications (1)	\$46		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$96	5	\$1,279	\$96	\$1,375	
M	BV	Dakota Rural Water District (1)	\$46		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$96	5	\$1,279	\$96	\$1,375	
N	BV	Dakota Central Telecommunications (2)	\$82		\$50	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$132	9	\$2,225	\$132	\$2,357	
3		Surveying, Field Testing, & Factory Insp Srvs	\$14,070	\$0	\$0	5,028	\$1,117,201	\$55,860	0	\$0	\$0	8,517	\$1,320,000	\$66,000	\$24,600	\$2,597,731	\$1,536	\$356,874	\$2,597,731	\$2,954,605	

Task	Lead Firm	Position	Expense Detail	Expense Detail	Expense Detail	Subcon	Subcon	Expense Detail	Subcon	Subcon	Expense Detail	Sub Consult	Subcon	Subcon	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL
		Task Description																		
			Hobacca	Misc	Copies	AE2S Hours	AE2S Sub Costs	AE2S Sub Markup	Sub 2 Hours	Sub 2 Costs	Sub 2 Markup	Sub 3 Hours	Sub 3 Costs	Sub 3 Markup	Travel Expense	Total Direct Expense	BV Level of Effort (hrs)	BV Labor Cost	Direct Expense	Fee
		CONTRACT 6B	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	AE2S	Field Surveying	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	AE2S	Limited Topographic Surveying	\$27			264	\$64,445	\$3,222	0	\$0	\$0		\$0	\$0		\$67,694	3	\$949	\$67,694	\$68,643
ii	AE2S	Location Surveys	\$0			1,292	\$281,844	\$14,092	0	\$0	\$0		\$0	\$0		\$295,936	0	\$0	\$295,936	\$295,936
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)	\$101			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$101	11	\$3,101	\$101	\$3,202
(b)	AE2S	As-Built Surveying	\$64			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$64	7	\$2,025	\$64	\$2,089
B	PSC	Professional Soil Classification	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)	\$46			0	\$0	\$0	0	\$0	\$0	143	\$25,000	\$1,250		\$26,296	5	\$1,551	\$26,296	\$27,847
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)	\$128			0	\$0	\$0	0	\$0	\$0	286	\$50,000	\$2,500		\$52,628	14	\$3,972	\$52,628	\$56,600
C	AE2S	Drone-Based Video Monitoring	\$55			120	\$26,111	\$1,306	0	\$0	\$0		\$0	\$0		\$27,472	6	\$1,176	\$27,472	\$28,648
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)	\$165			0	\$0	\$0	0	\$0	\$0	600	\$90,000	\$4,500	\$3,000	\$97,665	18	\$5,354	\$97,665	\$103,019
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)	\$1,026			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$5,200	\$6,226	112	\$24,566	\$6,226	\$30,792
F	AET	Independent Construction Materials Testing	\$1,063			0	\$0	\$0	0	\$0	\$0	1,267	\$190,000	\$9,500		\$200,563	116	\$26,100	\$200,563	\$226,663
G	AET	Independent Welding Verification	\$1,282			0	\$0	\$0	0	\$0	\$0	400	\$60,000	\$3,000		\$64,282	140	\$31,248	\$64,282	\$95,530
H	Ulteig	Field Delineation of Wetlands and Consultation	\$733			264	\$64,445	\$3,222	0	\$0	\$0	143	\$25,000	\$1,250		\$94,650	80	\$18,916	\$94,650	\$113,566
		CONTRACT 6C	\$0			1,292	\$281,844	\$14,092	0	\$0	\$0	0	\$0	\$0		\$295,936	0	\$0	\$295,936	\$295,936
A	AE2S	Field Surveying	\$0			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$0	0	\$0	\$0	\$0
i	AE2S	Limited Topographic Surveying	\$27			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$27	3	\$949	\$27	\$976
ii	AE2S	Location Surveys	\$0			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)	\$101			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$101	11	\$3,101	\$101	\$3,202
(b)	AE2S	As-Built Surveying	\$64			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$64	7	\$2,025	\$64	\$2,089
B	PSC	Professional Soil Classification	\$0			120	\$26,111	\$1,306	0	\$0	\$0	0	\$0	\$0		\$27,417	0	\$0	\$27,417	\$27,417
i	PSC	Conduct Soil Identification Training (2 sessions)	\$46			0	\$0	\$0	0	\$0	\$0	143	\$25,000	\$1,250		\$26,296	5	\$1,551	\$26,296	\$27,847
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)	\$128			0	\$0	\$0	0	\$0	\$0	286	\$50,000	\$2,500		\$52,628	14	\$3,972	\$52,628	\$56,600
C	AE2S	Drone-Based Video Monitoring	\$55			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$55	6	\$1,176	\$55	\$1,231
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)	\$165			0	\$0	\$0	0	\$0	\$0	600	\$90,000	\$4,500	\$3,000	\$97,665	18	\$5,354	\$97,665	\$103,019
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)	\$1,026			264	\$64,445	\$3,222	0	\$0	\$0		\$0	\$0	\$5,200	\$73,893	112	\$24,566	\$73,893	\$98,459
F	AET	Independent Construction Materials Testing	\$1,063			1,292	\$281,844	\$14,092	0	\$0	\$0	1,267	\$190,000	\$9,500		\$496,499	116	\$26,100	\$496,499	\$522,599
G	AET	Independent Welding Verification	\$1,282			0	\$0	\$0	0	\$0	\$0	400	\$60,000	\$3,000		\$64,282	140	\$31,248	\$64,282	\$95,530
H	Ulteig	Field Delineation of Wetlands and Consultation	\$733			0	\$0	\$0	0	\$0	\$0	143	\$25,000	\$1,250		\$26,983	80	\$18,916	\$26,983	\$45,899
		CONTRACT 7A	\$0			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$0	0	\$0	\$0	\$0
A	AE2S	Field Surveying	\$0			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$0	0	\$0	\$0	\$0
i	AE2S	Limited Topographic Surveying	\$27			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$27	3	\$949	\$27	\$976
ii	AE2S	Location Surveys	\$0			120	\$26,111	\$1,306	0	\$0	\$0	0	\$0	\$0		\$27,417	0	\$0	\$27,417	\$27,417
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)	\$101			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$101	11	\$3,101	\$101	\$3,202
(b)	AE2S	As-Built Surveying	\$64			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$64	7	\$2,025	\$64	\$2,089
B	PSC	Professional Soil Classification	\$0			0	\$0	\$0	0	\$0	\$0	0	\$0	\$0		\$0	0	\$0	\$0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)	\$46			0	\$0	\$0	0	\$0	\$0	143	\$25,000	\$1,250		\$26,296	5	\$1,551	\$26,296	\$27,847
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)	\$128			0	\$0	\$0	0	\$0	\$0	286	\$50,000	\$2,500		\$52,628	14	\$3,972	\$52,628	\$56,600
C	AE2S	Drone-Based Video Monitoring	\$55			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$55	6	\$1,176	\$55	\$1,231
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)	\$165			0	\$0	\$0	0	\$0	\$0	600	\$90,000	\$4,500	\$3,000	\$97,665	18	\$5,354	\$97,665	\$103,019
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)	\$1,026			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$5,200	\$6,226	112	\$24,566	\$6,226	\$30,792
F	AET	Independent Construction Materials Testing	\$1,063			0	\$0	\$0	0	\$0	\$0	1,267	\$190,000	\$9,500		\$200,563	116	\$26,100	\$200,563	\$226,663
G	AET	Independent Welding Verification	\$1,282			0	\$0	\$0	0	\$0	\$0	400	\$60,000	\$3,000		\$64,282	140	\$31,248	\$64,282	\$95,530
H	Ulteig	Field Delineation of Wetlands and Consultation	\$733			0	\$0	\$0	0	\$0	\$0	143	\$25,000	\$1,250		\$26,983	80	\$18,916	\$26,983	\$45,899
4		Engineering Services During Construction	\$76,809	\$0	\$3,000	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$86,400	\$166,209	8,385	\$2,028,855	\$166,209	\$2,195,064

Task	Lead Firm	Position	Expense Detail	Expense Detail	Expense Detail	Subcon	Subcon	Expense Detail	Subcon	Subcon	Expense Detail	Sub Consult	Subcon	Subcon	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL
		Task Description																		
			Hobacca	Misc	Copies	AE2S Hours	AE2S Sub Costs	AE2S Sub Markup	Sub 2 Hours	Sub 2 Costs	Sub 2 Markup	Sub 3 Hours	Sub 3 Costs	Sub 3 Markup	Travel Expense	Total Direct Expense	BV Level of Effort (hrs)	BV Labor Cost	Direct Expense	Fee
		CONTRACT 6B	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Monthly Progress Reports (24)	\$769			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$769	84	\$22,860	\$769	\$23,629
B	BV	Construction Administration Support Services	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	BV	Engineer's Staffing During Construction	\$183			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$183	20	\$6,660	\$183	\$6,843
ii	BV	Contractor's Schedule	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	Initial Construction Schedule Review	\$476			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$476	52	\$11,988	\$476	\$12,464
(b)	BV	Monthly Construction Schedule Reviews (18)	\$907			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$907	99	\$20,205	\$907	\$21,112
iii	BV	Contractor's Estimate of Monthly Payments	\$110			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$110	12	\$3,796	\$110	\$3,906
iv	BV	Contractor's Guar, Bonds, Test Reports, and Certs	\$183			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$183	20	\$5,536	\$183	\$5,719
v	BV	Submittal Reviews (100)	\$11,139			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$11,139	1,216	\$246,488	\$11,139	\$257,627
vi	BV	RFPs (4)	\$220			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$220	24	\$7,592	\$220	\$7,812
vii	BV	RFIs, Change Order Requests, and Claims	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	RFIs (20)	\$458			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$458	50	\$15,650	\$458	\$16,108
(b)	BV	Change Order Requests & Change Orders (10/5)	\$1,612			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,612	176	\$55,608	\$1,612	\$57,220
(c)	BV	Claims (2)	\$2,198			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,198	240	\$77,920	\$2,198	\$80,118
viii	BV	Field Orders (15)	\$623			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$623	68	\$17,784	\$623	\$18,407
ix	BV	Contractor Pay Requests (20)	\$366			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$366	40	\$12,820	\$366	\$13,186
x	BV	Funding Agency Submittals	\$73			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$73	8	\$2,664	\$73	\$2,737
xi	BV	Lien Releases	\$73			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$73	8	\$2,464	\$73	\$2,537
xii	BV	Consent Of Surety to Final Payment	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
xiii	BV	Conformed to Construction Records Drawings	\$1,502		\$1,000	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,502	164	\$27,668	\$2,502	\$30,170
C	BV	Field Support Services	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	BV	Const Progress Meetings and Site Visits (60; 6 visits)	\$1,759			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$13,200	\$14,959	192	\$61,336	\$14,959	\$76,295
ii	BV	Discipline-Specific Site Visits (6)	\$2,363			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$15,600	\$17,963	258	\$57,334	\$17,963	\$75,297
iii	BV	Digital Photographic and Video Documentation	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	Pre-Construction Photographs	\$37			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$37	4	\$1,232	\$37	\$1,269
(b)	BV	Monthly Photographs	\$147			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$147	16	\$4,928	\$147	\$5,075
(c)	BV	Video Documentation	\$37			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$37	4	\$1,232	\$37	\$1,269
iv	BV	Punch List	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
v	BV	Final Inspection	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
vi	BV	Warranty Inspection	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
		CONTRACT 6C	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Monthly Progress Reports (24)	\$769			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$769	84	\$22,860	\$769	\$23,629
B	BV	Construction Administration Support Services	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	BV	Engineer's Staffing During Construction	\$183			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$183	20	\$6,660	\$183	\$6,843
ii	BV	Contractor's Schedule	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	Initial Construction Schedule Review	\$476			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$476	52	\$11,988	\$476	\$12,464
(b)	BV	Monthly Construction Schedule Reviews (28)	\$907			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$907	99	\$20,205	\$907	\$21,112
iii	BV	Contractor's Estimate of Monthly Payments	\$110			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$110	12	\$3,796	\$110	\$3,906
iv	BV	Contractor's Guar, Bonds, Test Reports, and Certs	\$183			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$183	20	\$5,536	\$183	\$5,719
v	BV	Submittal Reviews (100)	\$11,139			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$11,139	1,216	\$246,488	\$11,139	\$257,627
vi	BV	RFPs (4)	\$220			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$220	24	\$7,592	\$220	\$7,812
vii	BV	RFIs, Change Order Requests, and Claims	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	RFIs (20)	\$458			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$458	50	\$15,650	\$458	\$16,108
(b)	BV	Change Order Requests & Change Orders (10/5)	\$1,612			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,612	176	\$55,608	\$1,612	\$57,220
(c)	BV	Claims (2)	\$2,198			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,198	240	\$77,920	\$2,198	\$80,118

Task	Lead Firm	Position	Expense Detail	Expense Detail	Expense Detail	Subcon	Subcon	Expense Detail	Subcon	Subcon	Expense Detail	Sub Consult	Subcon	Subcon	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL
		Task Description																		
			Hobacca	Misc	Copies	AE2S Hours	AE2S Sub Costs	AE2S Sub Markup	Sub 2 Hours	Sub 2 Costs	Sub 2 Markup	Sub 3 Hours	Sub 3 Costs	Sub 3 Markup	Travel Expense	Total Direct Expense	BV Level of Effort (hrs)	BV Labor Cost	Direct Expense	Fee
viii	BV	Field Orders (15)	\$623			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$623	68	\$17,784	\$623	\$18,407
ix	BV	Contractor Pay Requests (20)	\$366			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$366	40	\$12,820	\$366	\$13,186
x	BV	Funding Agency Submittals	\$73			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$73	8	\$2,664	\$73	\$2,737
xi	BV	Lien Releases	\$73			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$73	8	\$2,464	\$73	\$2,537
xii	BV	Consent Of Surety to Final Payment	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
xiii	BV	Conformed to Construction Records Drawings	\$1,502		\$1,000	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,502	164	\$27,668	\$2,502	\$30,170
C	BV	Field Support Services	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	BV	Const Progress Meetings and Site Visits (60; 6 visits)	\$1,759			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$13,200	\$14,959	192	\$61,336	\$14,959	\$76,295
ii	BV	Discipline-Specific Site Visits (6)	\$2,363			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$15,600	\$17,963	258	\$57,334	\$17,963	\$75,297
iii	BV	Digital Photographic and Video Documentation	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	Pre-Construction Photographs	\$37			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$37	4	\$1,232	\$37	\$1,269
(b)	BV	Monthly Photographs	\$147			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$147	16	\$4,928	\$147	\$5,075
(c)	BV	Video Documentation	\$37			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$37	4	\$1,232	\$37	\$1,269
iv	BV	Punch List	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
v	BV	Final Inspection	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
vi	BV	Warranty Inspection	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
		CONTRACT 7A	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Monthly Progress Reports (24)	\$769			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$769	84	\$22,860	\$769	\$23,629
B	BV	Construction Administration Support Services	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	BV	Engineer's Staffing During Construction	\$183			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$183	20	\$6,660	\$183	\$6,843
ii	BV	Contractor's Schedule	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	Initial Construction Schedule Review	\$476			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$476	52	\$11,988	\$476	\$12,464
(b)	BV	Monthly Construction Schedule Reviews (28)	\$907			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$907	99	\$20,205	\$907	\$21,112
iii	BV	Contractor's Estimate of Monthly Payments	\$110			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$110	12	\$3,796	\$110	\$3,906
iv	BV	Contractor's Guar, Bonds, Test Reports, and Certs	\$183			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$183	20	\$5,536	\$183	\$5,719
v	BV	Submittal Reviews (100)	\$11,139			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$11,139	1,216	\$246,488	\$11,139	\$257,627
vi	BV	RFPs (4)	\$220			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$220	24	\$7,592	\$220	\$7,812
vii	BV	RFIs, Change Order Requests, and Claims	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	RFIs (20)	\$458			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$458	50	\$15,650	\$458	\$16,108
(b)	BV	Change Order Requests & Change Orders (10/5)	\$1,612			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$1,612	176	\$55,608	\$1,612	\$57,220
(c)	BV	Claims (2)	\$2,198			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,198	240	\$77,920	\$2,198	\$80,118
viii	BV	Field Orders (15)	\$623			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$623	68	\$17,784	\$623	\$18,407
ix	BV	Contractor Pay Requests (40)	\$366			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$366	40	\$12,820	\$366	\$13,186
x	BV	Funding Agency Submittals	\$73			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$73	8	\$2,664	\$73	\$2,737
xi	BV	Lien Releases	\$73			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$73	8	\$2,464	\$73	\$2,537
xii	BV	Consent Of Surety to Final Payment	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
xiii	BV	Conformed to Construction Records Drawings	\$1,502		\$1,000	0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$2,502	164	\$27,668	\$2,502	\$30,170
C	BV	Field Support Services	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
i	BV	Const Progress Meetings and Site Visits (60; 6 visits)	\$1,759			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$13,200	\$14,959	192	\$61,336	\$14,959	\$76,295
ii	BV	Discipline-Specific Site Visits (6)	\$2,363			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$15,600	\$17,963	258	\$57,334	\$17,963	\$75,297
iii	BV	Digital Photographic and Video Documentation	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
(a)	BV	Pre-Construction Photographs	\$37			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$37	4	\$1,232	\$37	\$1,269
(b)	BV	Monthly Photographs	\$147			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$147	16	\$4,928	\$147	\$5,075
(c)	BV	Video Documentation	\$37			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$37	4	\$1,232	\$37	\$1,269
iv	BV	Punch List	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
v	BV	Final Inspection	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222

Task	Lead Firm	Position	Expense Detail	Expense Detail	Expense Detail	Subcon	Subcon	Expense Detail	Subcon	Subcon	Expense Detail	Sub Consult	Subcon	Subcon	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL
		Task Description																		
			Hobacca	Misc	Copies	AE2S Hours	AE2S Sub Costs	AE2S Sub Markup	Sub 2 Hours	Sub 2 Costs	Sub 2 Markup	Sub 3 Hours	Sub 3 Costs	Sub 3 Markup	Travel Expense	Total Direct Expense	BV Level of Effort (hrs)	BV Labor Cost	Direct Expense	Fee
vi	BV	Warranty Inspection	\$92			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$92	10	\$3,130	\$92	\$3,222
5		Construction Observation	\$197,765	\$204,000	\$0	21,256	\$4,656,387	\$232,819	5,740	\$1,175,540	\$58,777	0	\$0	\$0	\$178,600	\$6,703,888	21,590	\$4,507,940	\$6,703,888	\$11,211,828
		OVERALL	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Construction Field Staff (36 months; shared w/ other TOs)	\$195,200	\$204,000		0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$152,000	\$551,200	21,310	\$4,430,260	\$551,200	\$4,981,460
B	BV	Construction Summit	\$2,565			0	\$0	\$0	0	\$0	\$0		\$0	\$0	\$26,600	\$29,165	280	\$77,680	\$29,165	\$106,845
		CONTRACT 6B	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)	\$0			8,900	\$1,916,098	\$95,805	0	\$0	\$0		\$0	\$0		\$2,011,903	0	\$0	\$2,011,903	\$2,011,903
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)	\$0			1,152	\$277,403	\$13,870	0	\$0	\$0		\$0	\$0		\$291,273	0	\$0	\$291,273	\$291,273
C	BV	Meetings, Rts, & Doc Review and Maintenance	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
D	BV	Assistance in Certification of Substantial Completion	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
		CONTRACT 6C	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)	\$0			8,900	\$1,916,098	\$95,805	0	\$0	\$0		\$0	\$0		\$2,011,903	0	\$0	\$2,011,903	\$2,011,903
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)	\$0			1,152	\$277,403	\$13,870	0	\$0	\$0		\$0	\$0		\$291,273	0	\$0	\$291,273	\$291,273
C	BV	Meetings, Rts, & Doc Review and Maintenance	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
D	BV	Assistance in Certification of Substantial Completion	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
		CONTRACT 7A	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)	\$0			0	\$0	\$0	5,740	\$1,175,540	\$58,777		\$0	\$0		\$1,234,317	0	\$0	\$1,234,317	\$1,234,317
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)	\$0			1,152	\$269,384	\$13,469	0	\$0	\$0		\$0	\$0		\$282,853	0	\$0	\$282,853	\$282,853
C	BV	Meetings, Rts, & Doc Review and Maintenance	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
D	BV	Assistance in Certification of Substantial Completion	\$0			0	\$0	\$0	0	\$0	\$0		\$0	\$0		\$0	0	\$0	\$0	\$0
Totals For Basic Services			\$310,811	\$220,041	\$5,700	26,808	\$5,896,708	\$294,838	5,740	\$1,175,540	\$58,777	8,517	\$1,320,000	\$66,000	\$301,000	\$9,649,415	33,931	\$7,475,585	\$9,649,415	\$17,125,000
PROJECT TOTALS			\$310,811	\$220,041	\$5,700	26,808	\$5,896,708	\$294,838	5,740	\$1,175,540	\$58,777	8,517	\$1,320,000	\$66,000	\$301,000	\$9,649,415	33,931	\$7,475,585	\$9,649,415	\$17,125,000



Garrison Diversion Conservancy District
Red River Valley Water Supply Project
RRVWSP TO 5662 - RTP Cts 6B, 6C, and 7A CPS
BV Project No. 423545
AE2S

Task	Lead Firm	Position	PMVI	PMV	ENGII	GISII	GISI	PMIII	LS2	LSIII	CSIII	CSII	CSI	CSIII	COMIII	ADMIII	Labor Detail	Labor Detail	Expense Detail	Expense Detail	Expense Detail		TOTAL	TOTAL
		Task Description	PIC	Project Manager	Engineer II	GISIII	GISI	Senior Surveyor	Surveyor 2	Surveyor 3	Lead RPR	Pipeline RPR	Pipeline RPR	Tunnel RPR	Comm Spec	Administrative	AE2S Level of Effort (hrs)	Labor Cost	Travel	Lodging & Per Diem	Survey Equip	Total Expense	AE2S Level of Effort (hrs)	AE2S Labor Cost
IV. BASIC SERVICES																								
1		Task Order Management and Administration	26	102	0	0	0	204	0	0	0	0	0	0	60	132	524	\$123,120	\$0	\$0	\$0	\$0	524	\$123,120
		CONTRACT 6B															0	\$0				\$0	0	\$0
A	BV	Task Order Setup and Work Plan Development	3	10				20								20	53	\$11,895				\$0	53	\$11,895
B	BV	Task Order Management	6	24				48								24	102	\$25,794				\$0	102	\$25,794
i	BV	Administer the Task Order (2t, 3d, 1p)															0	\$0				\$0	0	\$0
ii	BV	Manage Subconsultants															0	\$0				\$0	0	\$0
iii	BV	Assemble Engineering Progress Reports/Invoices															0	\$0				\$0	0	\$0
C	BV	Communication and Coordination													20		20	\$3,352				\$0	20	\$3,352
		CONTRACT 6C															0	\$0				\$0	0	\$0
A	BV	Task Order Setup and Work Plan Development	3	10				20								20	53	\$11,895				\$0	53	\$11,895
B	BV	Task Order Management	6	24				48								24	102	\$25,794				\$0	102	\$25,794
i	BV	Administer the Task Order (2t, 3d, 1p)															0	\$0				\$0	0	\$0
ii	BV	Manage Subconsultants															0	\$0				\$0	0	\$0
iii	BV	Assemble Engineering Progress Reports/Invoices															0	\$0				\$0	0	\$0
C	BV	Communication and Coordination													20		20	\$3,352				\$0	20	\$3,352
		CONTRACT 7A															0	\$0				\$0	0	\$0
A	BV	Task Order Setup and Work Plan Development	3	10				20								20	53	\$11,895				\$0	53	\$11,895
B	BV	Task Order Management	6	24				48								24	102	\$25,794				\$0	102	\$25,794
i	BV	Administer the Task Order (2t, 3d, 1p)															0	\$0				\$0	0	\$0
ii	BV	Manage Subconsultants															0	\$0				\$0	0	\$0
iii	BV	Assemble Engineering Progress Reports/Invoices															0	\$0				\$0	0	\$0
C	BV	Communication and Coordination													20		20	\$3,352				\$0	20	\$3,352
2		Special and Third-Party Meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	0	\$0
A	BV	State Engineer and ND State Water Commission (1)															0	\$0				\$0	0	\$0
C	BV	Eastman, Sutton, Revere, and Ball Hill Townships (4)															0	\$0				\$0	0	\$0
D	BV	Nothern Plains Electric Cooperative (2)															0	\$0				\$0	0	\$0
E	BV	Greater Ramsey Water District (2)															0	\$0				\$0	0	\$0
F	BV	Stutsman Rural Water District (2)															0	\$0				\$0	0	\$0
G	BV	BEK Communications Cooperative (2)															0	\$0				\$0	0	\$0
H	BV	NODAK Electric Cooperative (1)															0	\$0				\$0	0	\$0
I	BV	Northern Plains Electric Cooperative (1)															0	\$0				\$0	0	\$0
J	BV	MLGC Coopertown (1)															0	\$0				\$0	0	\$0
K	BV	Otter Tail Power (1)															0	\$0				\$0	0	\$0
L	BV	MidContinent Communications (1)															0	\$0				\$0	0	\$0
M	BV	Dakota Rural Water District (1)															0	\$0				\$0	0	\$0
N	BV	Dakota Central Telecommunications (2)															0	\$0				\$0	0	\$0
3		Surveying, Field Testing, & Factory Insp Srvs	0	180	0	120	540	612	1,656	1,560	0	0	0	0	360	0	5,028	\$941,986	\$75,600	\$25,995	\$73,620	\$175,215	5,028	\$941,986
0	0	CONTRACT 6B															0	\$0				\$0	0	\$0
A	AE2S	Field Surveying															0	\$0				\$0	0	\$0
i	AE2S	Limited Topographic Surveying						24	120	120							264	\$48,699	\$7,200	\$2,786	\$5,760	\$15,746	264	\$48,699
ii	AE2S	Location Surveys		60		40	180	180	432	400							1,292	\$245,185	\$13,500	\$5,879	\$17,280	\$36,659	1,292	\$245,185
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)															0	\$0				\$0	0	\$0
(b)	AE2S	As-Built Surveying															0	\$0				\$0	0	\$0
B	PSC	Professional Soil Classification															0	\$0				\$0	0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)															0	\$0				\$0	0	\$0
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)															0	\$0				\$0	0	\$0

Task	Lead Firm	Position	PMVI	PMV	ENGII	GISII	GISI	PMIII	LS2	LSIII	CSIII	CSII	CSI	CSIII	COMIII	ADMIII	Labor Detail	Labor Detail	Expense Detail	Expense Detail	Expense Detail		TOTAL	TOTAL
		Task Description	PIC	Project Manager	Engineer II	GISIII	GISI	Senior Surveyor	Surveyor 2	Surveyor 3	Lead RPR	Pipeline RPR	Pipeline RPR	Tunnel RPR	Comm Spec	Administrative	AE2S Level of Effort (hrs)	Labor Cost	Travel	Lodging & Per Diem	Survey Equip	Total Expense	AE2S Level of Effort (hrs)	AE2S Labor Cost
C	AE2S	Drone-Based Video Monitoring													120		120	\$20,111	\$4,500		\$1,500	\$6,000	120	\$20,111
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)															0	\$0				\$0	0	\$0
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)															0	\$0				\$0	0	\$0
F	AET	CONTRACT 6C															0	\$0				\$0	0	\$0
G	AET	Field Surveying															0	\$0						
H	Ulteig	Limited Topographic Surveying						24	120	120							264	\$48,699	\$7,200	\$2,786	\$5,760	\$15,746	264	\$48,699
0	0	Location Surveys		60		40	180	180	432	400							1,292	\$245,185	\$13,500	\$5,879	\$17,280	\$36,659	1,292	\$245,185
A	AE2S	Layout Surveying (52 weeks of pipeline construction)															0	\$0				\$0	0	\$0
i	AE2S	As-Built Surveying															0	\$0				\$0	0	\$0
ii	AE2S	Professional Soil Classification															0	\$0				\$0	0	\$0
(a)	AE2S	Conduct Soil Identification Training (2 sessions)															0	\$0				\$0	0	\$0
(b)	AE2S	Complete Periodic Inspections & QC Reviews (monthly)															0	\$0				\$0	0	\$0
B	PSC	Drone-Based Video Monitoring													120		120	\$20,111	\$4,500		\$1,500	\$6,000	120	\$20,111
i	PSC	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)															0	\$0				\$0	0	\$0
ii	PSC	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)															0	\$0				\$0	0	\$0
C	AE2S	CONTRACT 7A															0	\$0				\$0	0	\$0
D	Accurate	Field Surveying															0	\$0				\$0	0	\$0
E	BV	Limited Topographic Surveying						24	120	120							264	\$48,699	\$7,200	\$2,786	\$5,760	\$15,746	264	\$48,699
F	AET	Location Surveys		60		40	180	180	432	400							1,292	\$245,185	\$13,500	\$5,879	\$17,280	\$36,659	1,292	\$245,185
G	AET	Layout Surveying (52 weeks of pipeline construction)															0	\$0				\$0	0	\$0
H	Ulteig	As-Built Surveying															0	\$0				\$0	0	\$0
0	0	Professional Soil Classification															0	\$0				\$0	0	\$0
A	AE2S	Conduct Soil Identification Training (2 sessions)															0	\$0				\$0	0	\$0
i	AE2S	Complete Periodic Inspections & QC Reviews (monthly)															0	\$0				\$0	0	\$0
ii	AE2S	Drone-Based Video Monitoring													120		120	\$20,111	\$4,500		\$1,500	\$6,000	120	\$20,111
(a)	AE2S	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)															0	\$0				\$0	0	\$0
(b)	AE2S	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)															0	\$0				\$0	0	\$0
B	PSC	Independent Construction Materials Testing															0	\$0				\$0	0	\$0
i	PSC	Independent Welding Verification															0	\$0				\$0	0	\$0
ii	PSC	Field Delineation of Wetlands and Consultation															0	\$0				\$0	0	\$0
5		Construction Observation	0	72	160	0	0	0	0	0	4,320	9,792	3,456	3,456	0	0	21,256	\$4,015,747	\$303,320	\$275,720	\$61,600	\$640,640	21,256	\$4,015,747
		OVERALL															0	\$0				\$0	0	\$0
A	BV	Construction Field Staff (36 months; shared w/ other TOs)															0	\$0				\$0	0	\$0
B	BV	Construction Summit															0	\$0				\$0	0	\$0
		CONTRACT 6B															0	\$0				\$0	0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)		36	80						2,160	4,896	1,728				8,900	\$1,656,198	\$120,700	\$108,400	\$30,800	\$259,900	8,900	\$1,656,198
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)												1,152			1,152	\$237,123	\$20,640	\$19,640		\$40,280	1,152	\$237,123
C	BV	Meetings, Rts, & Doc Review and Maintenance															0	\$0				\$0	0	\$0
D	BV	Assistance in Certification of Substantial Completion															0	\$0				\$0	0	\$0
0	0	CONTRACT 6C															0	\$0				\$0	0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)		36	80						2,160	4,896	1,728				8,900	\$1,656,198	\$120,700	\$108,400	\$30,800	\$259,900	8,900	\$1,656,198
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)												1,152			1,152	\$237,123	\$20,640	\$19,640		\$40,280	1,152	\$237,123
C	BV	Meetings, Rts, & Doc Review and Maintenance															0	\$0				\$0	0	\$0
D	BV	Assistance in Certification of Substantial Completion															0	\$0				\$0	0	\$0
0	0	CONTRACT 7A															0	\$0				\$0	0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)															0	\$0				\$0	0	\$0
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)												1,152			1,152	\$229,104	\$20,640	\$19,640		\$40,280	1,152	\$229,104
C	BV	Meetings, Rts, & Doc Review and Maintenance															0	\$0				\$0	0	\$0
D	BV	Assistance in Certification of Substantial Completion															0	\$0				\$0	0	\$0
Total for Basic Services			26	354	160	120	540	816	1,656	1,560	4,320	9,792	3,456	3,456	420	132	26,808	\$5,080,853	\$378,920	\$301,715	\$135,220	\$815,855	26,808	\$5,080,853
PROJECT TOTALS			26	354	160	120	540	816	1,656	1,560	4,320	9,792	3,456	3,456	420	132	26,808	\$5,080,853	\$378,920	\$301,715	\$135,220	\$815,855	26,808	\$5,080,853



Garrison Diversion Conservancy District
Red River Valley Water Supply Project
RRVWSP TO 5662 - RTP Cts 6B, 6C, and 7A CPS
BV Project No. 423545
AE2S

Task	Lead Firm	Position	TOTAL	TOTAL
		Task Description	Direct Expense	Fee
IV. BASIC SERVICES				
1		Task Order Management and Administration	\$0	\$123,120
		CONTRACT 6B	\$0	\$0
A	BV	Task Order Setup and Work Plan Development	\$0	\$11,895
B	BV	Task Order Management	\$0	\$25,794
i	BV	Administer the Task Order (2t, 3d, 1p)	\$0	\$0
ii	BV	Manage Subconsultants	\$0	\$0
iii	BV	Assemble Engineering Progress Reports/Invoices	\$0	\$0
C	BV	Communication and Coordination	\$0	\$3,352
		CONTRACT 6C	\$0	\$0
A	BV	Task Order Setup and Work Plan Development	\$0	\$11,895
B	BV	Task Order Management	\$0	\$25,794
i	BV	Administer the Task Order (2t, 3d, 1p)	\$0	\$0
ii	BV	Manage Subconsultants	\$0	\$0
iii	BV	Assemble Engineering Progress Reports/Invoices	\$0	\$0
C	BV	Communication and Coordination	\$0	\$3,352
		CONTRACT 7A	\$0	\$0
A	BV	Task Order Setup and Work Plan Development	\$0	\$11,895
B	BV	Task Order Management	\$0	\$25,794
i	BV	Administer the Task Order (2t, 3d, 1p)	\$0	\$0
ii	BV	Manage Subconsultants	\$0	\$0
iii	BV	Assemble Engineering Progress Reports/Invoices	\$0	\$0
C	BV	Communication and Coordination	\$0	\$3,352
2		Special and Third-Party Meetings	\$0	\$0
A	BV	State Engineer and ND State Water Commission (1)	\$0	\$0
C	BV	Eastman, Sutton, Revere, and Ball Hill Townships (4)	\$0	\$0
D	BV	Nothern Plains Electric Cooperative (2)	\$0	\$0
E	BV	Greater Ramsey Water District (2)	\$0	\$0
F	BV	Stutsman Rural Water District (2)	\$0	\$0
G	BV	BEK Communications Cooperative (2)	\$0	\$0
H	BV	NODAK Electric Cooperative (1)	\$0	\$0
I	BV	Northern Plains Electric Cooperative (1)	\$0	\$0
J	BV	MLGC Coopertown (1)	\$0	\$0
K	BV	Otter Tail Power (1)	\$0	\$0
L	BV	MidContinent Communications (1)	\$0	\$0
M	BV	Dakota Rural Water District (1)	\$0	\$0
N	BV	Dakota Central Telecommunications (2)	\$0	\$0
3		Surveying, Field Testing, & Factory Insp Srvs	\$175,215	\$1,117,201
0	0	CONTRACT 6B	\$0	\$0
A	AE2S	Field Surveying	\$0	\$0
i	AE2S	Limited Topographic Surveying	\$15,746	\$64,445
ii	AE2S	Location Surveys	\$36,659	\$281,844
(a)	AE2S	Layout Surveying (52 weeks of pipeline construction)	\$0	\$0
(b)	AE2S	As-Built Surveying	\$0	\$0
B	PSC	Professional Soil Classification	\$0	\$0
i	PSC	Conduct Soil Identification Training (2 sessions)	\$0	\$0
ii	PSC	Complete Periodic Inspections & QC Reviews (monthly)	\$0	\$0

Task	Lead Firm	Position	TOTAL	TOTAL
		Task Description	Direct Expense	Fee
C	AE2S	Drone-Based Video Monitoring	\$6,000	\$26,111
D	Accurate	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)	\$0	\$0
E	BV	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)	\$0	\$0
F	AET	CONTRACT 6C	\$0	\$0
G	AET	Field Surveying		
H	Ulteig	Limited Topographic Surveying	\$15,746	\$64,445
0	0	Location Surveys	\$36,659	\$281,844
A	AE2S	Layout Surveying (52 weeks of pipeline construction)	\$0	\$0
i	AE2S	As-Built Surveying	\$0	\$0
ii	AE2S	Professional Soil Classification	\$0	\$0
(a)	AE2S	Conduct Soil Identification Training (2 sessions)	\$0	\$0
(b)	AE2S	Complete Periodic Inspections & QC Reviews (monthly)	\$0	\$0
B	PSC	Drone-Based Video Monitoring	\$6,000	\$26,111
i	PSC	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)	\$0	\$0
ii	PSC	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)	\$0	\$0
C	AE2S	CONTRACT 7A	\$0	\$0
D	Accurate	Field Surveying	\$0	\$0
E	BV	Limited Topographic Surveying	\$15,746	\$64,445
F	AET	Location Surveys	\$36,659	\$281,844
G	AET	Layout Surveying (52 weeks of pipeline construction)	\$0	\$0
H	Ulteig	As-Built Surveying	\$0	\$0
0	0	Professional Soil Classification	\$0	\$0
A	AE2S	Conduct Soil Identification Training (2 sessions)	\$0	\$0
i	AE2S	Complete Periodic Inspections & QC Reviews (monthly)	\$0	\$0
ii	AE2S	Drone-Based Video Monitoring	\$6,000	\$26,111
(a)	AE2S	Pipe Manuf Site Visits and Inspections (1t, 2p, 2d)	\$0	\$0
(b)	AE2S	Corrosion Protection Systems Insp & Testing (1t, 2p, 5d)	\$0	\$0
B	PSC	Independent Construction Materials Testing	\$0	\$0
i	PSC	Independent Welding Verification	\$0	\$0
ii	PSC	Field Delineation of Wetlands and Consultation	\$0	\$0
5		Construction Observation	\$640,640	\$4,656,387
		OVERALL	\$0	\$0
A	BV	Construction Field Staff (36 months; shared w/ other TOs)	\$0	\$0
B	BV	Construction Summit	\$0	\$0
		CONTRACT 6B	\$0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)	\$259,900	\$1,916,098
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)	\$40,280	\$277,403
C	BV	Meetings, Rts, & Doc Review and Maintenance	\$0	\$0
D	BV	Assistance in Certification of Substantial Completion	\$0	\$0
0	0	CONTRACT 6C	\$0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)	\$259,900	\$1,916,098
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)	\$40,280	\$277,403
C	BV	Meetings, Rts, & Doc Review and Maintenance	\$0	\$0
D	BV	Assistance in Certification of Substantial Completion	\$0	\$0
0	0	CONTRACT 7A	\$0	\$0
A	BV	Site Obs & Liaison with Owner & Contractor (Pipeline)	\$0	\$0
B	BV	Site Obs & Liaison with Owner & Contractor (Tunneling)	\$40,280	\$269,384
C	BV	Meetings, Rts, & Doc Review and Maintenance	\$0	\$0
D	BV	Assistance in Certification of Substantial Completion	\$0	\$0
Total for Basic Services			\$815,855	\$5,896,708
PROJECT TOTALS			\$815,855	\$5,896,708

**RRVWSP Work Plan Update
December 9, 2025**

CONSTRUCTION

Pipeline Construction

Contract 5B

Pipe installation was completed in 2024, and field restoration was completed this year on the nine-mile contract.

The teams are currently working through negotiations on final contract price.

To date, \$41,711,798.87 has been paid on the original contract amount of \$45,961,700.00. Change Orders No. 1, 2, 3, 4, 5 and 6 have been approved, leaving the current contract price at \$48,537,368.87.

Contract 5C

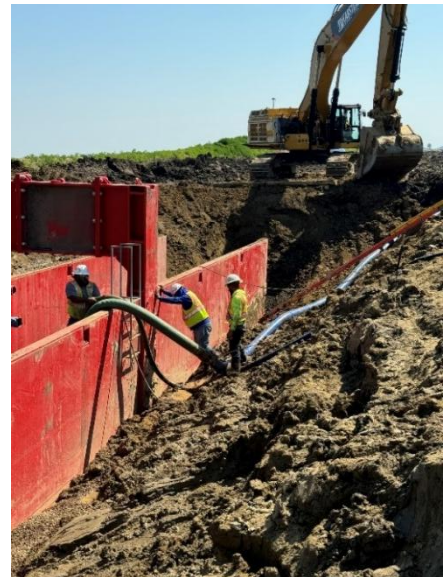
The contract price is \$76,663,355.00 for 8 miles of pipe awarded to Oscar Renda Contracting.

As their install targets were not being met, a second pipe crew started on July 10, and as of September 15, four crews are on site. Thus far, 36,922 feet has been installed. Tunneling subcontractor, Minger Contracting, has finished the James River and the Pembina high pressure gas line.

To date, \$49,857,174.08 has been paid on the original contract amount of \$76,663,355.00.



Stripping Topsoil



Trench Box w/ Dewatering Pipes

Contract 5D

The contract price is \$61,677,275.00 for 10 miles of pipe awarded to Carstensen Contracting. Thus far, the contractor has installed all 10 miles.

To date, \$51,446,741.28 has been paid on the original contract amount of \$61,677,275.00. Change Order No. 1 has been approved, leaving the current contract price at \$59,375,495.00.



Stored Pipe on Site



Placing Dewatering Pipe

Contract 6A

The contract price is \$52,528,500.00 for 7.1 miles of pipe awarded to Carstensen Contracting. Thus far, the contractor has installed 13,980 feet of pipe.

To date, \$20,876,384.06 has been paid on the original contract amount of \$52,528,500.00.

DESIGN

The design team is also working with Reclamation on the location for the BWTP and pump stations.

Final design efforts have started on ENDAWS Contracts 1 and 2. Additional geotechnical data is underway.

RRVWSP Awarded Contracts				
No.	Contract Name	Contractor	Bid Price	Final Contract Price
1	Missouri River Intake Wet Well & Site Development	ICS	\$4,989,405.88	\$4,721,446.47
1	Sheyenne River Outlet Discharge Structure & Site Development	Industrial Builders	\$1,516,955.00	\$1,521,884.00
2	Missouri River Intake, Screen Structure & Tunnel	Michels	\$18,896,900.00	\$19,444,156.60
5A	Transmission Pipeline East (TPE)	Garney	\$8,366,201.00	\$8,393,396.44
5B	TPE Carrington to Bordulac	Garney	\$45,961,700.00	
5D	TPE Sykeston to Carrington	Carstensen	\$61,677,275.00	
5C	TPE Bordulac to James River	Oscar Renda	\$76,663,355.00	
6A	TPE James River to McKinnon Township	Carstensen	\$52,528,500.00	



2023 to 2025 Biennium Work Plan

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

December 4, 2025

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 Scope: Account for all costs for which Garrison Diversion is responsible not included in other Task Orders listed here. Need: Budget allocation for GDCCD direct costs associated with the Red River Valley Water Supply Project.	Garrison Diversion's costs for the RRVWSP, including internal mgmt, admin, legal, communication, insurance advisory, misc., etc.	Series D	GDCCD				\$ 1.00	\$ 0.75	\$ 0.25			
2.	Property, Easements, and Crop Damage Payments⁴ Scope: Costs to obtain easements and acquire property for associated facilities. Crop damage payments to landowners. 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.	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 ENDAWS ENDAWS Facilities Crp Dmg		\$ 0.49	\$ 0.37	\$ 0.12	\$ 2.21	\$ 1.66	\$ 0.55		
					\$ 2.00	\$ 1.50	\$ 0.50	\$ 0.78	\$ 0.59	\$ 0.20			
3.	Transmission Pipeline East Contract 5C 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.	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 Jul-23 Nov-23	Prof Svcs Const, 2026 Fin							\$ 5.64	\$ 4.23	\$ 1.41
											\$ 76.66	\$ 57.50	\$ 19.17
4.	Transmission Pipeline East Contract 5D 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.	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 Jul-23 Oct-23	Prof Svcs Const, 2026 Fin							\$ 5.47	\$ 4.10	\$ 1.37
											\$ 59.38	\$ 44.53	\$ 14.84
5.	RRV Transmission Pipeline Contract 6A 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± 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 Jul-23 Dec-24	Prof Svcs Const, 2027 Fin							\$ 5.47	\$ 4.10	\$ 1.37
											\$ 52.53	\$ 39.40	\$ 13.13
6.	ENDAWS Transmission Pipeline Contract 3 Scope: Final design (30% docs to biddable plans and specs) and bidding assistance. Need: Continue progress of transmission pipeline installation for completion of RRVWSP/ENDAWS by the target end date.	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 Aug-23	ENDAWS	\$ 3.06	\$ 2.29	\$ 0.76						
7.	Transmission Pipeline East Contracts 4A and 4B Scope: Final design (30% docs to biddable plans and specs) and bidding assistance. Need: Have the next pipeline section bid-ready when State funding becomes available (likely the 2025-27 biennium).	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 Hurdfield at HBTs.	Series D Feb-24	Prof Svcs				\$ 7.18	\$ 5.39	\$ 1.80			



2023 to 2025 Biennium Work Plan

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

December 4, 2025

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 Aug-23	Prof Svcs				\$ 2.93	\$ 2.19	\$ 0.73			
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.												
	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 Feb-24	Prof Svcs	\$ 0.75	\$ 0.56	\$ 0.19						
	Scope: Conceptual and preliminary design of an intake and pumping station at the McClusky Canal.												
	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 Feb-24	Prof Svcs	\$ 2.87	\$ 2.15	\$ 0.72						
	Scope: Conceptual and preliminary designs for a Biota WTP and Main Pumping Station, including hydraulic surge facility.												
	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 Feb-24	Prof Svcs	\$ 0.37	\$ 0.28	\$ 0.09						
	Scope: Preliminary design of above-ground tanks and associated facilities at or near the continental divide.												
	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 Feb-24	Vend & Prof Svcs				\$ 0.50	\$ 0.37	\$ 0.12			
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services.												
	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 Aug-23	Prof Svcs				\$ 0.65	\$ 0.49	\$ 0.16			
	Scope: Overall program management, planning, budgeting, scheduling, and other support for Garrison Division.												
	Need: Consulting services of a broad programmatic nature not included under project-specific design or construction TOs.												
14.	Outreach, Plng, 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 Aug-23	Prof Svcs				\$ 1.69	\$ 1.27	\$ 0.42			
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments.												
	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)

December 4, 2025

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									
	Scope: System modeling, evaluation, planning, and report development documenting results/findings/outcomes.							\$ 0.62	\$ 0.46	\$ 0.15			
	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.	Series D Aug-23	Prof Svcs									
	Scope: Continue to refine the financial model and provide scenarios as required to support users and the program.							\$ 0.59	\$ 0.44	\$ 0.15			
	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.	Series E Apr-25	Prof Svcs									
	Scope: Study and report on operation of the McClusky Canal to reliably supply flow to irrigators and the ENDAWS project.				\$ 0.44	\$ 0.33	\$ 0.11						
	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.	Series E Apr-25	Prof Svcs									
	Scope: Final design and bidding assistance with partial execution of the construction work by GDCD.				\$ 0.88	\$ 0.66	\$ 0.22						
	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.	Series D Apr-25	Prof Svcs									
	Scope: water treatment piloting of preliminarily selected treatment processes with a 3-month duration.					\$ -	\$ -	\$ 0.87	\$ 0.65	\$ 0.22			
	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.	Series E Apr-25	Prof Svcs									
	Scope: Additional borings and soil sampling expanding upon the initial program implemented during preliminary design.				\$ 0.89	\$ 0.66	\$ 0.22						
	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.	Series E Apr-25	Prof Svcs									
	Scope: Final design (30% docs to 90% plans and specs).				\$ 1.78	\$ 1.34	\$ 0.45						
	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)

December 4, 2025

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	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.	Series D	RRVWSP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.30	\$ 4.72	\$ 1.57
	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					\$ 15.48	\$ 11.61	\$ 3.87	\$ 19.02	\$ 14.27	\$ 4.76	\$ 211.50	\$ 158.62	\$ 52.87

Notes:

- Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
- Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
- 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.
- 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.
- 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

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

December 4, 2025

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 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.	Garrison Diversion's costs for the RRVWSP.	--	GDCD				\$ 1.00	\$ 0.75	\$ 0.25			
2.	Property, Easements, and Crop Damage Payments⁴ Scope: Crop damage payments to landowners and easement costs. Need: Treat landowners right and live up to commitments.	Easements for Washburn transmission main. Pay for crop damages program wide.	--	Crp Dmg				\$ 1.82	\$ 1.37	\$ 0.46			
3.	Red River Valley Transmission Pipeline Contract 6B 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.	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 Jul-25 Oct-25	TO 5562 Prof Srvs Const, 2028 Fin							\$ 5.86 \$ 61.01	\$ 4.39 \$ 45.76	\$ 1.46 \$ 15.25
4.	Red River Valley Transmission Pipeline Contract 6C 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.	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 Jul-25 Oct-25	TO 5563 Prof Srvs Const, 2028 Fin							\$ 6.20 \$ 64.73	\$ 4.65 \$ 48.55	\$ 1.55 \$ 16.18
5.	Red River Valley Transmission Pipeline Contract 7A 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.	6.5± 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 Jul-25 Dec-25	TO 5571 Prof Srvs Const, 2028 Fin							\$ 5.67 \$ 58.96	\$ 4.25 \$ 44.22	\$ 1.42 \$ 14.74
6.	McClusky Facilities Final Design Services & Bidding Assist 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.	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						
7.	MO River Pumping Sta, Trans Main, & Utilities Ext Ct 3 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.	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			



2025 to 2027 Biennium Work Plan

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

December 4, 2025

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										
	Scope: Construction and construction phase services for initial project at greenfield site.		Apr-26	Prof Svcs							\$ 1.90	\$ 1.43	\$ 0.48
	Need: Prepare site and ready it for future construction of the biota water treatment plant.		Apr-26	Const							\$ 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										
	Scope: Final design services and bidding assistance for second construction project at the facilities site.		Jan-26	Prof Svcs	\$ 2.00	\$ 1.50	\$ 0.50						
	Need: Complete specialty work ahead of the main biota water treatment plant construction.			Const									
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										
	Scope: Final design services and bidding assistance for power, natural gas, water utility extensions to the new sites.		Jan-26	Prof Svcs	\$ 1.50	\$ 1.13	\$ 0.38				\$ 3.00	\$ 2.25	\$ 0.75
	Need: There is no 3-phase power available at the site so one needs to be developed to supply power needs of new facility.												
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										
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services.		Sep-25	Prof Svcs				\$ 0.69	\$ 0.52	\$ 0.17			
	Need: Create greater efficiency and documentation for significant amount of construction related documents.												
12.	Program Management Support	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	TO 1610										
	Scope: Overall program management, planning, budgeting, scheduling, and other support for Garrison Diversion.		Oct-25	Prof Svcs				\$ 0.75	\$ 0.56	\$ 0.19			
	Need: Consulting services of a broad programmatic nature not included under project-specific design or construction TOs.												
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										
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments.		Oct-25	Prof Svcs				\$ 2.00	\$ 1.50	\$ 0.50			
	Need: Define pipeline extensions to identify for users how and at what cost water will be delivered to their communities.												
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										
	Scope: System modeling, evaluation, planning, and report development documenting results/findings/outcomes.		Oct-25	Prof Svcs				\$ 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))

December 4, 2025

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 Oct-25	Prof Srvs									
	Scope: Continue to refine the financial model and provide scenarios as required to support users and the program.							\$ 0.60	\$ 0.45	\$ 0.15			
	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	GD CD									
	Scope: A budget reserve for task order additions to professional services, construction, legal, real estate, etc. TOs.				\$ 0.93	\$ 0.70	\$ 0.23	\$ 0.44	\$ 0.33	\$ 0.11	\$ 18.38	\$ 13.78	\$ 4.59
	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.

Wed 12/3/25

184