LAKE AGASSIZ WATER AUTHORITY
Board of Directors Meeting

Fargo City Commission Chambers
Fargo, North Dakota

December 17, 2025

DRAFT AGENDA

9:15 a.m. I. Call to Order & Roll Call – Chair Mahoney

9:16 a.m. II. Introductions – Chair Mahoney

9:17 a.m. III. >**Approval of Agenda** – Chair Mahoney

9:18 a.m. IV. Reading and Consideration of the Minutes – Chair Mahoney

A. **>November 12, 2025** ***(Tab A)***

9:20 a.m. V. LAWA Financial Report – Merri Mooridian

A. **>*2025 Budget Analysis Statement** ***(Tab B)***

1. >Bills Paid ***(Tab C)***

B. >Summary of Dues and Cost Share Paid ***(Tab D)***

C. Consultant Billing Summary – Kurt Ronnekamp ***(Handout)***

9:30 a.m. VI. Project Agreements Update & Plan – John Shockley

A. Series F Interim Financing Agreement

B. Assurance Policy

9:40 a.m. VII. Committee Reports

A. LAWA FAC Committee – Maureen Storstad

1. ***2026 Preliminary Budget Recommendation** ***(by email)***
2. ***LAWA Staffing Plan Recommendation** ***(by email)***
   a. >Staff Planning Scenarios Memorandum ***(Tab E)***
      i. ***Garrison Diversion Proposal –** Kip Kovar ***(Handout)***
3. ***LAWA Administrative Support – Task Order Ext. Amendment No. 2** ***(by email)***
4. **>*2025-2027 Revised Draft Biennium Work Plan/Budget** – Kip Kovar ***(Tab F)***

B. LAWA TAC Committee – Al Grasser

1. Change Orders – Kurt Ronnekamp
   a. **>*Contract 5B, Change Order No. 7 – Garney Construction** ***(Tab G)***
   b. **>*Contract 5C, Change Order No. 2 – Oscar Renda** ***(Tab H)***
2. >Work Plan Update – Kip Kovar ***(Tab I)***
3. Construction Bid Awards – Kip Kovar/Kurt Ronnekamp
   a. ***>Contracts 6B/6C Pipeline Recommendation** ***(Tab J)***
   b. ***>Contract 7A Pipeline Recommendation** (***Tab K)***
4. **>*Construction Phase Services Task Order 5662** ***(Tab L)***
5. ***Treatment Plant Power Supply Recommendation** – Paul Boersma

11:00 a.m. VIII. Red River Valley Water Supply Project

A. Construction & Engineering Update – Kip Kovar

1. >2023-2025 Biennium Work Plan/Budget – Kip Kovar/Kurt Ronnekamp ***(Tab M)***
2. >Program Schedule – Kip Kovar ***(Tab N)***

11:10 a.m.	IX.	Unfinished Business – Chair Mahoney
11:12 a.m.	X.	New Business – Chair Mahoney
11:15 a.m.	XI.	Adjourn

Bold = Action Item *** = Roll Call Vote Required**

The following minutes are in draft form subject to review and approval by the board of directors at its next meeting.

25-231

LAKE AGASSIZ WATER AUTHORITY

BOARD OF DIRECTORS

By Video Conference
November 12, 2025

A meeting of the Lake Agassiz Water Authority (LAWA) board of directors was held November 12, 2025, by video conference. The meeting was called to order by Chair Mahoney at 1:05 p.m.

MEMBERS PRESENT

Chair Timothy Mahoney
Vice Chair Brandon Bochenski (departed early)
Director LaVonne Althoff
Director Rick Bigwood
Director Ann Broussard
Director Dave Carlsrud
Director Bernie Dardis
Director Tom Erdmann
Director Alan Idso
Director Don Moen
Director Jim Schmaltz
Director Travis Schmidt
Alternate Todd Feland for Vice Chair Brandon Bochenski
Alternate Brian Reilly for Director Keith Nilson
Secretary Duane DeKrey

MEMBERS ABSENT

Associate Member Brett Lambrecht
Associate Member Jim Moe
Associate Member Carol Siegert

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

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

APPROVAL OF AGENDA

Motion by Vice Chair Bochenski to approve the board meeting agenda with Assurance Policy as an additional item. Second by Director Schmidt. Upon voice vote, motion carried.

CONSIDERATION OF MINUTES

Motion by Director Broussard to approve the October 14, 2025, LAWA Board minutes and October 16, 2025, Special LAWA Board minutes as distributed. Second by Director Dardis. Upon voice vote, motion carried.

ASSURANCE POLICY

Chair Mahoney reported he attended a Finance Committee earlier today where the Assurance Policy was discussed, and he learned there is no documented Assurance Policy even though some of the smaller users signed on with the understanding the Assurance Policy did exist. He then called on Vice Chair Bochenski to explain the strategy behind the Assurance Policy and the reasons for delay.

Vice Chair Bochenski explained the Assurance Policy originated from one of the early meetings in this process as a way to help share risk among the smaller users and to ensure their continued engagement in the Project while they worked through the details. He emphasized the policy is still of interest. He and Chair Mahoney need to finalize the details, but progress has been slowed down.

He does not know how else to explain it, but they were working with a third party, and he believed there was some level of deception from Garrison Diversion's attorney and consultants regarding existing water rights and certain 2075 demand projections. When reviewing those projections and comparing them to similar cities, such as Sioux Falls and Rapid City, which are comparable in size to Fargo and Grand Forks, inconsistencies were found. For example, those comparison cities typically show growth multiples of 1.5 to 1.8 over a several-decade timeline. If a city currently uses 10 billion gallons per day, projections for 2050 would typically place them at around 15 to 18 billion gallons.

It was discovered the projection used for Grand Forks was a multiple of more than three and more than four for Fargo. Under those assumptions, a city using 10 billion gallons today was shown to require 41 billion gallons in 50 years, with Fargo projected above 30 billion gallons. He stressed that they want to ensure alignment with Fargo regarding their final nominations and how they intend to share capacity with smaller groups. These are the conversations underway, and transparency is a priority. They still intend to provide an Assurance Policy for the smaller users, but the details need to be worked through to ensure everyone is comfortable.

Chair Mahoney asked for a motion to further explore an Assurance Policy and bring it back to the board next month.

Motion by Director Carlsrud to investigate the development of an Assurance Policy. Second by Director Althoff. Upon roll call vote, the following directors voted aye: Althoff, Bigwood, Bochenski, Broussard, Carlsrud, Dardis, Erdmann, Idso, Mahoney, Meyer, Schmaltz and Schmidt. Alternates voting aye: Reilly. Those voting nay: none. Motion carried.

FINANCIAL REPORT

Budget Analysis Statement - - Ashley Reisenauer, Lead Accountant, Garrison Diversion Conservancy District, reviewed the Budget Analysis Statement for the period of January 1, 2025, to October 31, 2025, (Annex II).

The income budget for the year is $42,044. Total income received through October is $59,786, resulting in a budget balance of ($17,742).

The expense budget is $372,245. Actual expenses through October are $262,256, leaving $109,988 remaining in expenses.

The total bank balance at the end of October 2025 is $48,950.

Ms. Reisenauer noted bills paid since the October board meeting are highlighted in the Budget Analysis Statement with copies of the invoices included in the board packet.

Budget Revisions - - Ms. Reisenauer presented the 2025 LAWA budget revisions, RV2, (Annex III). Under Miscellaneous Income, the increase is $140,000. This includes $90,000 from the previous budget revision, which did not get listed under income at that time, plus an additional $50,000. This results in a revised income budget of $182,044. Revised expenses include increases to Adm/Legal/Financial for Ohnstad Twichell of $50,000 and Garrison Diversion - BHFS of $256.25, bringing the total revised expense budget to $422,501.25.

Ms. Reisenauer referenced the negative anticipated bank balance shown under anticipated bank activity. After the proposed revisions, the anticipated bank balance at year end is $11,158.

Motion by Director Broussard to approve: 1) the Budget Analysis Statement for the period of January 1, 2025, through October 31, 2025, and 2) 2025 Budget Revisions RV2. Second by Director Bigwood. Upon roll call vote, the following directors voted aye: Althoff, Bigwood, Bochenski, Broussard, Carlsrud, Dardis, Erdmann, Idso, Mahoney, Meyer, Schmaltz and Schmidt. Alternates voting aye: Reilly. Those voting nay: none. Motion carried.

Chair Mahoney pointed out there is a table in the meeting packet showing dues and cost share paid by LAWA members for the board's information.

Consultant Billing Summary - - Kurt Ronnekamp, Black & Veatch (BV), referenced the Program Billing summary for the period of January 1 through October 31, 2025 (Annex IV). The firm totals are $13,752,590 distributed among BV and 17 related consultants, with approximately 49% of the billings attributed to BV. He noted the billings through October align with the commitments that have been made per contract.

Vice Chair Bochenski asked, for context, whether the effort to bring BV's work onshore has been progressing well in 2025, or if more of that transition is expected to occur in 2026.

Mr. Ronnekamp said, yes, BV is on track as far as commitments made, and they do look to increase the level of involvement by the subconsultants on the program.

Vice Chair Bochenski clarified his intent was to ensure the work was being performed by American labor.

Paul Boersma, BV, explained there is a natural wind-down occurring because pipeline design work has been completed. This process was already underway when the discussion began, and as a result, the use of BV professionals based in other countries has also decreased.

Chair Mahoney informed the board members the proportion of work performed by BV is trending toward 40%, with local consultants taking on a larger share.

Mr. Boersma replied that BV has been in ongoing discussions with Advanced Engineering & Environmental Services (AE2S) regarding this shift. He noted the invoices currently being seen largely reflect work completed prior to the Series E contracts. The target ratio is being pursued under the Series F contracts currently in progress, and by the end of 2026, the effects of the changes implemented this year will be more apparent.

PROJECT AGREEMENT UPDATE AND PLAN

Interim Financing Agreement Series F

Chair Mahoney referenced the Interim Financing Agreement Series F, which was emailed to the board members prior to the meeting. He reminded the board that the document had been approved at the previous meeting, contingent upon text changes reviewed and approved by legal counsel and the chair. He then called on John Shockley of Ohnstad Twichell to review the recent updates incorporated in response to Garrison Diversion's comments.

Mr. Shockley explained the proposed changes relate to the pledge language in Section 3.04, Payment by Member Entities. Over the past several weeks, he has worked with counsel for the Bank of North Dakota (BND) to revise language that Fargo and Grand Forks' bond counsel viewed as problematic, specifically regarding a pledge obligation contained within the Interim Financing Agreement. Their concern was that the existing language, when considered alongside disclosure requirements for bond issuances and covenants tied to the cities' existing debt, could affect the current or future pledge of water rates and potentially impact the cities' ability to issue future project-related debt.

After multiple exchanges with BND counsel, the issues were narrowed, and a joint meeting was held with bond counsel for Fargo, Grand Forks and BND. This resulted in some small but significant changes to Section 3.04, which he displayed for the board. The updated language now clarifies that each member entity signing the agreement covenants to pay its pro rata share of the loan payments from available revenues, subject to a new provision, Section 3.08, Member Entity Payment Covenant. This covenant is triggered only if a member entity fails to make the required payment. If payments are made, the entity is not obligated to raise or increase water rates. However, in the event of nonpayment, the entity would be required to raise water rates as necessary to meet its payment obligations, and such a failure would constitute a default.

Mr. Shockley reported that BND counsel has reviewed and approved the updated language. Counsel for Grand Forks and Fargo have confirmed their acceptance of the revisions. He added that he and Brent Bogar, LAWA Consultant, will be reaching out to the other member entities that are signatories to Series F to ensure they are comfortable with the updated

language, which he fully expects. He further noted his understanding that Garrison Diversion's bond counsel has signed off on the language, pending final approval at its November 24 board meeting.

Motion by Vice Chair Bochenski to approve the revised Interim Financing Agreement Series F between the Garrison Diversion Conservancy District, Lake Agassiz Water Authority, City of Carrington, City of Cooperstown, City of Fargo, City of Grand Forks, City of Hillsboro, City of Mayville and the City of Valley City. Second by Director Dardis. Upon roll call vote, the following directors voted aye: Althoff, Bigwood, Bochenski, Broussard, Carlsrud, Dardis, Erdmann, Idso, Mahoney, Meyer, Schmaltz and Schmidt. Alternates voting aye: Reilly. Those voting nay: none. Motion carried.

RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP)

Construction Report - - Kip Kovar, Deputy Program Manager, RRVWSP Engineering, Garrison Diversion Conservancy District, reviewed construction activity for the RRVWSP, confirming pipeline installation across the project now totals 30 miles, with 1.9 miles added since the last meeting.

Segment Progress – Segments 5B, 5C, 5D, and 6A:

- **Garney Construction (Segment 5B):**
  • Pipeline installation and restoration complete

- **Oscar Renda Contracting (Segment 5C):**
  • 6.75 miles of pipeline installed

Carstensen Construction (Segment 5D):
  • 10 miles of pipeline installed

- **Carstensen Construction (Segment 6A):**
  • 2.4 miles of pipeline installed

Mr. Kovar reported the James River tunnel has been successfully completed. Work has now begun on a short tunnel under a high-pressure gas line, which is expected to be finished by the end of the week.

Restoration and topsoil work is underway in preparation for winter.

The Work Plan Update dated November 3, 2025, (Annex V) is attached to the minutes.

Bidding Update

Mr. Kovar noted that advertisements have been issued for the following contracts:

- **Contract 6B** – Approximately 9 miles
- **Contract 6C** – Approximately 8 miles
- **Contract 7A** – Approximately 4 to 6 miles

He added that Contract 7A will function as an accordion contract: if pipe prices are low, more pipe will be installed; if prices are high, installation will be reduced accordingly.

Bid openings for Contract 6B and 6C are scheduled for November 19 at 2:00 p.m., and the bid opening for Contract 7A will be held on November 21 at 2:00 p.m.

2023-2025 Biennium Work Plan/Budget - - Mr. Kovar referenced the RRVWSP 2023-2025 Biennium Work Plan dated October 8, 2025, in the amount of $246 million. There have been no changes since the last meeting.

2025-2027 Draft Biennium Work Plan/Budget - - Mr. Kovar referenced the Draft 2025–2027 Biennium Work Plan/Budget dated October 8, 2025, totaling $273 million. There have been no changes since the last meeting.

Program Schedule - - Mr. Kovar also referenced the program schedule reflecting all pipeline contracts and facilities under the 10-year build plan.

NEW BUSINESS

LAWA Staff Planning - - Chair Mahoney stated as the RRVWSP advances, LAWA will require additional personnel to support its expanding responsibilities. He asked Katie Schmidt of Ohnstad Twichell to address this topic.

Ms. Schmidt provided a presentation on LAWA's future staffing needs. The information is intended to guide the board's discussion, with the decision expected at its December meeting. She noted that while Mr. Bogar currently manages a number of administrative tasks, his position was not designed to be permanent.

As project planning progresses and LAWA moves closer to the operational phase, Ms. Schmidt emphasized the organization must evolve into a more fully functional entity capable of supporting its membership and meeting the administrative and strategic demands associated with the project. This will require a staffing plan that will align operational needs, budgetary considerations and long-term strategic goals. The purpose of this presentation is to provide the board with a comprehensive overview of three staffing options developed in collaboration with stakeholders enabling an informed decision regarding LAWA's future organizational structure.

Ms. Schmidt outlined three staffing implementation scenarios:

1. Executive Assistant with an annual cost range of $62,000 to $87,000,

2. Executive Director plus Administrative Assistant with an annual cost range of $207,00 to $320,000, and

3. Association Management Company (AMC) with an annual cost range of $96,000 to $180,000.

She reviewed the role and responsibilities, cost and implementation considerations and the advantages and challenges of each option. Additional details are included in the memorandum dated November 3, 2025, prepared by Ms. Schmidt and Mr. Bogar (Annex VI).

Chair Mahoney asked whether the salary ranges presented include benefits.

Mr. Bogar replied these numbers include benefits.

Director Erdmann stated the RRVWSP is 24% complete in terms of pipeline installation and noted that Garrison Diversion has been absorbing a significant share of the cost and contributing substantial support at no charge. With 75% percent of the project remaining and an estimated three to four years before major operational changes are needed, he asked for Garrison Diverison's perspective on continuing to provide LAWA with administrative and engineering support at levels similar to those prior to hiring Mr. Bogar.

Mr. Bogar replied that based on his discussions with Garrison Diversion, their plan is to continue providing the support they have been offering, specifically with the design and oversight. His own role has primarily been to facilitate communication and serve as a single point of contact within LAWA for those interactions. As LAWA considers future staffing, he noted the desire to begin transitioning toward having its own personnel in place ahead of the project's operational phase, allowing the organization to strengthen its internal capacity. He added his current role does not align with operational responsibilities, as his expertise is more focused on policy and communications. In working with leadership and Ms. Schmidt, the intent has been to develop options that position LAWA for its next phase of organizational development.

Chair Mahoney observed that the administrative teams from both Grand Forks and Fargo frequently assist with RRVWSP tasks. He stated LAWA needs to begin transitioning to a different structure, noting the increasing number of moving parts that require dedicated attention.

Bruce Grubb, City of Fargo, added that with the adoption of the split-delivery model, where LAWA will take water at Lake Ashtabula and be responsible for distributing it to users, LAWA will need a formal organizational structure. He manages administrative functions in Fargo, including human resources, financial services, and technical services, and has been advised the city does not have the bandwidth to take on responsibilities of this magnitude at this time. For LAWA to fulfill its role, it will require a dedicated structural team, which is why he supports consideration of the proposed staffing options.

Chair Mahoney noted that during the FM Diversion project, the transition to an executive director model proved highly beneficial, helping to build out land management and other support functions that kept the effort focused. With split delivery, LAWA will eventually need staffing beyond what Mr. Bogar provides. While an AMC could bridge the gap for a period of time, nearing project completion LAWA would ultimately need to consider hiring an executive director. He added that system users will need to provide certain functions that Garrison Diversion does not typically perform.

Director Erdmann emphasized that the project remains far from the operational stage and the immediate priority is completing construction. With only 25% of the work complete, a great

deal remains. He noted an Executive Assistant could serve in a role similar to Mr. Bogar's and perhaps function more like an AMC. He cautioned that Garrison Diversion's willingness to

take on substantial responsibilities at little or no cost to LAWA should not be overlooked. While more staffing will be necessary as the project nears operation, he does not believe significant additions are needed at this stage.

Mr. Bogar acknowledged Director Erdmann's point that operational needs are still several years away; however, he noted that developing the operational plan in coordination with Garrison Diversion is part of the role being contemplated. With active involvement from various LAWA members through the Technical Advisory Committee and Financial Advisory Committee, he said a dedicated position would help guide and facilitate this work and support the transition toward defining LAWA's long-term operational structure, including a potential executive director role. The intent is not to take over any construction-related responsibilities handled by Garrison Diversion.

Director Erdmann reiterated that Garrison Diversion is responsible for planning and construction, and LAWA's role during this phase is to remain informed. He suggested an executive assistant or similar position could fulfill that function and eventually grow into an executive director role. For the time being, he does not see the need for significant staffing increases until the project is closer to operation. During construction, a liaison-type executive assistant working closely with Garrison Diversion would maintain communication between LAWA and Garrison Diversion's board, similar to the role Mr. Bogar currently plays.

Chair Mahoney stated the challenge with the user agreement is that numerous items must be closely coordinated with the Department of Water Resources (DWR). He noted that operational planning, the Thompson-Acker water rights, and various federal requirements related to securing funding all require consistent and immediate attention. These activities cannot be deferred until the end of the project; they must begin now and will require substantial effort.

He added that while Mr. Bogar can continue to serve in a policy and communications role, LAWA needs someone who can track these matters on a day-to-day and month-to-month basis. Just as the board has moved to monthly meetings, LAWA will need to be more actively engaged in external efforts. He emphasized the need for a dedicated position focused fully on LAWA's responsibilities within the project.

Chair Mahoney stated that cost is an important factor. The board needs to understand the financial differences between the staffing options. He noted that an executive assistant may be beneficial, with an AMC handling additional responsibilities if LAWA is not yet ready to hire an executive director. This is a key consideration as the board evaluates the path forward.

Director Erdmann expressed concern that, although Grand Forks and Fargo are the larger users, all participating entities would ultimately bear these costs if cost share is not available. Any additional staffing would become part of the ongoing operational expenses, adding to the annual costs beyond the current financing agreements.

Chair Mahoney responded that these expenses are considered part of the project and would, therefore, be eligible for the 75-25 percent cost-share structure. He noted this has been

discussed with Reice Haase, Director of the DWR, who indicated he is comfortable with that approach.

Director Erdmann asked whether LAWA feels confident that cost share will be available and that it will be incorporated into the overall project, regardless of which staffing option is selected.

Chair Mahoney agreed, adding this information will also be presented to Garrison Diversion's leadership for their input.

Director Carlsrud said unless LAWA is certain about the direction they want to go, it may be worth considering starting with an AMC and later transitioning to an executive director, rather than moving from an executive director back to an AMC.

Chair Mahoney asked Director Dardis if he would like to share any thoughts regarding staff planning.

Director Dardis stated he appreciates the analysis provided by Director Erdmann regarding the percentage of the project completed and the number of years remaining before reaching near-operational status. He agreed with Director Erdmann's assessment. He added, in regard to an AMC, if a professional team is to handle this, he is concerned about whether there are any regional candidates qualified for such work. He emphasized the importance of identifying potential AMC-type contractors in advance. He suggested, with all due respect, that the conversation about the project's direction may not need to occur until mid to late 2026, or possibly early 2027.

Mr. Bogar stated there are several firms in North Dakota that provide AMC services and would be qualified to assist LAWA in this role. He suggested defining the scope of work and interviewing a few of these firms to ensure their level of commitment and to identify any potential conflicts, so that all information is disclosed and understood upfront.

Director Schmaltz asked if LAWA were to hire an executive assistant, would that person assume Mr. Bogar's responsibilities or would he remain involved.

Mr. Bogar replied that this would need to be determined. The executive assistant would take over some of his duties, but he is unsure whether policy and strategy development would fall within that role. As the process moves forward, part of the discussion will focus on how his role fits into the overall structure.

Director Meyer asked how long the 75-25 percent cost share will remain in effect. He suggested that, at some point, it might be beneficial to bring someone on staff before construction is complete so they have time to become familiar with the project.

Mr. Bogar stated that discussions regarding the 75-25 cost share, particularly for project management versus ongoing operations, would need to take place with the DWR to determine long-term eligibility. Typically, the DWR does not cover ongoing operational salaries, whereas project management costs are generally more likely to be eligible.

Chair Mahoney asked the board to consider when it would be appropriate to hire staff for LAWA if it is not done now. He emphasized that someone needs to be sufficiently embedded in the project to fully understand its nuances, operations and associated cost responsibilities. He suggested that board members email him with their comments.

Director Erdmann suggested requesting a written proposal from Garrison Diversion outlining whether their staff would be willing to assist LAWA with administrative support and, if so, to what extent. He questioned whether LAWA could continue utilizing Garrison Diversion's staff at no cost or if charges would apply.

Chair Mahoney acknowledged the point, noting that everyone is part of the team and that Garrison Diversion currently assists with monthly meetings, making the question appropriate.

Ms. Schmidt agreed, stating that it had been a productive discussion. She said the information should be taken as informational for now, and any comments may be conveyed to the chair. The topic will be revisited in December.

DEPARTMENT OF WATER RESOURCES UPDATE

Pat Fridgen, Deputy Director, DWR, provided a progress report on the two legislatively required studies currently underway. The first study focuses on the agency's cost share program and policy evaluation. The purpose of the study is to assess available funding for water projects through 2039, evaluate project timing and identify any anticipated funding shortfalls. Deliverables will

include a financial model designed to help the DWR, governor's office, legislature and project sponsors evaluate options for addressing potential shortfalls and ensuring long-term sustainability of the cost share program.

Deloitte is serving as the contractor for this study. Representatives were in Bismarck at the end of October to meet with DWR staff and confirm that all necessary information had been provided. Deloitte is currently developing the financial model, and the project remains on schedule, with a final report expected in March.

The second study concerns regional water systems governance and finance. Its purpose is to analyze the long-term governance and financial models of NAWS, Southwest Pipeline Project (SWPP) and the RRVWSP. This evaluation will include a review of operational and organizational aspects of all three systems, including an assessment of strengths, weaknesses, opportunities and challenges.

Deloitte is also the contractor for this study. To date, they have completed most stakeholder interviews with only a few remaining. This study is also progressing on schedule, with a final report anticipated in May.

Mr. Fridgen reported the state agencies recently received an update from the Office of Management and Budget (OMB) regarding the 2027-2029 budget cycle. When the 2023-2025 biennium budgeting process started, the state's beginning general fund balance was approximately $1 billion. For 2025-2027, it was $1.3 billion. Current projections for 2027-2029 indicate a beginning balance of roughly $400 million, which is a significant decline from the previous two cycles.

He noted the DWR is not a general-fund agency, as it is funded almost entirely through the Resources Trust Fund, which receives revenues from extraction taxes. However, as was demonstrated during the most recent legislative session, the agency can also expect decreased revenues compared to prior biennia, which may pose challenges for future project development.

NEW BUSINESS

Technical Advisory Committee and Financial Advisory Committee Recommendations -- Mr. Bogar referred to the proposed committee recommendations list included in the meeting packet for the Technical Advisory Committee (TAC) and Financial Advisory Committee (FAC). The recently revised bylaws outline the membership requirements for both committees. He stated he has been in contact with various individuals regarding their participation and that the matter has been discussed at prior board meetings. He then reviewed the draft committee lists (Annex VII). If the board is in agreement, he recommended approval of the proposed membership for each committee.

Motion by Director Bigwood to approve the proposed recommendations for membership to the LAWA Technical Advisory Committee and Financial Advisory Committee. Second by Director Schmidt. Upon roll call vote, the following directors voted aye: Althoff, Bigwood, Broussard, Carlsrud, Dardis, Erdmann, Idso, Mahoney, Meyer, Schmaltz and Schmidt. Alternates voting aye: Feland and Reilly. Those voting nay: none. Motion carried.

OTHER

The meeting adjourned at 2:13 p.m.

Timothy Mahoney, Chair

Duane DeKrey, Secretary

Annex I
25-242

REGISTRATION

LAWA Board Meeting
By Video Conference
November 12, 2025

NAME	ORGANIZATION
Lisa Schafer	Garrison Diversion
Kip Kovar	Garrison Diversion
Duane DeKrey	Garrison Diversion
Kimberly Cook	Garrison Diversion
Sabrina Scherr	Garrison Diversion
Ashley Reisenauer	Garrison Diversion
Keith Mykleseth	East Grand Forks Water & Light
Ken Vein	Garrison Diversion
Katie Schmidt	Ohnstad Twichell
John Shockley	Ohnstad Twichell
Kurt Ronnekamp	Black & Veatch
Paul Boersma	Black & Veatch
Steve Burian	Burian & Associates
March Pritchard	Moorhead Public Service
Maureen Storstad	City of Grand Forks
Todd Feland	City of Grand Forks
Al Grasser	City of Grand Forks
Dan Gaustad	City of Grand Forks
Shawn Gaddie	Advanced Engineering & Environmental Services
Brent Bogar	LAWA
Tami Norgard	Vogel Law Firm
Michael Halvorson	Department of Water Resources
Tim Paustian	Apex Engineering
Jason Siegert	Garrison Diversion
Jay Anderson	Garrison Diversion
Greg Bischoff	Garrison Diversion
Jeff LeDoux	Garrison Diversion
Bruce Grubb	City of Fargo

NAME	ADDRESS
Dan Portlock	City of Fargo
Brad Olson	City of West Fargo
Brent Brinkman	Cass Rural Water District
Brent Erickson	Advanced Engineering & Environmental Services
Brian Nazarenus	Nazarenus Stack & Wombacher
Don Lingen	Southeast Water Users District
Joe Nett	Department of Water Resources
Jeremy Schuler	Northeast Regional Water District
Joe Zauner	American Pipe
Pat Fridgen	Department of Water Resources
Brian Johnson	East Grand Forks Water & Light
Cory Drevecky	Department of Water Resources
Steve Metzger	Garrison Diversion

Lake Agassiz Water Authority

Income	Budget 2025	Actual as of 10.31.25	Balance of Budget
Dues Income	$ 35,000.00	$ 34,700.00	$ 300.00
Miscellaneous	$ 99.00	$ 20,605.50	$ (20,506.50)
Cost Share-Interim Finance	$ 6,945.00	$ 4,481.48	$ 2,463.52
Total Income	**$ 42,044.00**	**$ 59,786.98**	**$ (17,742.98)**
Expenses			
Dues Expenses	$ 6,500.00	$ 6,320.00	$ 180.00
ND Water Users Association	$ 5,000.00	$ 5,000.00	$ -
ND Water Coalition	$ 1,000.00	$ 1,000.00	$ -
ND Rural Water Systems Assoc.	$ 500.00	$ 320.00	$ 180.00
Accounting	$ -	$ -	$ -
Directors Expense	$ -		$ -
Insurance	$ 550.00	$ 461.00	$ 89.00
Construction	$ -		$ -
Engineering	$ 6,945.00	$ 4,390.01	$ 2,554.99
Property Acquisiton/Easements	$ -		$ -
Admin Expense	$ 250.00	$ 83.46	$ 166.54
Legal/Prof Serv	$ 358,000.00	$ 251,001.84	$ 106,998.16
Ohnstad Twichell, P.C.	$ 137,982.00	$ 119,876.27	$ 18,105.73
AE2S	$ 181,768.00	$ 92,619.32	$ 89,148.68
Garrison Diversion - BHFS	$ 30,750.00	$ 31,006.25	$ (256.25)
Garrison Diversion - Effertz Law	$ 7,500.00	$ 7,500.00	$ -
Total Expenses	**$ 372,245.00**	**$ 262,256.31**	**$ 109,988.69**

Bank Activity

Beginning Bank Balance 1-1-25		$ 251,616.13
Income Received		$ 59,786.98
Bank Fees		$ (196.08)
Total Funds Available		**$ 311,207.03**
Check #1263 ND Water Coalition	$ 1,000.00	
Check #1264 ND Water Users	$ 5,000.00	
Check #1265 AE2S	$ 15,568.25	
Check #1266 Ohnstad Twichell	$ 16,267.77	
Check #1267 Ohnstad Twichell	$ 6,017.00	
Check #1268 Garrison Diversion (BHFS)	$ 7,687.50	
Check #1269 Garrison Diversion (Effertz Law)	$ 3,750.00	
Check #1270 AE2S	$ 10,696.32	
Check #1271 AE2S	$ 15,175.64	
Check #1272 Ohnstad Twichell	$ 4,476.50	
Check #1273 AE2S	$ 9,538.71	
Check #1274 Ohnstad Twichell	$ 2,095.50	
Check #1275 Garrison Diversion (Effertz Law)	$ 3,750.00	
Check #1276 Garrison Diversion (BHFS)	$ 7,687.50	
Check #1277 Garrison Diversion (CS 33)	$ 3,410.49	
Check #1278 AE2S	$ 11,314.58	
Check #1279 Ohnstad Twichell	$ 13,553.00	
Check #1280 Countryside Creations	$ 83.46	
Check #1281 Garrison Diversion (CS 34)	$ 979.52	
Check #1282 Ohnstad Twichell	$ 10,825.50	
Check #1283 ND Rural Water	$ 320.00	
Check #1284 AE2S	$ 20,865.07	
Check #1285 Ohnstad Twichell	$ 11,688.00	
Check #1286 AE2S	$ 9,460.75	
Check #1287 Garrison Diversion(BHFS/Bernhardt)	$ 7,751.56	
Check #1288 Insure Forward	$ 461.00	
Check #1289 Ohnstad Twichell	$ 31,162.00	
Check #1290 Ohnstad Twichell	$ 13,722.50	
Check #1291 Ohnstad Twichell	$ 10,068.50	
Check #1292 Garrison Diversion(Bernhardt)	$ 7,879.69	
Total Expenses	**$ 262,256.31**	
Ending Bank Balance		**$ 48,950.72**

Lake Agassiz Water Authority

Budget 2025 Rv2			
Income	**Budget**	**Revision**	**Revised Budget**
Dues Income	$ 35,000.00		$ 35,000.00
Miscellaneous	$ 99.00	$ 140,000.00	$ 140,099.00
Cost Share-Interim Finance	$ 6,945.00	$ -	$ 6,945.00
Total Income	**$ 42,044.00**	**$ 140,000.00**	**$ 182,044.00**
Expenses			
Dues Expenses	$ 6,500.00	$ -	$ 6,500.00
ND Water Users Association	$ 5,000.00	$ -	$ 5,000.00
ND Water Coalition	$ 1,000.00	$ -	$ 1,000.00
ND Rural Water Systems Assoc.	$ 500.00	$ -	$ 500.00
Accounting	$ -		$ -
Directors Expense	$ -	$ -	$ -
Insurance	$ 550.00		$ 550.00
Construction	$ -	$ -	$ -
Engineering	$ 6,945.00		$ 6,945.00
Property Acquisiton/Easements	$ -	$ -	$ -
Admin Expense (Misc/Bank fees)	$ 250.00		$ 250.00
Adm/Legal/Financial	$ 358,000.00	$ 50,256.25	$ 408,256.25
Ohnstad Twichell, P.C.	$ 137,982.00	$ 50,000.00	$ 187,982.00
AE2S	$ 181,768.00		$ 181,768.00
Garrison Diversion - BHFS	$ 30,750.00	$ 256.25	$ 31,006.25
Garrison Diversion - Effertz Law	$ 7,500.00	$ -	$ 7,500.00
Total Expenses	**$ 372,245.00**	**$ 50,256.25**	**$ 422,501.25**

Anticipated Bank Activity	**Current**	**Revised**
Beginning Bank Balance 1-1-25	**$ 251,616.13**	**$ 251,616.13**
Income Budget	$ 42,044.00	$ 182,044.00
Expense Budget	$ 372,245.00	$ 422,501.25
Anticipated Bank Balance 12-31-25	**$ (78,584.87)**	**$ 11,158.88**

JANUARY - OCTOBER 2025
MONTHLY BILLING REPORT
RED RIVER VALLEY WATER SUPPLY PROJECT

RED RIVER VALLEY WATER SUPPLY PROJECT
Serving the Water Supply Needs of Central North Dakota and the Red River Valley

BLACK & VEATCH

PROGRAM BILLING SUMMARY

Firm Name / Task Order Name	January	February	March	April	May	June	July	August	September	October	FIRM TOTALS	
Black & Veatch Corporation	$ 690,230.60	$ 668,273.32	$ 608,791.09	$ 754,257.27	$ 737,491.87	$ 665,304.31	$ 641,608.03	$ 796,669.05	$ 553,539.02	$ 630,192.89	$ 6,746,357.45	49.1%
Advanced Engineering and Enviormental Services, LLC	$ 382,593.65	$ 447,090.45	$ 420,537.27	$ 427,332.32	$ 494,175.34	$ 343,480.67	$ 385,219.62	$ 623,022.48	$ 547,635.35	$ 515,550.79	$ 4,586,637.94	33.4%
Materials Testing Services, LLC	$ -	$ 98,280.00	$ 425,011.00	$ 16,100.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 539,391.00	3.9%
Burian & Associates, LLC	$ 129,671.79	$ 79,361.61	$ 49,908.97	$ 51,102.86	$ 56,532.37	$ 54,098.15	$ 45,457.65	$ 8,434.98	$ -	$ 17,977.65	$ 492,546.03	3.6%
Ulteig Engineers, Inc.	$ 26,865.56	$ 580.00	$ 22,086.98	$ 11,948.50	$ -	$ 9,380.50	$ 6,167.50	$ 2,155.75	$ 14,466.33	$ 9,680.50	$ 103,331.62	0.8%
Prairie Soil Consulting, LLC	$ 4,460.56	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,673.13	$ -	$ -	$ 25,133.69	0.2%
American Engineering Testing, Inc.	$ 2,040.00	$ -	$ 1,015.00	$ 4,150.00	$ 9,725.50	$ 2,647.00	$ 7,096.00	$ 8,623.00	$ -	$ 42,621.35	$ 77,917.85	0.6%
Veteran Testing and Inspecting, LLC	$ 4,350.00	$ -	$ -	$ -	$ -	$ 5,556.00	$ 12,880.00	$ 10,166.00	$ 14,723.00	$ 9,243.00	$ 56,918.00	0.4%
Material Testing Consultants, Inc.	$ 518.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 518.00	0.0%
Braun Intertec Corporation	$ -	$ -	$ -	$ -	$ -	$ 8,509.25	$ 3,132.25	$ 3,882.25	$ 2,288.00	$ 6,622.75	$ 24,434.50	0.2%
Accurate Inspections, LLC	$ -	$ -	$ -	$ 3,314.20	$ -	$ 11,144.60	$ 17,774.18	$ -	$ -	$ 7,390.79	$ 39,623.77	0.3%
Wilson Water Group, LLC	$ 1,275.00	$ -	$ -	$ 3,315.00	$ 6,895.00	$ 5,025.00	$ 5,695.00	$ 382.50	$ -	$ -	$ 22,587.50	0.2%
DocuSign, Inc.	$ -	$ 3,300.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,300.00	0.0%
Stantec Consulting Services, Inc.	$ -	$ 34,819.85	$ -	$ -	$ -	$ -	$ 20,339.04	$ 39,046.29	$ 97,705.07	$ 24,246.89	$ 216,157.14	1.6%
Moore Engineering, Inc.	$ 5,242.42	$ -	$ 2,675.00	$ -	$ 25,732.40	$ 105,775.97	$ 46,570.30	$ 52,901.00	$ -	$ 127,447.82	$ 366,344.91	2.7%
Houston Engineering, Inc.	$ 14,448.00	$ -	$ 19,052.00	$ 5,887.00	$ -	$ 30,756.50	$ 1,316.00	$ -	$ -	$ -	$ 71,459.50	0.5%
Apex Engineering Group	$ 26,029.00	$ 65,822.00	$ 47,961.00	$ 87,514.00	$ 82,979.50	$ 31,391.00	$ 11,571.50	$ 4,204.00	$ 6,634.50	$ 4,905.00	$ 369,011.50	2.7%
Miscellaneous	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,920.00	$ 10,920.00	0.1%
MONTHLY TOTALS	$ 1,287,724.58	$ 1,397,527.23	$ 1,597,038.31	$ 1,364,921.15	$ 1,413,531.98	$ 1,273,068.95	$ 1,204,827.07	$ 1,570,160.43	$ 1,236,991.27	$ 1,406,799.43	$ 13,752,590.40	100.0%

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RRVWSP Work Plan Update
November 3, 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, $39,090,882.28 has been paid on the original contract amount of $45,961,700.00. Change Orders No. 1, 2, 3, 4 and 5 have been approved, leaving the current contract price at $47,619,339.79.

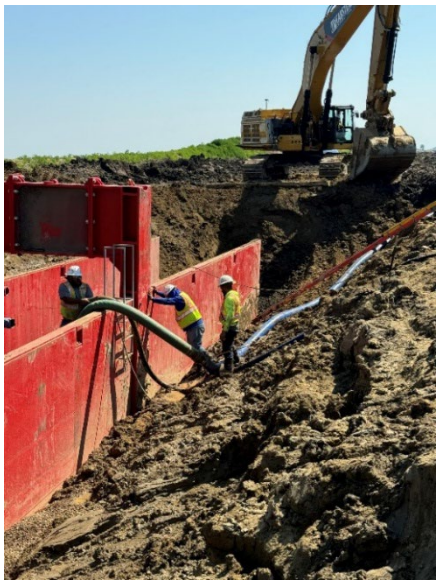
Contract 5C

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, 34,780 feet has been installed. Tunneling subcontractor, Minger Contracting, has finished the James River tunnel.

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 51,883 feet with one pipe crew.

To date, $46,941,141.94 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 11,655 feet of pipe.

To date, $18,238,929.10 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	

Memorandum

To: LAWA Board of Directors
From: Brent Bogar, Katie Schmidt
Date: 11/3/2025
Subject: Staffing Scenarios for LAWA – Informational Overview

Purpose

As part of the scope of work with my existing agreement, I have been working on a plan for staffing implementation options for the board to consider for the Lake Agassiz Water Authority (LAWA). The initial goal of these staffing options is to:

1- Begin to transition LAWA into a more fully functional organization to support the growing demands associated with implementation of the Red River Valley Water Supply Project (RRVWSP).
2- Provide support to LAWA membership in representing their interests in the RRVWSP as the project progresses towards operational start-up and the associated on-going project administrative and management requirements.

This memorandum provides an informational overview of three staffing scenarios that have been developed working with others for your consideration. The goal is to support the Board in evaluating options that align with LAWA's operational needs, budgetary constraints, and long-term strategic goals.

Overview of Staffing Implementation Scenarios

1. Executive Assistant

Provides administrative support to the Board, including membership coordination, meeting coordination, documentation, and general office management.

2. Executive Director + Administrative Assistant

Includes a full-time Executive Director responsible for strategic leadership, financial oversight, and stakeholder engagement, supported by an Administrative Assistant.

3. Association Management Company (AMC)

Provides contracted services including governance, financial management, and operational support through a team of professionals.

Key Considerations

It is recognized with the options being considered that there are key differences in the near-term and long-term viability of each option. The below is meant to highlight a few of these differences and assist the board in determining which option is best suited to initially stand-up LAWA independent staffing and organization management.

Executive Assistant:

Estimated Cost: $62k-$87k

Implementation Timeline: 6-8 weeks

Primary Level of Responsibility: Administrative Support

Pros
• Fast Implementation • Lower Near-term Cost • Flexible role to support organizational needs • Potential to plan more methodically for long-term Executive Director role
Cons
• Delays on-boarding of strategic leadership at key implementation point in the RRVWSP • Requires more board engagement in daily activities for direction • Likely that outside contracted support will still be necessary for an interim period of time to support strategic and operational items

Executive Director + Administrative Assistant

Estimated Cost: $207K–$320K

Implementation Timeline: 3–4 months

Primary Level of Responsibility: Strategic leadership + Admin Support

Pros
• Begins process of orientation of strategic organizational leadership sooner • Potential to engage near-term in the development of foundational organizational issues including policy, management, and contractual relationships • Minimizes future organizational leadership transitions • Faster transition away from outside consulting support needs
Cons
• May be difficult to identify and attract job candidates with the right background, expertise, and skillset • Will require more near-term effort to attract and on-board appropriate candidates • Greater Near-Term Cost • Need for setting up organizational structure to handle payroll, benefits, etc. • Long-term responsibilities of the Executive Director may not be clearly defined at this time

Association Management Company (AMC)

Estimated Cost: $96K–$180K

Implementation Timeline: 2–6 weeks

Primary Level of Responsibility: Contracted Organizational Management

Pros
• Quickly scalable to organizational needs • Likely the fastest on-boarding of broad organizational support • Additional resources to support organization such as marketing, finances, etc. • More moderate near-term cost and effort to implement • Certain RRVWSP activities may be eligible for cost-share
Cons
• May be difficult to identify contract entity with the right background and experience • Future organizational leadership transition likely still required • May not be the sole focus of the contract entity

Risk and Benefit Summary

Each option presents unique risks and benefits. The Executive Assistant offers low cost but limited leadership. The Executive Director model provides strong continuity and control but at a higher cost. The AMC offers flexibility and speed but careful scoping of services to ensure goals are met will be important.

Next Steps

The Board is encouraged to review the supporting materials, which provide detailed comparisons, implementation milestones, risk assessments, and key performance indicators (KPIs) for each scenario. The Board will have time to discuss the options and ask for additional information with the intention of making a decision at the December board meeting.

LAWA Committee Recommendations

Technical Advisory Committee

3 individuals from Fargo, 2 Individuals from Grand Forks, 2 Board Members, 2 At Large

Fargo	Dan Portlock
Fargo	Troy Hall
Fargo	Michael Redlinger (Bruce Grubb designee)
Grand Forks	Al Grasser
Grand Forks	Todd Feland
Board Member	Ann Broussard
Board Member	Dave Carlsrud
At Large	Brent Brinkman
At Large	Marc Prichard

Financial Advisory Committee

3 individuals from Fargo, 2 Individuals from Grand Forks, 2 Board Members, 2 At Large

Fargo	Susan Thompson
Fargo	Jamie Bullock
Fargo	Wyatt Papenfuss
Grand Forks	Maureen Storstad
Grand Forks	Todd Feland
Board Member	Bernie Dardis
Board Member	Tom Erdmann
At Large	Gwen Crawford
At Large	Jeremy Schuler

Lake Agassiz Water Authority

2025 Budget Analysis Statement

For the period of January 1, 2025- November 30, 2025

Income	Budget 2025	Actual as of 11.30.25	Balance of Budget
Dues Income	$ 35,000.00	$ 35,200.00	$ (200.00)
Miscellaneous	$ 140,099.00	$ 101,491.50	$ 38,607.50
Cost Share-Interim Finance	$ 6,945.00	$ 4,987.95	$ 1,957.05
Total Income	**$ 182,044.00**	**$ 141,679.45**	**$ 40,364.55**
Expenses			
Dues Expenses	$ 6,500.00	$ 6,320.00	$ 180.00
ND Water Users Association	$ 5,000.00	$ 5,000.00	$ -
ND Water Coalition	$ 1,000.00	$ 1,000.00	$ -
ND Rural Water Systems Assoc.	$ 500.00	$ 320.00	$ 180.00
Accounting	$ -	$ -	$ -
Directors Expense	$ -		$ -
Insurance	$ 550.00	$ 461.00	$ 89.00
Construction	$ -		$ -
Engineering	$ 6,945.00	$ 4,987.95	$ 1,957.05
Property Acquisiton/Easements	$ -		$ -
Admin Expense	$ 250.00	$ 83.46	$ 166.54
Legal/Prof Serv	$ 408,256.25	$ 310,370.01	$ 97,886.24
Ohnstad Twichell, P.C.	$ 187,982.00	$ 119,876.27	$ 68,105.73
AE2S	$ 181,768.00	$ 151,987.49	$ 29,780.51
Garrison Diversion - BHFS	$ 31,006.25	$ 31,006.25	$ -
Garrison Diversion - Effertz Law	$ 7,500.00	$ 7,500.00	$ -
Total Expenses	**$ 422,501.25**	**$ 322,222.42**	**$ 100,278.83**

Bank Activity

Beginning Bank Balance 1-1-25		$ 251,616.13
Income Received		$ 141,679.45
Bank Fees		$ (277.11)
Total Funds Available		**$ 393,018.47**
Check #1263 ND Water Coalition	$ 1,000.00	
Check #1264 ND Water Users	$ 5,000.00	
Check #1265 AE2S	$ 15,568.25	
Check #1266 Ohnstad Twichell	$ 16,267.77	
Check #1267 Ohnstad Twichell	$ 6,017.00	
Check #1268 Garrison Diversion (BHFS)	$ 7,687.50	
Check #1269 Garrison Diversion (Effertz Law)	$ 3,750.00	
Check #1270 AE2S	$ 10,696.32	
Check #1271 AE2S	$ 15,175.64	
Check #1272 Ohnstad Twichell	$ 4,476.50	
Check #1273 AE2S	$ 9,538.71	
Check #1274 Ohnstad Twichell	$ 2,095.50	
Check #1275 Garrison Diversion (Effertz Law)	$ 3,750.00	
Check #1276 Garrison Diversion (BHFS)	$ 7,687.50	
Check #1277 Garrison Diversion (CS 33)	$ 3,410.49	
Check #1278 AE2S	$ 11,314.58	
Check #1279 Ohnstad Twichell	$ 13,553.00	
Check #1280 Countryside Creations	$ 83.46	
Check #1281 Garrison Diversion (CS 34)	$ 979.52	
Check #1282 Ohnstad Twichell	$ 10,825.50	
Check #1283 ND Rural Water	$ 320.00	
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Check #1285 Ohnstad Twichell	$ 11,688.00	
Check #1286 AE2S	$ 9,460.75	
Check #1287 Garrison Diversion(BHFS/Bernhardt)	$ 7,751.56	
Check #1288 Insure Forward	$ 461.00	
Check #1289 Ohnstad Twichell	$ 31,162.00	
Check #1290 Ohnstad Twichell	$ 13,722.50	
Check #1291 Ohnstad Twichell	$ 10,068.50	
Check #1292 Garrison Diversion(Bernhardt)	$ 7,879.69	
Check #1293 Garrison Diversion (CS 35)	$ 91.47	
Check #1294 Garrison Diversion (CS 35)	$ 506.47	
Check #1294 AE2S	$ 59,368.17	
Total Expenses	**$ 322,222.42**	
Ending Bank Balance		**$ 70,796.05**

Lake Agassiz
Water Authority

PO Box 140, Carrington, ND 58421

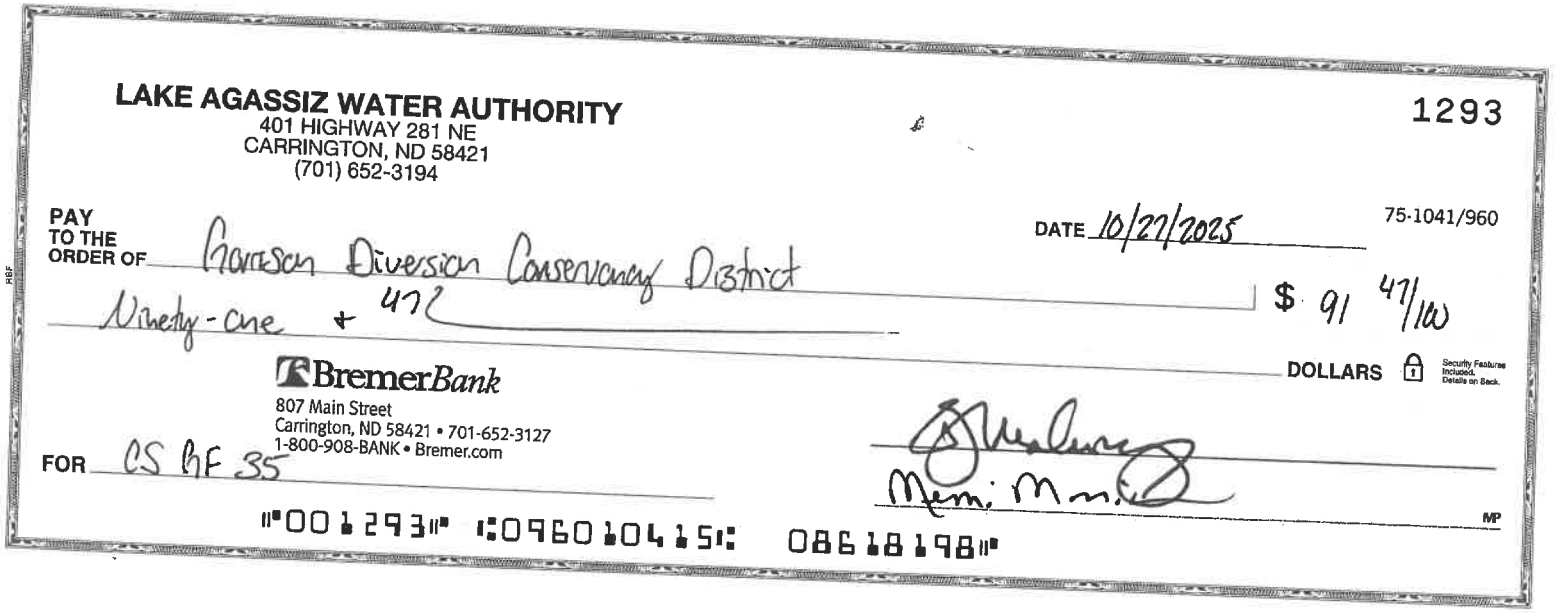
Phone 701-652-3194 Fax 701-652-3195

Cost Share Invoice -GF RRVWSP 35
RED RIVER VALLEY PROJECT
October 2025

Vendor	Invoice #	Invoice Amount	State of ND Funds 90%	from LAWA-Fargo 7.7215%	from LAWA-Grand Forks 2.2785%	Total Expenditures
Construction-MRIPS Wet Well						
Error on Prior LAWA invoices						
Invoice #7 2021 (Fargo underpaid, GF overpaid)					($57.98)	Credit remaining
Invoice #14 2022 (Fargo underpaid, GF overpaid)						
MRI Intake Pumping Station Wet Well & Bidding						
MRI Pumping Station Wet Well & Site Development CPS-2620						
MRI Screen Structure & Tunnel Design & Bidding-2330						
Black & Veatch	1478854	$6,559.21	$ 5,903.29	$ 506.47	$149.45	$ 6,559.21
Construction-Pipeline East Contract 5A			Expenditures Paid from State of ND Funds 75%	Expenditures Reimbursement from LAWA-Fargo 19%	Expenditures Reimbursement from LAWA-Grand Forks 6%	Total Expenditures
Construction-Pipeline East Contract 5A						
Transmission Pipeline Construction Phase						
Sheyenne River Outfall Discharge Structure-Bidding						
Sheyenne River Outfall Discharge Structure-Construction						
Sheyenne River Outfall Discharge Structure-CPS						
Project Planning/Admin						
Property Acquistions & Easements						
GRAND TOTALS		$6,559.21	$ 5,903.29	$ 506.47	$ 91.47	$ 6,559.21
Total Due from Grand Forks					$ 91.47	

040

Pd ✓ 1293



LAKE AGASSIZ WATER AUTHORITY
401 HIGHWAY 281 NE
CARRINGTON, ND 58421
(701) 652-3194

1293

75-1041/960

PAY TO THE ORDER OF Garrison Diversion Conservancy District

DATE 10/27/2025

$ 91 47/100

Ninety-one + 47/100

DOLLARS

Security Features Included. Details on Back.

BremerBank
807 Main Street
Carrington, ND 58421 • 701-652-3127
1-800-908-BANK • Bremer.com

FOR CS HF 35

MP

⑈001293⑈ ⑆096010415⑆ 0861818198⑈

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27

Lake Agassiz
Water Authority

PO Box 140, Carrington, ND 58421

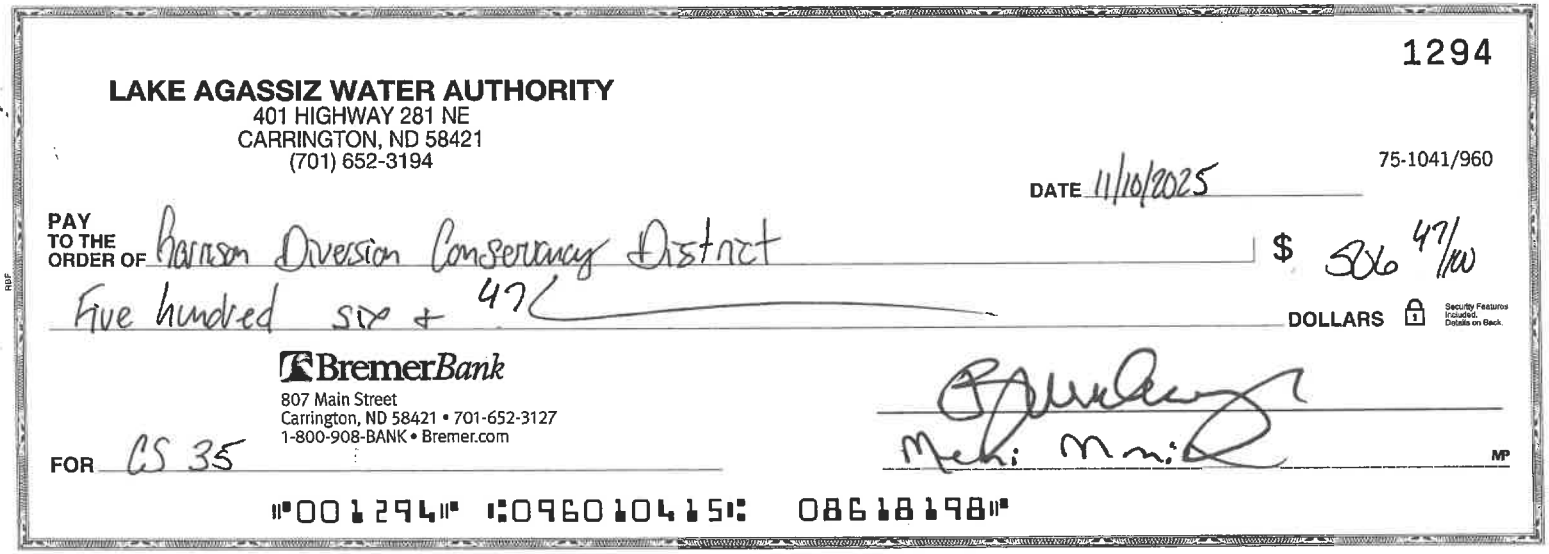
Phone 701-652-3194 Fax 701-652-3195

Cost Share Invoice -Fargo RRVWSP 35
RED RIVER VALLEY PROJECT
October 2025

Vendor	Invoice #	Invoice Amount	State of ND Funds 90%	from LAWA-Fargo 7.7215%	from LAWA-Grand Forks 2.2785%	Total Expenditures
Construction-MRIPS Wet Well						
Error on Prior LAWA invoices						
Invoice #7 2021 (Fargo underpaid, GF overpaid)					$ (57.98)	Credit remaining
Invoice #14 2022 (Fargo underpaid, GF overpaid)						
MRI Intake Pumping Station Wet Well & Bidding						
MRI Pumping Station Wet Well & Site Development CPS-2620						
MRI Screen Structure & Tunnel Design & Bidding-2330						
Black & Veatch	1478854	$6,559.21	$ 5,903.29	$ 506.47	$149.45	$ 6,559.21
Construction-Pipeline East Contract 5A			Expenditures Paid from State of ND Funds 75%	Expenditures Reimbursement from LAWA-Fargo 19%	Expenditures Reimbursement from LAWA-Grand Forks 6%	Total Expenditures
Construction-Pipeline East Contract 5A						
Transmission Pipeline Construction Phase						
Sheyenne River Outfall Discharge Structure-Bidding						
Sheyenne River Outfall Discharge Structure-Construction						
Sheyenne River Outfall Discharge Structure-CPS						
Project Planning/Admin						
Property Acquisitions & Easements						
GRAND TOTALS		$6,559.21	$ 5,903.29	$ 506.47	$ 91.47	$6,559.21
Total Due from Fargo				$ 506.47		

OLa

Paid ✓ 1294



1294

LAKE AGASSIZ WATER AUTHORITY
401 HIGHWAY 281 NE
CARRINGTON, ND 58421
(701) 652-3194

75-1041/960

DATE 11/10/2025

PAY TO THE ORDER OF Harrison Diversion Conservancy District $ 506 47/100

Five hundred six + 47/100 DOLLARS

Security Features Included. Details on Back.

BremerBank
807 Main Street
Carrington, ND 58421 • 701-652-3127
1-800-908-BANK • Bremer.com

FOR CS 35

Mehi Mmi

MP

⑈001294⑈ ⑆096010415⑆ 08618198⑈

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Mr. Duane DeKrey
Lake Agassiz Water Authority
PO Box 140
Carrington, ND 58421

October 21, 2025
Project No: P00214-2024-001
Invoice No: 106547

Project Manager Brent Bogar
Project P00214-2024-001 2025 Legislative Strategy Support
Professional Services for the period: September 13, 2025 to October 10, 2025
Phase 130 Communications Services

Professional Services

		Hours	Rate	Amount	
Bogar, Brent		205.25	269.00	55,212.25	
Kraft, Rachel		.25	172.00	43.00	
	Totals	205.50		55,255.25	
	Professional Services Total				**55,255.25**
Reimbursables					
Lodging				842.42	
Meals				217.25	
	Reimbursables Totals			**1,059.67**	**1,059.67**
Expenses					
Transportation					
6/26/2025	Bogar, Brent	400.0 Miles @ 0.75		300.00	
7/16/2025	Bogar, Brent	469.0 Miles @ 0.75		351.75	
7/28/2025	Bogar, Brent	158.0 Miles @ 0.75		118.50	
8/6/2025	Bogar, Brent	390.0 Miles @ 0.75		292.50	
8/19/2025	Bogar, Brent	390.0 Miles @ 0.75		292.50	
8/27/2025	Bogar, Brent	414.0 Miles @ 0.75		310.50	
9/10/2025	Bogar, Brent	410.0 Miles @ 0.75		307.50	
Transportation Costs -	Cirrus				
7/28/2025	Brent B	1.3 Hours @ 300.00		390.00	
7/30/2025	Brent B	2.3 Hours @ 300.00		690.00	
	Expenses Totals			**3,053.25**	**3,053.25**

Please make checks payable to: Advanced Engineering and Environmental Services, LLC • 4050 Garden View Dr, Ste 200, Grand Forks, ND 58201

We accept most major credit cards for payment: a 3.5% convenience fee will be added to all credit card transactions.
To pay by credit card please call 701-746-8087.

Paid ✓ 1295

Project	P00214-2024-001	LAWA 2025 Legislative Strategy Support	Invoice	106547

Contract Maximum	Current Billing Against Maximum	Previous Billings Against Maximum	Total Billings To Date
Total Billings	59,368.17	144,701.13	204,069.30
Maximum			233,778.00
Remaining			29,708.70

Phase Total	**59,368.17**
Project Invoice Total	**59,368.17** BLG

Invoice Summary:
- LAWA leadership coordination
- LAWA Board meeting
- GDCD Board meeting
- Meetings with Attorneys
- Series F Coordination
- Coordination with attorneys
- Updates with GDCD & BV on projects
- Update and coordination with DWR

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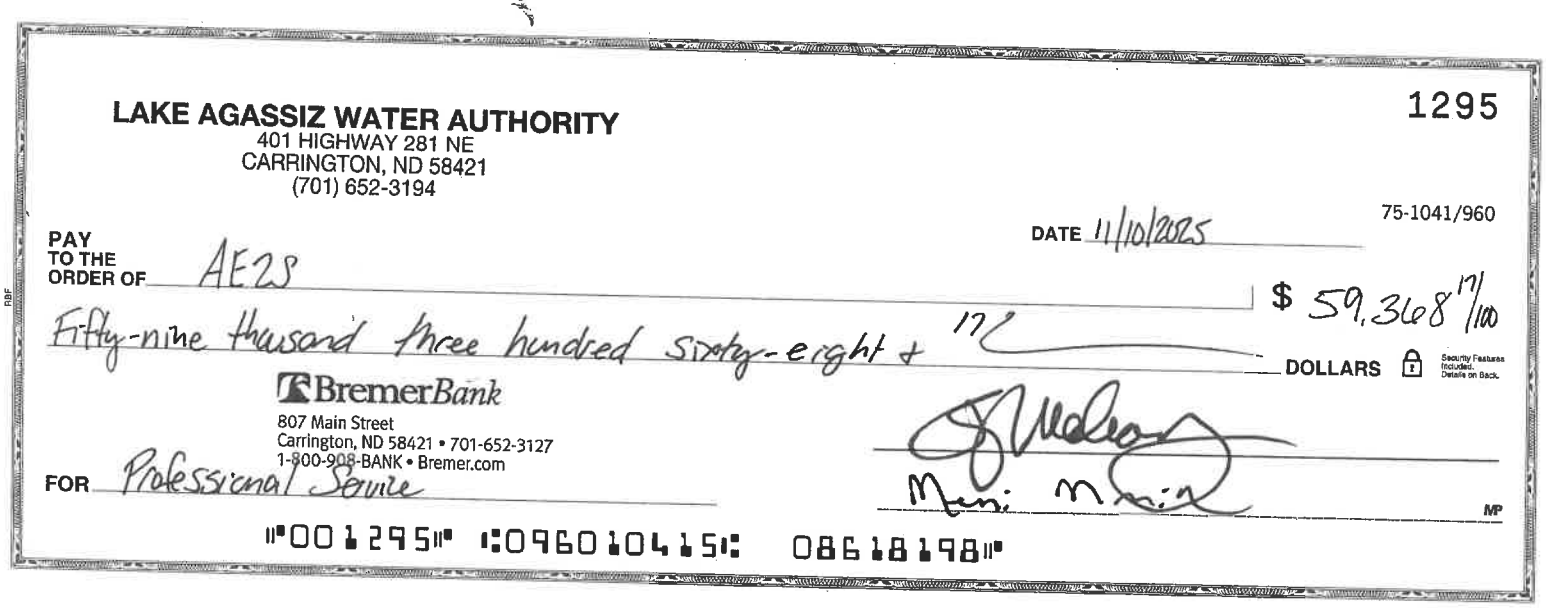

LAKE AGASSIZ WATER AUTHORITY
401 HIGHWAY 281 NE
CARRINGTON, ND 58421
(701) 652-3194

1295

75-1041/960

PAY TO THE ORDER OF AE2S

DATE 11/10/2025

$ 59,368 17/100

Fifty-nine thousand three hundred sixty-eight + 17?

DOLLARS

Security Features Included. Details on Back.

BremerBank
807 Main Street
Carrington, ND 58421 • 701-652-3127
1-800-908-BANK • Bremer.com

FOR Professional Service

MP

⑈001295⑈ ⑆096010415⑆ 086181981⑈

RBF

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Lake Agassiz Water Authority

Name	2017 Dues	2017 Cost Share	2018 Cost Share	2018 Dues	2019 Dues	2020 Dues	2021 Dues	2022 Dues	2023 Dues	2024 Dues	2025 Dues
City of Aneta											
City of Argusville											
City of Binford				$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	100.00	$ 100.00	$ 100.00
City of Briarwood	$100.00			$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	100.00	$ 100.00	$ 100.00
City of Buffalo	$250.00			$ 250.00	$ 250.00	$ 250.00		$ 250.00	250.00	$ 250.00	$ 250.00
City of Buxton											
City of Carrington				$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Casselton	$250.00										
City of Clifford	$100.00			$ 100.00	$ 100.00	$ 100.00	$ 100.00		100.00		
City of Colfax	$100.00			$ 100.00		$ 100.00	$ 100.00	$ 100.00			$ 250.00
City of Cooperstown	$250.00	$1,758.60		$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Davenport	$100.00			$ 100.00	$ 250.00		$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Devils Lake		$8,793.00		$ 500.00	$ 2,000.00						
City of Drayton											
City of East Grand Forks	$2,000.00	$18,465.30		$2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	2,000.00	$ 2,000.00	$ 2,000.00
City of Emerado						$ 100.00					
City of Enderlin	$250.00			$ 250.00							
City of Fairmount								$ 250.00	250.00	$ 250.00	
City of Fargo	$4,000.00	$648,044.10	$87,930.00	$4,000.00	$ 4,000.00	$ 4,000.00	$ 4,000.00	$ 4,000.00	4,000.00	$ 4,000.00	$ 4,000.00
City of Forman	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Galesburg	$100.00						$ 100.00	$ 100.00	100.00	$ 100.00	$ 100.00
City of Gilby											
City of Grafton	$2,000.00	$17,586.00		$2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	2,000.00	$ 2,000.00	$ 2,000.00
City of Grand Forks	$4,000.00	$228,618.00		$4,000.00	$ 4,000.00	$ 4,000.00	$ 4,000.00		4,000.00	$ 4,000.00	$ 4,000.00
City of Grandin	$100.00			$ 250.00		$ 100.00		$ 100.00			
City of Gwinner				$ 250.00	$ 100.00		$ 100.00	$ 250.00	100.00	$ 100.00	$ 100.00
City of Hannaford		$439.65									
City of Havana						$ 100.00	$ 100.00	$ 100.00	100.00	$ 100.00	$ 100.00
City of Hillsboro	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 500.00
City of Hope	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	
City of Horace				$ 250.00	$ 250.00				250.00		
City of Hunter	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	
City of Kindred	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00		
City of Langdon				$ 500.00	$ 500.00						
City of Larimore		$2,637.90		$ 250.00	$ 250.00	$ 250.00	$ 250.00				
City of Lisbon	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Mantador											
City of Manvel	$100.00			$ 100.00	$ 100.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Mapleton	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of Mayville	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	250.00	$ 250.00	$ 250.00
City of McVille				$ 250.00	$ 250.00		$ 250.00	$ 250.00	250.00		
City of Minto	$100.00				$ 100.00	$ 100.00					

Name	2017 Dues	2017 Cost Share	2018 Cost Share	2018 Dues	2019 Dues	2020 Dues	2021 Dues	2022 Dues	2023 Dues	2024 Dues	2025 Dues
City of Mooreton	$100.00			$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	100.00	$ 100.00	$ 100.00
City of Mountain	$100.00			$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	100.00	$ 100.00	$ 100.00
City of Munich											
City of Neche											
City of Nekoma											
City of Oxbow	$100.00			$ 100.00	$ 100.00	$ 100.00					
City of Park River	$250.00	$3,517.20		$ 250.00	$ 250.00	$ 250.00	$ 250.00		250.00	$ 250.00	
City of Pillsbury											
City of Sibley	$100.00			$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	100.00	$ 100.00	
City of Tuttle	$100.00	$175.86									
City of Valley City	$2,000.00	$13,189.50		$2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	2,000.00	$ 2,000.00	$ 2,000.00
City of Wahpeton	$2,000.00			$2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00				$ 2,000.00
City of West Fargo	$4,000.00			$4,000.00		$ 4,000.00	$ 4,000.00	$ 4,000.00	4,000.00	$ 4,000.00	$ 4,000.00
Richland County JDA											
Agassiz Water Users District	$500.00	$8,793.00		$ 500.00	$ 500.00		$ 500.00	$ 500.00	500.00		$ 500.00
Barnes Rural Water District	$500.00	$4,396.50		$ 500.00		$ 500.00	$ 500.00				
Dakota Rural Water District	$250.00			$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 500.00	500.00	$ 500.00	$ 500.00
Cass Rural Water Users District	$4,000.00			$4,000.00	$ 4,000.00	$ 4,000.00	$ 4,000.00	$ 4,000.00	4,000.00	$ 4,000.00	$ 4,000.00
Central Plains Water District	$500.00	$5,275.80									
East Cental Regional Water District											
Grand Forks Traill Water District		$26,379.00									
Greater Ramsey Water District	$500.00	$8,793.00		$ 500.00	$ 500.00						
Langdon Rural Water District											
McLean Sheridan Rural Water		$3,693.06			$ 250.00	$ 250.00	$ 500.00	$ 500.00	500.00	$ 500.00	$ 500.00
Moorhead Public Service										$ 4,000.00	$ 4,000.00
Northeast Reg. Water District	$500.00			$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	500.00	$ 500.00	$ 500.00
North Valley Water District											
Ransom-Sargent Water Users											
South Central Reg. Water Dist		$4,396.50									
Southeast Water Users District	$500.00	$21,982.50		$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	500.00	$ 500.00	$ 500.00
Stutsman Rural Water District	$500.00	$131,895.00		$ 500.00	$ 500.00		$ 500.00	$ 500.00	500.00	$ 500.00	$ 500.00
Traill Rural Water District		$9,672.30		$ 250.00							
Tri-County Rural Water District	$250.00	$8,793.00		$ 250.00							
Walsh Rural Water District	$500.00				$ 1,000.00		$ 1,000.00	$ 500.00	500.00	$ 500.00	$ 500.00
TOTAL	**$33,050.00**	**$1,177,294.77**	**$87,930.00**	**$34,250.00**	**$31,500.00**	**$ 30,700.00**	**$ 33,000.00**	**$ 26,400.00**	**30,650.00**	**$ 33,300.00**	**$ 35,200.00**

Memorandum

To: LAWA Board of Directors
From: Brent Bogar, Katie Schmidt
Date: 11/3/2025
Subject: Staffing Scenarios for LAWA – Informational Overview

Purpose

As part of the scope of work with my existing agreement, I have been working on a plan for staffing implementation options for the board to consider for the Lake Agassiz Water Authority (LAWA). The initial goal of these staffing options is to:

1- Begin to transition LAWA into a more fully functional organization to support the growing demands associated with implementation of the Red River Valley Water Supply Project (RRVWSP).
2- Provide support to LAWA membership in representing their interests in the RRVWSP as the project progresses towards operational start-up and the associated on-going project administrative and management requirements.

This memorandum provides an informational overview of three staffing scenarios that have been developed working with others for your consideration. The goal is to support the Board in evaluating options that align with LAWA's operational needs, budgetary constraints, and long-term strategic goals.

Overview of Staffing Implementation Scenarios

1. Executive Assistant

Provides administrative support to the Board, including membership coordination, meeting coordination, documentation, and general office management.

2. Executive Director + Administrative Assistant

Includes a full-time Executive Director responsible for strategic leadership, financial oversight, and stakeholder engagement, supported by an Administrative Assistant.

3. Association Management Company (AMC)

Provides contracted services including governance, financial management, and operational support through a team of professionals.

Key Considerations

It is recognized with the options being considered that there are key differences in the near-term and long-term viability of each option. The below is meant to highlight a few of these differences and assist the board in determining which option is best suited to initially stand-up LAWA independent staffing and organization management.

Executive Assistant:

Estimated Cost: $62k-$87k

Implementation Timeline: 6-8 weeks

Primary Level of Responsibility: Administrative Support

Pros
• Fast Implementation • Lower Near-term Cost • Flexible role to support organizational needs • Potential to plan more methodically for long-term Executive Director role
Cons
• Delays on-boarding of strategic leadership at key implementation point in the RRVWSP • Requires more board engagement in daily activities for direction • Likely that outside contracted support will still be necessary for an interim period of time to support strategic and operational items

Executive Director + Administrative Assistant

Estimated Cost: $207K–$320K

Implementation Timeline: 3–4 months

Primary Level of Responsibility: Strategic leadership + Admin Support

Pros
• Begins process of orientation of strategic organizational leadership sooner • Potential to engage near-term in the development of foundational organizational issues including policy, management, and contractual relationships • Minimizes future organizational leadership transitions • Faster transition away from outside consulting support needs
Cons
• May be difficult to identify and attract job candidates with the right background, expertise, and skillset • Will require more near-term effort to attract and on-board appropriate candidates • Greater Near-Term Cost • Need for setting up organizational structure to handle payroll, benefits, etc. • Long-term responsibilities of the Executive Director may not be clearly defined at this time

Association Management Company (AMC)

Estimated Cost: $96K–$180K

Implementation Timeline: 2–6 weeks

Primary Level of Responsibility: Contracted Organizational Management

Pros
• Quickly scalable to organizational needs • Likely the fastest on-boarding of broad organizational support • Additional resources to support organization such as marketing, finances, etc. • More moderate near-term cost and effort to implement • Certain RRVWSP activities may be eligible for cost-share
Cons
• May be difficult to identify contract entity with the right background and experience • Future organizational leadership transition likely still required • May not be the sole focus of the contract entity

Risk and Benefit Summary

Each option presents unique risks and benefits. The Executive Assistant offers low cost but limited leadership. The Executive Director model provides strong continuity and control but at a higher cost. The AMC offers flexibility and speed but careful scoping of services to ensure goals are met will be important.

Next Steps

The Board is encouraged to review the supporting materials, which provide detailed comparisons, implementation milestones, risk assessments, and key performance indicators (KPIs) for each scenario. The Board will have time to discuss the options and ask for additional information with the intention of making a decision at the December board meeting.

RED RIVER VALLEY WATER SUPPLY PROJECT

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 Payments**[4] 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			

RED RIVER VALLEY WATER SUPPLY PROJECT

Lake Agassiz Water Authority

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** Scope: Construction and construction phase services for initial project at greenfield stie. Need: Prepare site and ready it for future construction of the biota water treatment plant.	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* Apr-26 Apr-26	Prof Srvs Const							$ 1.90 $ 19.00	$ 1.43 $ 14.25	$ 0.48 $ 4.75
9.	**McClusky Facilities Intake, Tunnel, & Shaft Liner Ct 2** 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.	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* Jan-26	Prof Srvs Const	$ 2.00	$ 1.50	$ 0.50						
10.	**McClusky Facilities Utility Extensions Design** 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.	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* Jan-26	Prof Srvs	$ 1.50	$ 1.13	$ 0.38				$ 3.00	$ 2.25	$ 0.75
11.	**PMIS Annual Licenses & Continued Maint/Upgrades** 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.	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* Sep-25	Prof Srvs				$ 0.69	$ 0.52	$ 0.17			
12.	**Program Management Support** 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.	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	*TO 1610* Oct-25	Prof Srvs				$ 0.75	$ 0.56	$ 0.19			
13.	**Project Participation Agreement Support** 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.	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* Oct-25	Prof Srvs				$ 2.00	$ 1.50	$ 0.50			
14.	**Operational Planning Phase 4** 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.	Refine details of diversions to/from Lake Ashtabula. Finalize stakeholder roles and responsibilities as it relates to system operation.	*TO 1620* Oct-25	Prof Srvs				$ 1.50	$ 1.13	$ 0.38			

RED RIVER VALLEY WATER SUPPLY PROJECT

Lake Agassiz Water Authority

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** 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.	*TO 8610* Oct-25	Prof Srvs				$ 0.60	$ 0.45	$ 0.15			
16.	**Contingency** 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.	Budget flexibility to adapt to work plan changes and to pay for construction change orders typically running from 3 to 5% of original construction costs at bid time.	N/A	GDCD	$ 0.93	$ 0.70	$ 0.23	$ 0.44	$ 0.33	$ 0.11	$ 18.38	$ 13.78	$ 4.59
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.

CHANGE ORDER

Change Order No. 7 - Final

DATE OF ISSUANCE December 19, 2025 EFFECTIVE DATE December 19, 2025

Owner: Garrison Diversion Conservancy District
Contractor: Garney Companies
Project: Red River Valley Water Supply Project, Transmission Pipeline East
Owner's Contract No.: 5B
Owner's Task Order No.: 5532

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

Change Order Requests (CORs) Description:

	Amount	Days
1. 2024 Crop Damage Reimbursement	($66,837.02)	--
2. 2025 Crop Damage Reimbursement	($36,343.51)	--
Subtotal	*($103,180.53)*	--
3. COR13: Deflected Pipe Credit (>2%)	($11,000.00)	--
4. COR16: ROW Drainage July 2024	$13,572.63	2
5. COR 26 ROW Drainage Aug 2024	$10,834.50	--
6. COR29: ROW Drainage Sept 2024	$10,566.31	--
7. COR32: ROW Drainage Oct 2024	$10,834.50	--
8. COR35: ROW Drainage Nov 2024	$9,371.88	--
Subtotal	*$55,179.82*	*2*
9. COR37: Offs Dwtr Disch F-May '25	$114,757.82	6
10. COR41: Offs Dwtr Disch Jun '25	$51,089.63	4
11. COR44: Offs Dwtr Disch Jul-O '25	$153,633.66	13
Subtotal	*$319,481.11*	*23*

	Amount	Days
12. COR38 Road Maintenance May 2025	$47,230.76	--
13. COR43 Road Maintenance Jun-Sept 2025	$36,288.50	--
Subtotal	*$83,519.26*	--
14. COR39 Cathodic Protection System RMU	$14,137.88	--
15. COR40 Access Drive Modifications	($54,685.99)	--
16. COR42 Topsoil Maintenance June 2025	$2,289.60	--
17. COR45 Topsoil Maintenance Aug 2025	$572.40	--
Subtotal	*$2,862.00*	--
18. 2023-24 Winter Season Ext (10/31/23 to 4/30/24)	--	182
19. Additional Inspection & Const Admin	($768,000.00)	--
20. Reconciliation Bid Items 14, 19, 20, 22, 32 to Actual Quantities	($277,170.00)	--
GRAND TOTAL CHANGE ORDER NO. 7	**($738,856.45)**	**207**

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

CHANGE IN CONTRACT PRICE:

Original Contract Price:

$45,961,700.00

Increase from previously approved Change Order Nos. 1 to 6:

$2,575,668.87

Contract Price prior to this Change Order:

$48,537,368.87

Decrease 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, 2023
Ready for final payment: November 29, 2023
(days or dates)

Increase from previously approved Change Order Nos.1 to 6:

Substantial Completion: 122
Ready for final payment: 122
(days)

Contract Times prior to this Change Order:

Substantial Completion: January 30, 2024
Ready for final payment: March 30, 2024
(days or dates)

Increase of this Change Order:

Substantial Completion: 207
Ready for final payment: 207
(days)

Contract Times with all approved Change Orders:

Substantial Completion: August 24, 2024
Ready 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: _____

CHANGE ORDER

Change Order No. 2

DATE OF ISSUANCE December 19, 2025 EFFECTIVE DATE December 19, 2025

Owner: Garrison Diversion Conservancy District

Contractor: Oscar Renda Contracting, Inc.

Project: Red River Valley Water Supply Project, Transmission Pipeline East

Owner's Contract No.: 5C

Owner'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)	($581,317.60)
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:	October 31, 2025
Substantial Completion:	May 29, 2026
Ready for final payment:	July 31, 2026

(days or dates)

Change from previously approved Change Order No. 1:

Milestone Completion:	0
Substantial Completion:	0
Ready for final payment:	0

(days)

Contract Times prior to this Change Order:

Milestone Completion:	October 31, 2025
Substantial Completion:	May 29, 2026
Ready for final payment:	July 31, 2026

(days or dates)

Increase of this Change Order:

Milestone Completion:	241
Substantial Completion:	90
Ready for final payment:	60

(days)

Contract Times with all approved Change Orders:

Milestone Completion:	June 29, 2026
Substantial Completion:	August 27, 2026
Ready for final payment:	September 29, 2026

(days or dates)

ACCEPTED:

By: _____
Owner (Authorized Signature)

Printed: Duane DeKrey

Title: General Manager

Date: _____

ACCEPTED:

By: _____
Contractor (Authorized Signature)

Printed: _____

Title _____

Date: _____

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.

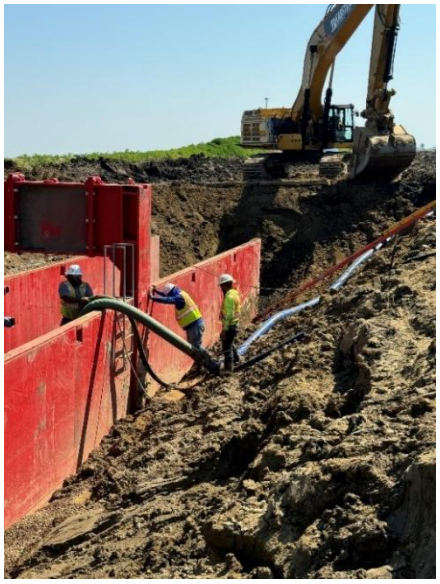
Contract 5C

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	

BLACK & VEATCH

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, GDCD; Mr. Kip Kovar, GDCD; Mr. Paul Boersma, BV; File

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.

	Liquidated Damages per Day
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:	CONTRACTOR:
Garrison Diversion Conservancy District	
_____	_____
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:	Address for giving notices:
401 Hwy 281 NE Carrington, ND 58421	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: 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.	Garrison Diversion Conservancy District
(Contractor)	(Owner)
Received by:	Given by:
Signature	Signature
Print Name, Title	Duane DeKrey, General Manager Name, Title
Date	Date

cc: Kip Kovar, GDCD
Kurt Ronnekamp, BV

BLACK & VEATCH

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, GDCD
Mr. Kip Kovar, GDCD
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, 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, 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.

	Liquidated Damages per Day
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.

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1. This Agreement (pages 1 to 11, inclusive).

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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:

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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:	CONTRACTOR:
Garrison Diversion Conservancy District	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:	Address for giving notices:
401 Hwy 281 NE Carrington, ND 58421	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.	Garrison Diversion Conservancy District
(Contractor)	(Owner)
Received by:	Given by:
Signature	Signature
Print Name, Title	Duane DeKrey, General Manager Name, Title
Date	Date

cc: Kip Kovar, GDCD
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

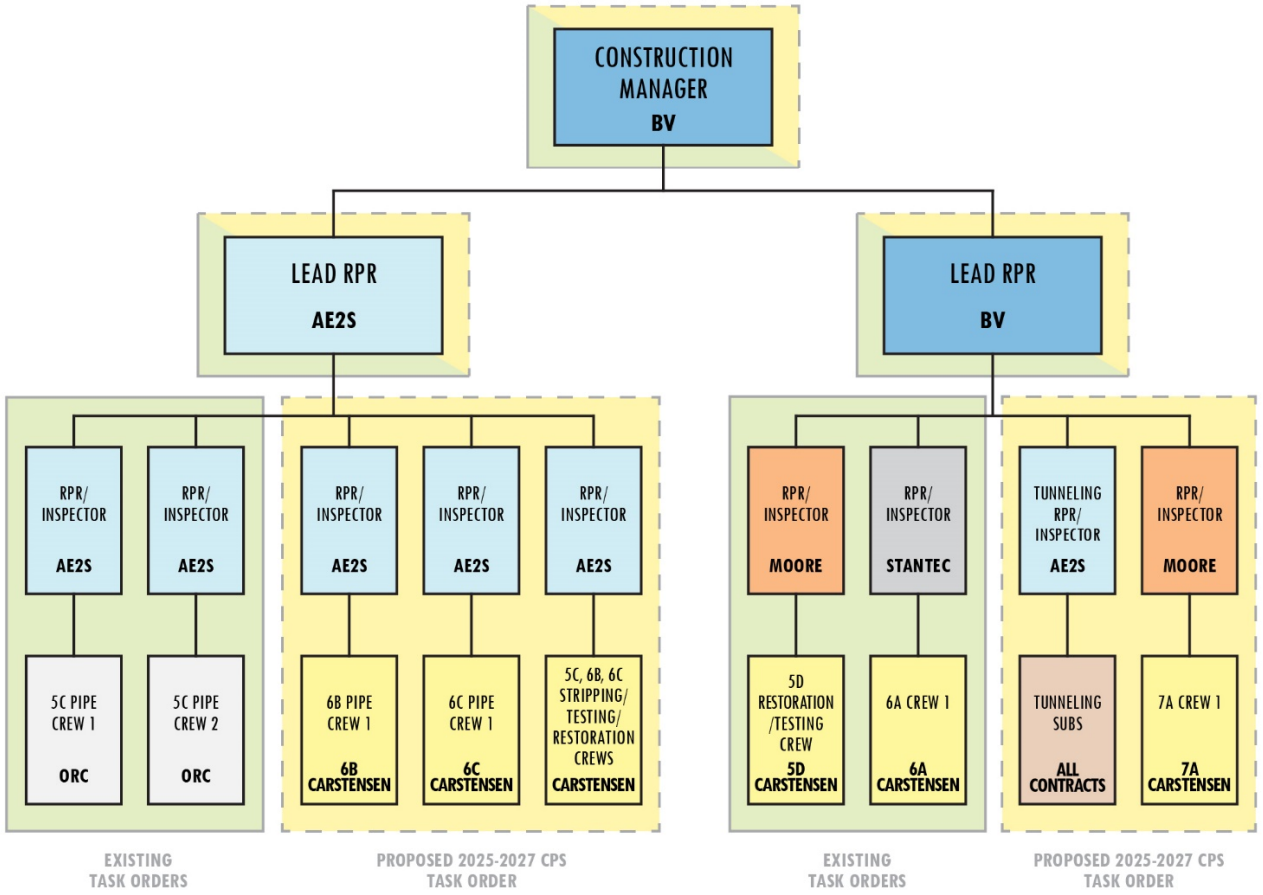
- EXISTING TASK ORDERS
- PROPOSED 2025-2027 CPS TASK ORDER
- JOINT EXISTING, PROPOSED, & FUTURE TASK ORDERS

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
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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 (GDCD, 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.

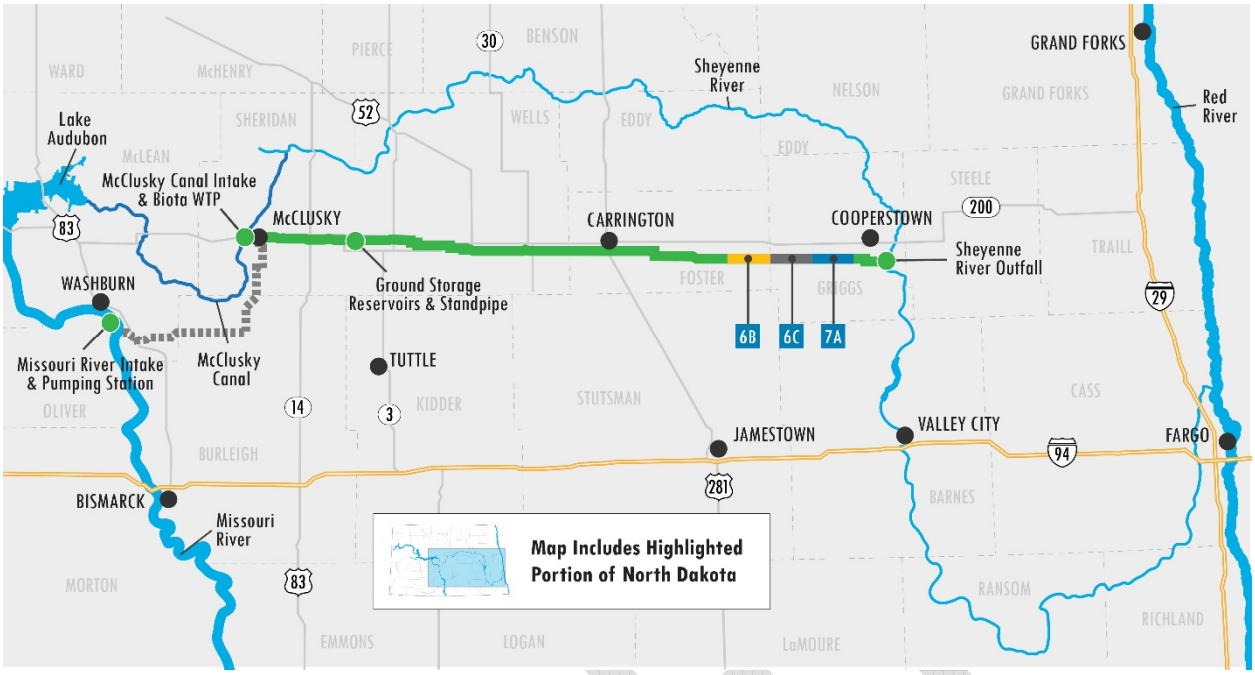


Figure 1 – Map of Transmission Pipeline Contracts

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 re-placement 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 scheduled 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:

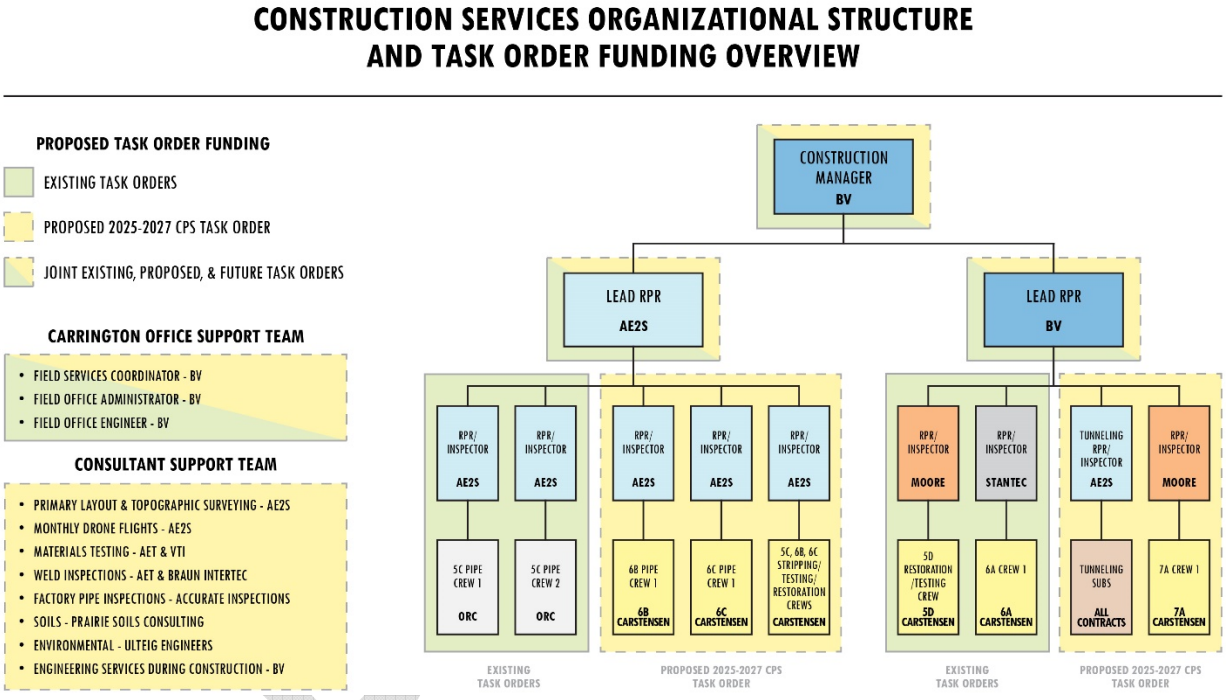


Figure 2 – Construction Observation Field Staffing and Organization

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: _____	By: _____
Duane DeKrey, General Manager Garrison Diversion Conservancy District	Paul Boersma, Vice President Black & Veatch Corporation
Dated: _____	Dated: _____

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 Srvs**	**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**

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	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 (18)		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 (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 6C																								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

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 7A
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 / Task Description	PMVI PIC	PMV Project Manager	ENGII Engineer II	GISII GISIII	GISI GISI	PMIII Senior Surveyor	LS2 Surveyor 2	LSIII Surveyor 3	CSIII Lead RPR	CSII Pipeline RPR	CSI Pipeline RPR	CSIII Tunnel RPR	COMIII Comm Spec	ADMIII Administrative	Labor Detail AE2S Level of Effort (hrs)	Labor Detail Labor Cost	Expense Detail Travel	Expense Detail Lodging & Per Diem	Expense Detail Survey Equip	Total Expense	TOTAL AE2S Level of Effort (hrs)	TOTAL 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 / Task Description	PMVI / PIC	PMV / Project Manager	ENGII / Engineer II	GISII / GISIII	GISI / GISI	PMIII / Senior Surveyor	LS2 / Surveyor 2	LSIII / Surveyor 3	CSIII / Lead RPR	CSII / Pipeline RPR	CSI / Pipeline RPR	CSIII / Tunnel RPR	COMIII / Comm Spec	ADMIII / Administrative	Labor Detail / AE2S Level of Effort (hrs)	Labor Detail / Labor Cost	Expense Detail / Travel	Expense Detail / Lodging & Per Diem	Expense Detail / Survey Equip	Total Expense	TOTAL / AE2S Level of Effort (hrs)	TOTAL / 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	Task Description	Position	TOTAL Direct Expense	TOTAL 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 / Task Description	TOTAL Direct Expense	TOTAL 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**

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)

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 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.	Series D	GDCD				$ 1.00	$ 0.75	$ 0.25			
2.	**Property, Easements, and Crop Damage Payments[4]** 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 $ 2.00	$ 0.37 $ 1.50	$ 0.12 $ 0.50	$ 2.21 $ 0.78	$ 1.66 $ 0.59	$ 0.55 $ 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 Srvs** **Const, 2026 Fin**							**$ 5.64** **$ 76.66**	**$ 4.23** **$ 57.50**	**$ 1.41** **$ 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 Srvs** **Const, 2026 Fin**							**$ 5.47** **$ 59.38**	**$ 4.10** **$ 44.53**	**$ 1.37** **$ 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 Srvs** **Const, 2027 Fin**							**$ 5.47** **$ 52.53**	**$ 4.10** **$ 39.40**	**$ 1.37** **$ 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 Hurdsfield at HBTs.**	**Series D** **Feb-24**	**Prof Srvs**				**$ 7.18**	**$ 5.39**	**$ 1.80**			

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)

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 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).	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 Srvs				$ 2.93	$ 2.19	$ 0.73			
9.	McClusky Canal Intake and Pumping Station 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.	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 Srvs	$ 0.75	$ 0.56	$ 0.19						
10.	Biota Water Treatment Plant and Main Pumping Station 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.	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 Srvs	$ 2.87	$ 2.15	$ 0.72						
11.	Hydraulic Break Tanks 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.	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 Srvs	$ 0.37	$ 0.28	$ 0.09						
12.	PMIS Annual Licenses & Continued Maint/Upgrades 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.	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 Srvs				$ 0.50	$ 0.37	$ 0.12			
13.	Prg Mgmt to Support Larger Spend and Expanded Team 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.	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	Series D Aug-23	Prof Srvs				$ 0.65	$ 0.49	$ 0.16			
14.	Outreach, Plng, and Design to Secure User Commitments 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.	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 Srvs				$ 1.69	$ 1.27	$ 0.42			

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)

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 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.	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			
16.	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.	Series D Aug-23	Prof Srvs				$ 0.59	$ 0.44	$ 0.15			
17.	McClusky Canal Hydraulic & Water Quality Investigation Scope: Study and report on operation of the McClusky Canal to reliably supply flow to irrigators and the ENDAWS project. Need: The McClusky Canal and the Snake Creek Pumping Plant are critial components of the ENDAWS/RRVWSP system.	Evaluate canal improvements necessary to deliver flows. Develop operational plan to supply irrigators and ENDAWS/RRVWPS system while improving delivered water quality.	Series E Apr-25	Prof Srvs	$ 0.44	$ 0.33	$ 0.11						
18.	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.	Series E Apr-25	Prof Srvs	$ 0.88	$ 0.66	$ 0.22						
19.	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.	Series D Apr-25	Prof Srvs		$ -	$ -	$ 0.87	$ 0.65	$ 0.22			
20.	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 charicterization, sampling and testing; and reporting to fully inform design team and contractors of on-site insitu soil charactersitics.	Series E Apr-25	Prof Srvs	$ 0.89	$ 0.66	$ 0.22						
21.	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.	Series E Apr-25	Prof Srvs	$ 1.78	$ 1.34	$ 0.45						

RED RIVER VALLEY WATER SUPPLY PROJECT

Lake Agassiz Water Authority

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 $)[1,2,3]		
					Total	Fed/Sta 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
22.	**ENDAWS Transmission Pipeline Contract 1** **Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.** **Need: Have next pipeline section bid-ready so when Federal funding is secured/allocated construction can proceed.**	**11± mi of 72" pipeline, including uup to five 96" diameter tunnels. Pipeline extends from BWTP at McClusky Canal east to ND Highway 14 connection point with Contract 2.**	**Series E** **Apr-25**	**Prof Srvs**	**$ 1.95**	**$ 1.46**	**$ 0.49**						
23.	***Contingency*** *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.*	*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* *Series E*	*RRVWSP* *MR&I*	*$ -*	*$ -*	*$ -*	*$ -*	*$ -*	*$ -*	*$ 6.30* *$ 0.06*	*$ 4.72* *$ 0.05*	*$ 1.57* *$ 0.02*
TOTAL PROGRAM BUDGET					**$ 15.48**	**$ 11.61**	**$ 3.87**	**$ 19.02**	**$ 14.27**	**$ 4.76**	**$ 211.50**	**$ 158.62**	**$ 52.87**

Notes:

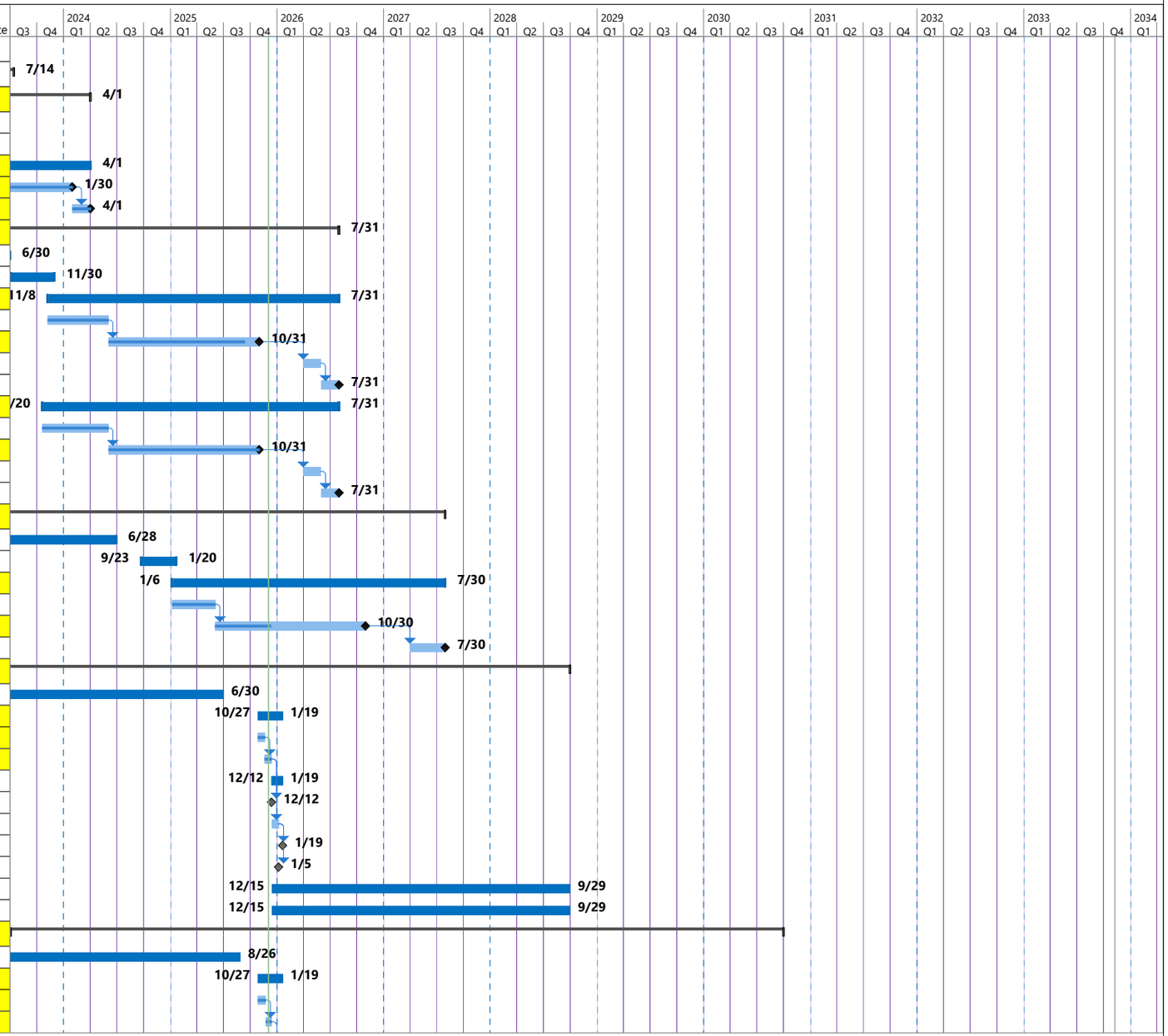
1. Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
2. Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
3. Future capital costs are escalated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

2024-2034 Schedule
Red River Valley Water Supply Project

25-12 GDCD RRVWSP 2024-34 Schedule

Wed 12/3/25

ID	Task Name	Duration	Start	Finish	% Complete
1	**EARLY-OUT PROJECTS**	**497 days**	**Mon 10/19/20**	**Tue 9/13/22**	**100%**
32	**MRI, SCREEN STRUCTURE & TUNNEL, CT 2**	**727 days**	**Thu 10/1/20**	**Fri 7/14/23**	**100%**
48	**TRANSMISSION PIPELINE EAST, CT 5B**	**718 days**	**Thu 7/1/21**	**Mon 4/1/24**	**100%**
49	**Final Design Wrap-up**	**107 days**	**Thu 7/1/21**	**Fri 11/26/21**	**100%**
52	**Bidding Assistance & Award**	**65 days**	**Mon 11/29/21**	**Fri 2/25/22**	**100%**
59	**Construction 5B - Garney (8.8 miles)**	**546 days**	**Mon 2/28/22**	**Mon 4/1/24**	**100%**
60	Substantial Completion	502 days	Mon 2/28/22	Tue 1/30/24	100%
61	Final Completion	44 days	Wed 1/31/24	Mon 4/1/24	100%
62	**TRANSMISSION PIPELINE EAST, CTS 5C&D**	**1261 days**	**Fri 10/1/21**	**Fri 7/31/26**	**88%**
63	**Final Design Wrap-up**	**456 days**	**Fri 10/1/21**	**Fri 6/30/23**	**100%**
67	**Bidding Assistance & Award**	**109 days**	**Mon 7/3/23**	**Thu 11/30/23**	**100%**
74	**Construction 5C - Oscar Renda (8.1 miles)**	**713 days**	**Wed 11/8/23**	**Fri 7/31/26**	**79%**
75	Initial Pipe Submittals, Fab, & Delivery	148 days	Wed 11/8/23	Fri 5/31/24	100%
76	Pipe Installation	370 days	Mon 6/3/24	Fri 10/31/25	90%
77	Testing and Substantial Completion	43 days	Wed 4/1/26	Fri 5/29/26	0%
78	Final Completion	45 days	Mon 6/1/26	Fri 7/31/26	0%
79	**Construction 5D - Carstensen (10.0 miles)**	**726 days**	**Fri 10/20/23**	**Fri 7/31/26**	**86%**
80	Initial Pipe Submittals, Fab, & Delivery	161 days	Fri 10/20/23	Fri 5/31/24	100%
81	Pipe Installation	370 days	Mon 6/3/24	Fri 10/31/25	100%
82	Testing and Substantial Completion	43 days	Wed 4/1/26	Fri 5/29/26	0%
83	Restoration and Final Completion	45 days	Mon 6/1/26	Fri 7/31/26	0%
84	**RRV TRANSMISSION PIPELINE, CT 6A**	**1500 days**	**Mon 11/1/21**	**Fri 7/30/27**	**70%**
85	**Final Design**	**695 days**	**Mon 11/1/21**	**Fri 6/28/24**	**100%**
90	**Bidding Assistance & Award**	**86 days**	**Mon 9/23/24**	**Mon 1/20/25**	**100%**
97	**Construction - Carstensen (7.1 miles)**	**670 days**	**Mon 1/6/25**	**Fri 7/30/27**	**43%**
98	Submittals; Initial Pipe Fab & Delivery	106 days	Mon 1/6/25	Mon 6/2/25	100%
99	Pipe Installation	369 days	Tue 6/3/25	Fri 10/30/26	37%
100	Testing, Final Restoration, & Cleanup	87 days	Thu 4/1/27	Fri 7/30/27	0%
101	**RRV TRANSMISSION PIPELINE, CTS 6B&C**	**1805 days**	**Mon 11/1/21**	**Fri 9/29/28**	**33%**
102	**Final Design**	**956 days**	**Mon 11/1/21**	**Mon 6/30/25**	**100%**
107	**Bidding Assistance & Award**	**61 days**	**Mon 10/27/25**	**Mon 1/19/26**	**67%**
108	Advertisement & Bid Letting	18 days	Mon 10/27/25	Wed 11/19/25	100%
109	Pre-Award Services	17 days	Thu 11/20/25	Fri 12/12/25	95%
110	**Post-Award Services**	**26 days**	**Fri 12/12/25**	**Mon 1/19/26**	**0%**
111	Limited Notice to Proceed	0 days	Fri 12/12/25	Fri 12/12/25	0%
112	Contracting	16 days	Mon 12/15/25	Mon 1/5/26	0%
113	Virtual Pre-Construction Conference	0 days	Mon 1/19/26	Mon 1/19/26	0%
114	Construction Notice to Proceed	0 days	Mon 1/5/26	Mon 1/5/26	0%
115	**Construction 6B - TBD (9.1 miles)**	**730 days**	**Mon 12/15/25**	**Fri 9/29/28**	**0%**
119	**Construction 6C - TBD (8.4 miles)**	**730 days**	**Mon 12/15/25**	**Fri 9/29/28**	**0%**
123	**RRV TRANSMISSION PIPELINE, CTS 7A&B**	**1891 days**	**Mon 7/3/23**	**Mon 9/30/30**	**32%**
124	**Final Design**	**562 days**	**Mon 7/3/23**	**Tue 8/26/25**	**100%**
129	**Bidding Assistance & Award, Ct 7A**	**61 days**	**Mon 10/27/25**	**Mon 1/19/26**	**67%**
130	Advertisement& Bid Letting	20 days	Mon 10/27/25	Fri 11/21/25	100%
131	Pre-Award Services	15 days	Mon 11/24/25	Fri 12/12/25	95%



2024-2034 Schedule
Red River Valley Water Supply Project

25-12 GDCD RRVWSP 2024-34 Schedule

Wed 12/3/25

ID	Task Name	Duration	Start	Finish	% Complete
132	**Post-Award Services**	**26 days**	**Fri 12/12/25**	**Mon 1/19/26**	**0%**
133	Limited Notice to Proceed	0 days	Fri 12/12/25	Fri 12/12/25	0%
134	Contracting	16 days	Mon 12/15/25	Mon 1/5/26	0%
135	Pre-Construction Conference	0 days	Mon 1/19/26	Mon 1/19/26	0%
136	Construction Notice to Proceed	0 days	Mon 1/5/26	Mon 1/5/26	0%
137	**Construction, Ct 7A - TBD (6.5 miles)**	**730 days**	**Mon 12/15/25**	**Fri 9/29/28**	**0%**
141	**Bidding Assistance & Award, Ct 7B**	**65 days**	**Tue 6/1/27**	**Mon 8/30/27**	**16%**
149	**Construction, Ct 7B - TBD (7.1 miles)**	**825 days**	**Tue 8/3/27**	**Mon 9/30/30**	**0%**
153	**TRANSMISSION PIPELINE EAST, CT 4**	**1717 days**	**Thu 2/1/24**	**Fri 8/30/30**	**39%**
154	**Final Design**	**845 days**	**Thu 2/1/24**	**Wed 4/28/27**	**84%**
155	Prepare& Deliver 60% Docs	130 days	Thu 2/1/24	Wed 7/31/24	100%
156	Prepare& Deliver 90% Docs	280 days	Mon 7/8/24	Fri 8/1/25	100%
157	Prepare& Deliver 100% Docs	132 days	Fri 8/29/25	Mon 3/2/26	60%
158	Prepare& Deliver Final Docs	43 days	Mon 3/1/27	Wed 4/28/27	0%
159	**Bidding Assistance & Award**	**65 days**	**Tue 6/1/27**	**Mon 8/30/27**	**0%**
167	**Construction**	**804 days**	**Tue 8/3/27**	**Fri 8/30/30**	**0%**
171	**ENDAWS TRANSMISSION PIPELINE, CT 3**	**2132 days**	**Mon 7/1/24**	**Tue 8/31/32**	**31%**
172	**Final Design**	**1283 days**	**Mon 7/1/24**	**Wed 5/30/29**	**58%**
173	Prepare& Deliver 60% Docs	130 days	Mon 7/1/24	Fri 12/27/24	100%
174	Prepare& Deliver 90% Docs	281 days	Wed 12/4/24	Wed 12/31/25	85%
175	Prepare& Deliver 100% Docs	180 days	Wed 1/28/26	Tue 10/6/26	0%
176	Prepare& Deliver Final Docs	43 days	Mon 4/2/29	Wed 5/30/29	0%
177	**Bidding Assistance & Award**	**65 days**	**Mon 7/2/29**	**Fri 9/28/29**	**0%**
184	**Construction**	**782 days**	**Mon 9/3/29**	**Tue 8/31/32**	**0%**
188	**ENDAWS TRANSMISSION PIPELINE, CTS 1&2**	**1914 days**	**Mon 6/2/25**	**Thu 9/30/32**	**13%**
189	**Partial Final Design**	**283 days**	**Mon 6/2/25**	**Wed 7/1/26**	**43%**
190	Prepare& Deliver 60% Docs	153 days	Mon 6/2/25	Wed 12/31/25	80%
191	Prepare& Deliver 90% Docs	130 days	Thu 1/1/26	Wed 7/1/26	0%
192	**Design Wrap Up**	**103 days**	**Thu 11/30/28**	**Mon 4/23/29**	**0%**
195	**Bidding Assistance & Award**	**65 days**	**Mon 7/2/29**	**Fri 9/28/29**	**0%**
203	**Construction**	**804 days**	**Mon 9/3/29**	**Thu 9/30/32**	**0%**
207	**FACILITY ASSETS**	**2549 days**	**Thu 2/1/24**	**Tue 11/8/33**	**18%**
208	Preliminary Design	457 days	Thu 2/1/24	Fri 10/31/25	95%
209	**Final Design**	**810 days**	**Fri 8/1/25**	**Thu 9/7/28**	**11%**
210	Contract 1 - Site Development & PS Intake Excavation	173 days	Fri 8/1/25	Tue 3/31/26	50%
211	Contract 2 - Screen Structure, Tunnel, and PS Intake	130 days	Mon 11/2/26	Fri 4/30/27	0%
212	Contract 3 - BWTP and Pumping Stations	484 days	Mon 11/2/26	Thu 9/7/28	0%
213	**Bidding Assistance**	**848 days**	**Wed 4/1/26**	**Fri 6/29/29**	**0%**
214	Contract 1 - Site Development & PS Intake Excavation	44 days	Wed 4/1/26	Mon 6/1/26	0%
215	Contract 2 - Screen Structure, Tunnel, and PS Intake	65 days	Thu 7/1/27	Wed 9/29/27	0%
216	Contract 3 - BWTP and Pumping Stations	65 days	Mon 4/2/29	Fri 6/29/29	0%
217	**Construction**	**1941 days**	**Tue 6/2/26**	**Tue 11/8/33**	**0%**
218	Contract 1 - Site Development & PS Intake Excavation	218 days	Tue 6/2/26	Thu 9/30/27	0%
219	Contract 2 - Screen Structure, Tunnel, and PS Intake	239 days	Mon 5/1/28	Fri 9/28/29	0%
220	Contract 3 - BWTP and Pumping Stations	1072 days	Mon 10/1/29	Tue 11/8/33	0%