

**GARRISON DIVERSION CONSERVANCY DISTRICT
BOARD OF DIRECTORS
Garrison Diversion Conservancy District
Carrington, North Dakota
January 11 & 12, 2024**

A G E N D A

January 11

- 1:30 p.m. I. Call to Order & Pledge of Allegiance – Alan Walter
- 1:31 p.m. II. Roll Call – Lisa Schafer
- 1:32 p.m. III. Announcements and Introductions – Alan Walter
- 1:35 p.m. IV. **Reading and Consideration of Minutes** – Alan Walter
- A. **>Committee of the Whole – October 19, 2023**
- B. **>Board of Directors – October 19 & 20, 2023**
- 1:40 p.m. V. Officers and Committee Reports
- A. Chairman – Alan Walter
1. Executive Committee
- a. Financial Report
- i. **Audit Engagement Letter** – Merri Mooridian
- ii. **>*Financial Statements** – Merri Mooridian
- iii. **>*2023 Budget Revisions** – Merri Mooridian
- iv. **Affirmation of Banks** – Merri Mooridian
- v. >Budget Timeline – Merri Mooridian
- B. Vice Chairman – Jay Anderson
- C. 1st Report of the Nominating Committee – Greg Bischoff
1. >Executive Committee Election Information
- D. Public Relations Committee – Dave Anderson/Kimberly Cook
1. **>*Task Order GF 1.47 - 2024 Strategic Communications Services**
2. Updated Websites
- E. Engineering & Operations Committee – Mike Tweed
- F. MR&I Committee – Geneva Kaiser
1. MR&I Program Report
- a. >Water Supply Assistance Grant Program Outstanding Projects
- b. >Construction Report – Duane DeKrey
- G. Red River Valley Committee – Ken Vein
- 2:40 p.m. VI. Red River Valley Water Supply Project Update
- A. Program Cost Update – Paul Boersma
- B. Construction Update – Kip Kovar
- C. >2023-2025 Biennium Work Plan/Budget – Kip Kovar

- D. >Work Plan Update – Kip Kovar
1. Task Orders ENDAWS
 - a. >2250 – McClusky Canal Intake Preliminary Design Services
 - b. >3210 – BWT Plant & Main Pumping Station Preliminary Design
 - c. >4250 – Hydraulic Break Tanks Preliminary Design
 2. Task Orders RRVWSP
 - a. >1520 – Operational Planning, Phase 3
 - b. >5340 – Trans Pipeline East, Contract 4, Final Design Services
- E. Land Acquisition Update – Kip Kovar
- 3:15 p.m. **COFFEE BREAK**
- 3:30 p.m. VII. Red River Valley Water Supply Project Update Continued
- F. Pipeline Hydraulic Analysis – Paul Boersma
 - G. >Program Schedule – Merri Mooridian
 - H. User Outreach Meetings – Ken Vein
- 4:30 p.m. VIII. Executive Committee Nominations from the Floor – Alan Walter
- 4:45 p.m. **RECESS**
- 5:00 p.m. **Social at Garden Gate Sponsored by Black & Veatch**
- January 12
- 8:30 a.m. IX. Report of Washington, DC, Legal Counsel
- Luke D. Johnson, Co-chair Energy Env. and Res. Strategies Group
 - Bella Wolitz, Of Counsel
- 8:45 a.m. X. O&M Update – Ryan Anderson
- A. Slide Repair Presentation
- 9:00 a.m. XI. >Irrigation Update – Ryan Anderson
- A. >2023 Map
- 9:05 a.m. XII. >Bureau of Reclamation Report – Scott Hettinger
- 9:10 a.m. XIII. Snake Creek Embankment Dam Safety Mod. Study – Kip Kovar
- 9:20 a.m. XIV. >2023 GDCD Accomplishments – Duane DeKrey
- 9:30 a.m. XV. **>*2024 GDCD Work Plan** – Duane DeKrey
- 9:40 a.m. XVI. Department of Water Resources Report – Andrea Travnicek
- 9:50 a.m. XVII. >ND Water Users/ND Irrigation Assoc. Update – Dani Quissell
- A. >ND Irrigation Association 2023 Report
- 10:05 a.m. XVIII. Trip Reports
- A. >NWRA Annual Conference
 - B. >Upper Missouri Water Association
- 10:15 a.m. **COFFEE BREAK**
- 10:30 a.m. XIX. General Manager's Report – Duane DeKrey
- A. Accounting Position Update
 - B. Vehicle Update
 - C. Garrison Diversion Building Improvements Update

- D. Oakes Irrigation Research Site (OIRS) Update
 - 1. >SBARE Testimony Regarding OIRS
 - 2. >***Quit Claim Deed to NDSU**
- 10:50 a.m. XX. Executive Committee Election – Alan Walter
 - A. Second Report from Nominating Committee – Greg Bischoff
 - B. Remarks from Candidates
 - C. ***Election of Executive Committee Members**
- 11:15 a.m. XXI. Future Meetings – Alan Walter
 - A. >2024 Garrison Diversion Meetings
 - B. LAWA Board Meeting – January 16, Fargo
 - C. >Red River Basin Commission – January 16-18, Fargo
 - D. >Groundwater Management Dist. Assoc Conf. – January 23-25, Nashville
 - E. Rural Water Expo – February 6-8, Fargo
 - F. State Water Commission – February 8, Bismarck
 - G. Family Farm Alliance Conference – February 22 & 23, Reno
 - H. NWRA Federal Water Issues Conference – April 9-11, Washington, DC
- 11:20 a.m. XXII. Other Business – Alan Walter
- 11:30 a.m. **ADJOURN**

Items in bold require action by the Board

*** Requires a roll call vote**

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

23-204

**GARRISON DIVERSION CONSERVANCY DISTRICT
Carrington, North Dakota**

COMMITTEE OF THE WHOLE

October 19, 2023

The Garrison Diversion Conservancy District Board of Directors met as a Committee of the Whole on October 19, 2023, at the Garrison Diversion headquarters in Carrington, ND. The meeting was called to order by Chairman Walter at 1:00 p.m.

DIRECTORS PRESENT

Chairman Alan Walter
 Vice Chairman Jay Anderson
 Second Vice Chairman Greg Bischoff
 Director Dave Anderson
 Director Richard Cayko
 Director Cliff Hanretty
 Director Dave Johnson
 Director Geneva Kaiser
 Director Larry Kassian
 Director Bruce Klein
 Director Kelly Klosterman
 Director Ward Koeser
 Director Brando Krueger
 Director Jeff LeDoux
 Director Steve Metzger
 Director Bill Ongstad
 Director Kenny Rogers
 Director Jason Siegert
 Director Mike Tweed
 Director Ken Vein
 Director Donald Zimbleman
 Secretary Duane DeKrey

DIRECTORS ABSENT

Director Kyle Blanchfield
 Director Nikki Boote
 Director Mark Cook
 Director Steve Forde
 Director Margo Knorr
 Director Brian Orn
 Director Jim Pellman

GENERAL MANAGER'S EVALUATION/CONCLUSIONS

Chairman Walter announced the purpose of this meeting is to conduct the 2023 performance evaluation for Duane DeKrey, General Manager.

The procedure was followed from the director's handbook, Section 3.6. Each director completed an evaluation of the general manager that was submitted to the chairman prior to the meeting. The results were then compiled for today's meeting.

The results of the evaluation were reviewed and discussed among the board members.

Mr. DeKrey joined the meeting, and the evaluation results were reviewed with him. Performance objectives for 2023 were also presented and discussed.

Motion by Director Metzger directing the Executive Committee to set the 2024 salaries for the general manager and the general fund employees. Second by Director Dave Anderson. Upon voice vote, motion carried.

The meeting adjourned at 1:25 p.m.

(SEAL)

Chairman Alan Walter

Secretary Duane DeKrey

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

23-206

**GARRISON DIVERSION CONSERVANCY DISTRICT
BOARD OF DIRECTORS**

**Garrison Diversion Conservancy District
Carrington, North Dakota**

October 19 & 20, 2023

A meeting of the Garrison Diversion Conservancy District Board of Directors was held on October 19 and 20, 2023, at the Garrison Diversion Conservancy District in Carrington, North Dakota. The meeting was called to order by Chairman Walter at 1:30 p.m. on October 19.

MEMBERS PRESENT

Chairman Alan Walter
 Vice Chairman Jay Anderson
 Second Vice Chairman Greg Bischoff
 Director Dave Anderson
 Director Nikki Boote (arrived at 3:45 p.m.)
 Director Richard Cayko
 Director Mark Cook (by video conference day one)
 Director Cliff Hanretty
 Director David Johnson
 Director Geneva Kaiser
 Director Larry Kassian (day one)
 Director Bruce Klein
 Director Kelly Klosterman
 Director Margo Knorr (by video conference day one)
 Director Ward Koeser
 Director Brandon Krueger (day one)
 Director Jeff LeDoux
 Director Steve Metzger
 Director Bill Ongstad
 Director Brian Orn
 Director Jim Pellman
 Director Kenny Rogers
 Director Jason Siegert
 Director Mike Tweed
 Director Ken Vein
 Director Donald Zimbleman (day one)
 Secretary Duane DeKrey

MEMBERS ABSENT

Director Kyle Blanchfield
 Director Mark Cook (day two)
 Director Steve Forde
 Director Larry Kassian (day two)

Director Margo Knorr (day two)
 Director Brandon Krueger (day two)
 Director Donald Zimbleman (day two)

OTHERS PRESENT

Garrison Diversion staff members and others were present. A copy of the registration sheet is attached to these minutes as Annex I.

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

ANNOUNCEMENTS AND INTRODUCTIONS

Chairman Walter called on others in attendance to introduce themselves.

READING OF THE MINUTES

Motion by Director Cayko to dispense with a reading of the April 11 and 12, 2023, Board of Directors meeting minutes and approve them as distributed. Second by Director Klosterman. Upon voice vote, motion carried.

Motion by Director Koeser to dispense with a reading of the September 14, 2023, Special Board of Directors meeting minutes and approve them as distributed. Second by Director Tweed. Upon voice vote, motion carried.

OFFICER AND COMMITTEE REPORTS

Chairman - - Chairman Walter provided a summary of the June 16, 2023, Executive Committee meeting.

Executive Committee

Financial Statements - - Merri Mooridian, Administrative Officer, Garrison Diversion, reviewed the financial statements for the period of January 1, 2023, through September 30, 2023. Copies of the financial statements are attached to these minutes as Annex II.

Revenues through September 30 are broken out as follows: General Fund \$4,863,167; MR&I Fund \$14,341,930; O&M Fund \$3,854,481; RRVWSP Fund \$21,763,781 and Irrigation Fund \$247,859.

Expenditures were: General Fund \$2,935,079; MR&I Fund \$14,330,534; O&M Fund \$3,182,544; RRVWSP Fund \$18,550,102 and Irrigation Fund \$280,928.

The income budget for 2023 was \$55,527,050. Income received through September 30 is \$45,071,218 or 81.2% of budget.

The total expense budget, including transfers out, is \$56,012,475. Actual expenditures and transfers out total \$39,592,984 or 70.7% of budget.

Garrison Diversion's reserve accounts total \$7,629,803.

Deposits at Bank of North Dakota are \$5,393,574; First International Bank & Trust \$13,209,510; and Bremer Bank \$9,648,490.

Motion by Director Siegert to accept the financial statements for the period of January 1, 2023, through September 30, 2023. Second by Director Klein. Upon roll call vote, the following directors voted aye: D. Anderson, J. Anderson, Bischoff, Cayko, Cook, Hanretty, Johnson, Kaiser, Kassian, Klein, Klosterman, Knorr, Koeser, Krueger, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Vein, Walter and Zimbleman. Those voting nay: none. Absent and not voting: Blanchfield, Boote, and Forde. Motion carried.

Bank Signatory Card Change - - Ms. Mooridian said after removing Cindy Hewitt on the bank signature card at First International Bank, it was realized Renae Duchscherer had not been officially removed when she left employment with Garrison Diversion. First International Bank is requiring authorization from the board to remove her name from the bank signature card. A motion to do so is recommended.

Motion by Director Cayko to authorize the removal of Renae Duchscherer from the First International Bank signature card. Second by Director LeDoux. Upon voice vote, motion carried.

Budget Timeline - - Ms. Mooridian stated the Budget Timeline for the 2024 budget preparation process is included in the meeting packet for the board's reference.

Vice Chairman - - Jay Anderson, Vice Chairman, commented on the various meetings and conferences he has attended on behalf of Garrison Diversion.

Second Vice Chairman - - Greg Bischoff, Second Vice Chairman, also reported on several meetings he has attended.

Engineering & Operations Committee - - Mike Tweed, Chairman, Engineering & Operations Committee, informed the board the committee met with representatives from Moore Engineering and Sheridan County Water Resource District (SCWRD) on August 22 to hear a presentation regarding a proposed project to help the City of McClusky with flooding issues caused by old basin sloughs which have filled up over time. The city is concerned this will lead to infrastructure problems around McClusky. Various alternatives were discussed with gravity flow being the city and SCWRD's preferred choice. This would require congressional approval, which Garrison Diversion and the Bureau of Reclamation (Reclamation) do not believe would get approved.

The committee suggested Moore Engineering prepare a benefit cost analysis looking at the Sheyenne River alternative.

Moore Engineering was to report back to the SCWRD and the City of McClusky based on the discussions with the Engineering & Operations Committee then proceed with whatever is in the best interest of the city with the funding resources they have available.

Agriculture & Natural Resources Committee - - Mark Cook, Chairman, Agriculture & Natural Resources Committee, reported the committee met on June 7 at which time the committee reviewed the bid tab summary and funding options for the new building at the Oakes Irrigation Research Site. As are result, the committee recommended the construction contract be awarded to Gast Construction in the amount of \$629,800 to the Executive Committee. Photos of the construction site were shared with the board.

Recreation Committee - - Director Bruce Klein, Chairman, Recreation Committee, informed the board the committee met September 20 to review grant applications. He referred to the approved projects table, listing the 21 projects awarded grant funds totaling \$692,521. A copy of the table is attached to these minutes as Annex III.

MR&I Committee

Water Supply Assistance Grant Program

Director Kaiser provided the MR&I Committee report from the August 24 meeting. At that time, the committee approved funding for 17 projects totaling \$113,438 from the Water Supply Assistance Grant Program.

Director Kaiser reported a couple of emergency grant applications were recently received so the MR&I Committee met this morning to review those, along with five additional applications. At that time, \$49,575 in grant funding was approved for seven rural water projects.

MR&I Construction Report

Duane DeKrey, Secretary, referred to the MR&I construction report dated September 30. Total 2023 MR&I expenditures are \$14,240,913. Remaining approved federal MR&I funds are \$17,506,996.

Mr. DeKrey also reviewed the MR&I Bipartisan Infrastructure Law (BIL) report showing a balance of \$33,545,000, which will go toward the Northwest Area Water Supply (NAWS) Project. This funding cannot be expended until a waiver is obtained regarding the Build America, Buy America (BABA) Act.

Copies of both reports are attached to these minutes as Annex IV.

Rural Water Waiver Request

Mr. DeKrey referred to a copy of the letter sent from the Department of Water Resources (DWR) to the Reclamation requesting an urgent waiver for the NAWS Project Phase I Biota Water Treatment Plant (BWTP) from the BABA. The DWR believes this is warranted because the contract was executed and construction began on the BWTP before BABA was enacted.

Mr. DeKrey provided an update on the waiver request Reclamation has been trying to obtain for NAWS, as well as the exemption for rural water projects nationwide. Unfortunately, none of this has happened, and Garrison Diversion was asked to contact Senator Hoeven to reach out to Commissioner Tuton's office regarding the delay on these waivers. We are now informed the waivers are at the Office of Management and Budget (OMB).

Mr. DeKrey added this is becoming quite serious and could harm the NAWS Project from moving forward. Construction is being delayed, and there could be tremendous financial impacts to the project costs if a waiver is not granted.

Red River Valley (RRV) Committee - - Ken Vein, Chairman, RRV Committee, reported on RRVWSP activities/meetings. The RRV Committee met this morning. At that time, a construction report was provided on Contract 5B, and a work change directive was approved for grading topsoil

stockpiles and installing erosion control blankets in preparation for winter. The cost for that work is approximately \$123,000.

Director Vein stated the bid award for Transmission Pipeline East, Contract 5C, was also discussed. There are a number of issues involved with this contract award, which will be presented today.

The RRV Committee also heard a presentation from Black & Veatch regarding changes in the RRVWSP system hydraulics to align with the Eastern North Dakota Alternate Water Supply (ENDAWS) Project.

Red River Valley Water Supply Project Leadership Working Group Recap - - Director Vein informed the board of a RRVWSP Leadership Working Group session held on October 17. This meeting resulted from the Lake Agassiz Water Authority (LAWA) leadership asking for a partnering process to include Garrison Diversion representatives, LAWA members and consultants to have dialogue about how things are working with the RRVWSP and, if there are any issues, how those might be assessed moving forward. One of the things developed during the session was a risk assessment. This session went very well, and similar meetings are being planned.

RED RIVER VALLEY WATER SUPPLY PROJECT

Biennium Work Plan Review - - Kip Kovar, District Engineer, Garrison Diversion, reminded the board the total funding for the RRVWSP 2023-2025 Biennium Work Plan is \$244 million. Of that amount, \$180 million will come from the state, \$61 million from the local users and \$3 million from MR&I appropriations.

2023-2025 Biennium Program Priorities are:

- Secure all remaining easements
- Install 27 miles of pipeline (Contracts 5C, 5D, and 6A)
- Design 52 miles of pipeline (67 miles would be ready to install)
- Complete preliminary design for most facility projects
 - McClusky Canal Intake and Pumping Station
 - Biota Water Treatment Plant
 - Hydraulic Break Tanks
- Continue to provide financial planning support
- Provide support/studies for users necessary to get Project Participant Agreements (PPAs) signed

General RRVWSP Update - - Mr. Kovar reviewed work that has occurred on the RRVWSP since the July board meeting:

- Construction ongoing for 5B
- Bid letting of Contracts 5D and 5C

- Implementation of user outreach plans/packets
 - Significant financial modeling for users
- Ongoing coordination with USACE/DWR on operations
- Implementation of e-Builder
- Continued preliminary design of ENDAWS/started design of Contract 3
- Started design of Contract 7

Mr. Kovar also reviewed work that will start in 2024:

- Design of new pipeline Contract 4 (task order in January 2024)
- Preliminary design of facilities (task orders in early 2024)
 - McClusky Intake & Pumping Station
 - Biota WTP & Main Pumping Station
 - Hydraulic Break Tanks
- Construction of Contracts 5C/5D (start in spring and task orders approved)
- Bidding and award of Contract 6A (delayed due to funding constraint)
- Update to program budget based upon recent bid results
- Update to overall program schedule

Construction Update

Transmission Pipeline East, Contract 5B

Mr. Kovar reviewed the construction status, as well as the challenges experienced, on Contract 5B. Approximately 28,000 feet of pipe is projected to be installed in 2023 and the remaining 20,800 feet in 2024. With the recent mild weather, around 500 feet is being installed per day.

Photos from the construction site were shared with the board.

Mr. Kovar also reviewed the pending changes to the contract price and time, as well as Garney Construction's proposed 2024 schedule. Winter demobilization is November 4, 2023, remobilization is scheduled for May 1, 2024, and the predicted contract completion date is December 14, 2024.

Transmission Pipeline East, Contract 5D

Bid Tabulation Summary - - Mr. Kovar informed the board the bid opening for RRVWSP Transmission Pipeline East, Contract 5D, took place on September 7, 2023. This pipeline segment is located west of Carrington and will connect to Contract 5A. A total of four bids were received: 1) Carstensen Contracting, Inc., 2) Oscar Renda Contracting, Inc., 3) Harper Brothers Construction, LLC and 4) Thalle Construction, Co., Inc.

Mr. Kovar stated the engineer's estimate was \$68,986,800. Carstensen Contracting, Inc. was the apparent low bidder at \$61,677,275.

Garrison Diversion's Executive Committee and the LAWA Board approved the contract award to Carstensen Contracting based on Black & Veatch's recommendation.

Transmission Pipeline East, Contract 5C

Bid Tabulation Summary - - Paul Boersma, Black & Veatch, reported four bids were received for Contract 5C, with SJ Louis having the lowest base bid at \$69,135,254. Second lowest was Oscar Renda at \$76,663,355, then Thalle Construction at \$78,308,327, followed by Harper Brothers at \$79,086,646.

Mr. Boersma stated SJ Louis chose not to complete the prequalification process so all its qualifications were submitted with the bid documents; whereas, the other three bidders were already prequalified. Qualifications include minimum requirements the contractor needed to demonstrate, such as technical competence, project experience, license and security, etc. Other considerations consist of legal, environmental compliance, and safety.

Mr. Boersma reviewed the evaluation of contractor qualifications completed for SJ Louis, reporting SJ Louis met the minimum technical requirements. Under other considerations that reflect on whether SJ Louis is a "responsible bidder", Black & Veatch reported on their review of a number of claims made against SJ Louis or claims SJ Louis made over the past five years against project owners concerning work on a project or payment for a contract in amounts greater than \$500,000. Three significant claims were found either by or against SJ Louis for three projects that had not been disclosed by SJ Louis in its bid package responses.

Mr. Boersma noted that, by itself, asserting or defending claims would not be a disqualifier. The issue for the board's consideration is with the submittal from SJ Louis being an inaccurate representation of the claims history of the company. He reviewed the claims discovered by Black & Veatch and Vogel Law Firm in their research, reporting there were three significant claims that went unreported that met the criteria either by or against SJ Louis.

Engineer's Recommendation - - Mr. Boersma said as a result, based on the misrepresentations included in SJ Louis' submitted qualifications, SJ Louis is deemed nonresponsive; therefore, Black & Veatch recommends against awarding Contract 5C to SJ Louis.

Mr. Boersma added there was a lot of consideration and discussion with Garrison Diversion staff and input from Vogel Law Firm regarding Black & Veatch's recommendation. The bid forms contain fairly clear language indicating that misrepresentation of bid form information is a clear cause for dismissal or rejection of a bid. SJ Louis had the opportunity to contact Black & Veatch if it had any questions about the scope of the questions, but it never did so.

Mr. Boersma stated Black & Veatch is recommending the contract award go to the second lowest bidder, which is Oscar Renda. A copy of the engineer's recommendation is attached to these minutes as Annex V.

Steve Kuechle, SJ Louis, addressed the board regarding the claims issue, explaining SJ Louis' misinterpretation of the bid form. SJ Louis did reach out to Black & Veatch on a number of occasions to see if more clarification was needed on the bid documents in other areas of the submittal. Prior to this morning, he helped Black & Veatch contact some of SJ Louis' references, and the claims issue was never brought to light by Black & Veatch at that time. He expressed SJ Louis' frustration with not being contacted to clarify any suspect information.

Mr. Kuechle also shared SJ Louis' concerns regarding the issue of the tunneling subcontractor, stating SJ Louis has been the low bidder on two of the previous RRVWSP pipeline contracts. SJ Louis was disqualified both times due to tunneling qualifications so they changed their tunneling subcontractor for the bid on Contract 5C.

Mr. Boersma replied SJ Louis did reach out to Black & Veatch on numerous occasions; however, Black & Veatch made a conscious decision on the award recommendation. SJ Louis chose not to prequalify, and they presented their qualifications as part of the bid. Black & Veatch simply evaluated SJ Louis' submitted qualifications as part of their bid.

Mr. Boersma stated SJ Louis was rejected on two previous contracts as the apparent low bidder. One time, it involved tunneling when a reference SJ Louis cited as their main general contractor did not provide the reference SJ Louis was hoping for; therefore, they did not meet the minimum criteria. The rejections on SJ Louis' bids were more complicated than just dealing with the subcontractor.

Mr. Boersma said in reference to Oscar Renda, they are qualified as a general contractor and they did prequalify. As a tunneling subcontractor, Oscar Renda was required to show one successful completed tunneling project in glacial till, which commonly consists of boulders and cobbles. They failed to do that.

Mr. Boersma added none of Oscar Renda's submitted tunneling qualifications met the criteria for glacial till; therefore, Black & Veatch recommends offering Oscar Renda a conditional award provided they can demonstrate the existing subcontractor can meet the tunneling qualifications or replace their tunneling subcontractor with another subcontractor. Otherwise, Black & Veatch would seek permission to award Contract 5C to the third lowest bidder, which is Thalle Construction.

Director Vein, who chairs the RRV Committee, reported the Committee discussed the award of Contract 5C extensively this morning and recommends approval to award Contract 5C to Oscar Renda with the conditions suggested by Black & Veatch. The action taken by the Garrison Diversion Board would also be subject to approval by the LAWA Board, along with approval of Series D bond funding.

Director Kaiser asked if SJ Louis was rejected in the past due to its tunneling contractor, were they given the opportunity to find another subcontractor or were there additional reasons for rejecting them.

Mr. Boersma said the Garrison Diversion board has a wide discretion in awarding contracts. At issue today is not the comparison of switching out subcontractors but the fundamental accuracy and truthfulness of the qualifications submitted by SJ Louis.

Tami Norgard, Vogel Law Firm, replied the tunneling subcontractor on SJ Louis' previous bid was not the only reason the bid was rejected. There were a handful of issues that were disclosed in the engineer's recommendation at that time.

Ms. Norgard also reviewed the language included in the contractor's qualification document referring to claims and/or arbitration in relation to the research conducted and claims discovered on SJ Louis.

Second Vice Chairman Bischoff said he understands the reason for rejecting SJ Louis' bid. He is more concerned with awarding to Oscar Renda. They also neglected to do their part. Will this set a precedent for awarding future contracts?

Director Krueger asked if Oscar Renda knowingly bid on the project with subcontractors who are unqualified.

Mr. Boersma said Oscar Renda is basically self-performing the tunneling. Black & Veatch believes Oscar Renda is qualified, but they have not demonstrated that to them. Oscar Renda has shown a number of tunnels that are significant in length and diameter, but they did not demonstrate glacial till capabilities. All of the tunneling provided by Oscar Renda was done in the south where there are no glacial materials. It is relatively minor technically, and Black & Veatch felt it was warranted to allow Oscar Renda to resolve the technicality and provide other qualifications.

Mr. Boersma said the board could opt not to follow Black & Veatch's recommendation. The implication would be to go to the third lowest bidder, which is Thalle Construction. Thalle has chosen to use Minger Construction (Minger) as their tunneling subcontractor, and Minger has done the tunneling to date on the RRVWSP. The cost implication to go with Thalle would involve another \$1.5 million. Their base bid is \$78,308,327.

Following further board discussion, it was suggested action on awarding Contract 5C be tabled until the board reconvenes on January 12.

Motion by Second Vice Chairman Bischoff to table the motion to award RRVWSP Transmission Pipeline East, Contract 5C, until the board reconvenes on October 20, 2023. Second by Director D. Anderson. Upon voice vote, motion carried.

Work Plan Update

RRVWSP Task Order 1530 – Project Management Information System (PMIS) Procurement and Implementation Services Phase 2

Mr. Kovar referred to RRVWSP Task Order 1530, explaining the purpose of the task order is to provide administrative support for the PMIS (e-Builder). Black & Veatch will administer the PMIS to support daily operations, deliver user training, subscription renewal and implement system enhancements based on Garrison Diversion's needs. The task order is for the next biennium, running through December of 2025. The cost of the task order is \$498,000.

Mr. Kovar said e-Builder is currently being set up for Garrison Diversion and will also be implemented into the accounting system.

Motion by Director Koeser to approve RRVWSP Task Order 1530, Project Management Information System Procurement and Implementation Services Phase 2, in the amount of \$498,000. Second by Director Hanretty. Upon roll call vote, the following directors voted aye: D. Anderson, J. Anderson, Bischoff, Cayko, Cook, Hanretty, Johnson, Kaiser, Kassian, Klein, Klosterman, Knorr, Koeser, Krueger, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Vein, Walter and Zimbleman. Those voting nay: none. Absent and not voting: Blanchfield, Boote, and Forde. Motion carried.

Program Schedule - - Ms. Mooridian referred to the RRVWSP Program Schedule dated September 29, 2023, which tracks the start, finish and percent of completion for each of the RRVWSP construction projects.

Planning Level Budget - - Ms. Mooridian referred to the RRVWSP Planning Level Budget dated September 30, 2023. The total combined program budget is estimated at \$138.9 million. Actual program expenses are \$95.8 million with total outstanding expenses of \$43 million. Total program efforts are 69 percent complete. A copy of the budget is attached to these minutes as Annex VI.

Ms. Mooridian pointed out none of the approved 2023-2025 biennium projects, including contracts and change orders, have been added to the planning level budget because the funding has not yet been received. The projects will be added once the funds are approved/received.

Insurance Advisor - - Ms. Mooridian reported the contract with Aon for insurance advisory services for the RRVWSP has been renewed. They will continue to provide insurance services on an hourly basis.

BUREAU OF RECLAMATION REPORT

Scott Hettinger, Deputy Area Manager, Bureau of Reclamation, referred to Reclamation's October 19, 2023, report and provided highlights from ongoing projects involving Garrison Diversion. A copy of the report is attached to these minutes as Annex VII.

Northwest Area Water Supply (NAWS) - - The operations and maintenance agreement for the NAWS BWTP was approved by the City of Minot recently. This agreement is between Reclamation, the DWR and the City of Minot. A draft cooperative agreement providing the funding mechanism for the NAWS Biota WTP is now being prepared.

MISSOURI RIVER JOINT WATER BOARD

Ken Royse, Project Manager, Missouri River Joint Water Board (MRJWB), shared a video presentation highlighting the benefits of the Missouri River system to North Dakota.

DRAFT CONFLICT OF INTEREST POLICY AND WAIVER

Ms. Norgard referred to the Draft Conflict of Interest Policy and Waiver included with the meeting materials, which has been recommended for the board's approval by the Executive Committee. A copy of the policy and waiver is attached to these minutes as Annex VIII.

Ms. Norgard stated this policy requires disclosure by Garrison Diversion's consultants. It applies to all consultants and subconsultants providing services to Garrison Diversion on the RRVWSP, including engineers and attorneys. Garrison Diversion should know who its consultants are working for in order to avoid all known or potential conflicts of interest when working with other clients on any matters involving the RRVWSP.

Ms. Norgard reviewed the draft policy language, stating most of what is included in the document is included in the Engineering Code of Ethics requirements under state statute and the rules from the American Society of Civil Engineers Code of Conduct.

Director Vein said he voted against the Conflict of Interest Policy at the Executive Committee. The rationale is not negative toward the policy, but he knows there was a desire by the LAWA Board to collaborate on the wording of the document so it is uniform among the two boards.

Second Vice Chairman Bischoff stated the Conflict of Interest Policy was previously addressed at one of the LAWA meetings. LAWA has had ample an opportunity to comment on the draft policy.

Motion by Director Cayko to approve the Garrison Diversion Conservancy District Consultant Conflict of Interest Policy and Waiver. Second by Director Tweed. Upon roll call vote, the following directors voted aye: D. Anderson, J. Anderson, Bischoff, Boote, Cayko, Cook, Hanretty, Johnson, Kaiser, Kassian, Klein, Klosterman, Knorr, Koeser, Krueger, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Walter and Zimbleman. Those voting nay: Vein. Absent and not voting: Blanchfield and Forde. Motion carried.

The board recessed at 4:20 p.m. and reconvened at 8:30 a.m. on October 20.

RED RIVER VALLEY WATER SUPPLY PROJECT CONTINUED

Financial Update

Water Infrastructure Revolving Loan Fund

Ms. Mooridian called attention to the three documents provided to the board members: 1) Financing Resolution, 2) Loan Agreement and 3) Water Revenue Bond.

Financing Resolution - - Ms. Mooridian referred to the financing resolution in regard to the \$48,697,560 Garrison Diversion Water Revenue Bond, Series 2023, to pay the local cost share of the current \$244 million biennium work plan for the RRVWSP. Funding was secured through the Water Infrastructure Revolving Loan Fund (WIRLF) through the Bank of North Dakota (BND) and is broken into two portions. This portion is to pay for Fargo and Grand Forks' part of the local cost share. Once all of the user meetings are complete and the system users have been identified, the funds will be reallocated and the second funding portion will be financed. A copy of the financing resolution is attached to these minutes as Annex IX.

Mia Thibodeau, Fryberger Law Firm, stated the resolution before the board today authorizes the issuance of a water revenue bond not to exceed \$48,697,500 for the purpose of constructing the RRVWSP. The principal amount represents the portion of the local project costs for this biennium that are allocable to Fargo and Grand Forks. This is approximately 81 percent of the total loan approve by the BND. Again, the plan is to finance an additional bond for the LAWA portion of the local project costs once those commitments are obtained from the other system users.

Ms. Thibodeau said the financing resolution sets out specific steps to the bond, including the interest rate, maturity date and payment dates. The interest rate is two percent, and the loan maturity is April 1, 2063. Payments are semi-annually with the first estimated interest payment due April 1, 2026. The first estimated principal payment will be on April 1, 2029. The debt service on the bond is payable solely from the pledged city revenues, which are those revenues pledged by Fargo and Grand Forks pursuant to the Series D Interim Finance Agreement, which the board previously approved. Distribution of the loan proceeds will be made pursuant to the loan agreement. The loan agreement sets out specifics about how the distributions are made, which is a process of requisition of funds as the RRVWSP is being constructed. The loan agreement

generally repeats the terms of the bond that have been recited in the resolution. It makes certain covenants in the loan agreement that are required by the BND for approval of the financing.

Ms. Thibodeau added the financing resolution approves the form of the loan agreement so the only action required by the board is the approval of the resolution.

Motion by Director Vein to adopt the financing resolution pertaining to Garrison Diversion Conservancy District's \$48,697,560 Water Revenue Bond, Series 2023. Second by Director Metzger. Upon roll call vote, the following directors voted aye: D. Anderson, Bischoff, Boote, Cayko, Hanretty, Johnson, Kaiser, Klein, Klosterman, Koeser, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Vein and Walter. Those voting nay: none. Absent and not voting: J. Anderson, Blanchfield, Cook, Forde, Knorr, Kassian, Krueger and Zimbleman. Motion carried.

State Water Commission Cost Share Agreement

Ms. Mooridian referred to the RRVWSP 2023-2025 Agreement for Cost-Share Reimbursement between Garrison Diversion and the State Water Commission (SWC) for the SWC's intent to provide cost share funds in the 2023-2025 biennium of \$180 million to reimburse 75 percent of the eligible costs for the RRVWSP. This was approved by the SWC at its August 10 meeting. The agreement now requires approval by the Garrison Diversion board. A copy of the agreement is attached to these minutes as Annex X.

Motion by Director LeDoux to approve the 2023-2025 RRVWSP Agreement for Cost-Share Reimbursement between Garrison Diversion and the State of North Dakota by and through the State Water Commission in an amount not to exceed \$180,000,000. Second by Director Klosterman. Upon roll call vote, the following directors voted aye: D. Anderson, Bischoff, Boote, Cayko, Hanretty, Johnson, Kaiser, Klein, Klosterman, Koeser, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Vein and Walter. Those voting nay: none. Absent and not voting: J. Anderson, Blanchfield, Cook, Forde, Knorr, Kassian, Krueger and Zimbleman. Motion carried.

Transmission Pipeline East, Contract 5C Continued

Notice to Award

Chairman Walter stated there was a motion made during the board meeting yesterday to table the award of RRVWSP Transmission Pipeline, Contract 5C.

Motion by Director D. Anderson to remove the award of RRVWSP Transmission Pipeline, Contract 5C, from the table. Second by Director Tweed. Upon roll call vote, the following directors voted aye: D. Anderson, Bischoff, Boote, Cayko, Hanretty, Johnson, Kaiser, Klein, Klosterman, Koeser, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Vein and Walter. Those voting nay: none. Absent and not voting: J. Anderson, Blanchfield, Cook, Forde, Knorr, Kassian, Krueger and Zimbleman. Motion carried.

Motion by Second Vice Chairman Bischoff to approve the award of RRVWSP Transmission Pipeline East, Contract 5C, to the second lowest bidder, Oscar Renda.

Mr. Boersma said, following information received from Oscar Renda after the bid, two things were provided: 1) an additional tunneling project in Canada which meets the glacial geology criteria and 2) agreement to use Minger Construction as its tunneling subcontractor.

Director Pellman asked for clarification as to who will perform the tunneling on the project.

Mr. Boersma added Oscar Renda has both options available. Oscar Renda is qualified to do the tunneling; however, he believes Oscar Renda will make a business decision in terms self-performing the tunneling or using Minger Construction.

Second by Director Klein. Upon roll call vote, the following directors voted aye: D. Anderson, J. Anderson, Bischoff, Boote, Hanretty, Johnson, Klein, Klosterman, Koeser, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers, Siegert, Tweed, Vein and Walter. Those voting nay: Cayko and Kaiser. Absent and not voting: Blanchfield, Cook, Forde, Knorr, Kassian, Krueger and Zimbleman. Motion carried.

SNAKE CREEK EMBANKMENT DSMS

Mr. Kovar referred to the draft letter prepared by Garrison Diversion to the Corps of Engineers' (COE) response to Garrison Diversion's May 18, 2023, comments on the Draft Snake Creek Dam Safety Modification Study (DSMS). Garrison Diversion's draft letter states it would like a structural fix on the Snake Creek embankment and points out some of the COE's analysis is flawed.

Mr. Kovar added the DWR has also provided comments on this issue to the COE, which go deeper into the flawed analysis.

Mr. Kovar said the last report he received was the COE is trying to find funds to conduct a preliminary design study for a structural fix separate from the DSMS.

OPERATION & MAINTENANCE (O&M) UPDATE

Ryan Anderson, Engineer, Garrison Diversion, provided an update on O&M activities, including the major slide repair project along the McClusky Canal. Work on the 4:1 side slope will wrap up this week. Between 90,000 to 95,000 cubic yards of fill was removed this year, which totals approximately 2.6 million yards moved to date. Next week, work will begin on cleaning out the McClusky Canal.

Other O&M work consists of routine maintenance along the canal, including blading, mowing, spraying.

Other non-routine work was a job at the Jamestown Reservoir, which involved diking off and dewatering the stilling well. There was also a job at the New Rockford Canal assisting Reclamation with diking off and dewatering four large siphons under the railroad tracks and highway. In addition, riprap and gravel were hauled at the Arrowwood National Wildlife Refuge.

IRRIGATION UPDATE

Mr. Anderson reported there was a lot of interest in new irrigation this spring, but many of the irrigators were waiting to hear on project use power and the SWC's decision regarding the proposal for a 75/25 percent cost share available to irrigation districts for off farm works. The SWC

recently approved the 75/25 percent cost share, which should spike irrigation interests for next year.

ND WATER USERS/IRRIGATION ASSOCIATION REPORT

Dani Quissell, North Dakota Water Users/Irrigation Association, referred to the October 6, 2023, Policy Update, which summarizes the status of important state water issues.

Ms. Quissell reported the SWC did approve some changes to cost share policy regarding irrigation. The changes made by the SWC last week are increasing the cost share for irrigation districts from 50 percent to 75 percent. That would allow Garrison Diversion to get water from the McClusky Canal to irrigators at a 75 percent cost share, which really helps on the local share making it more feasible for more irrigation out of the canal.

Ms. Quissell said on the private irrigation side, the ND Irrigation Association has been working with the SWC and the BND to increase resources for interest rate buydown. Previous to last week, the cap for an individual irrigator looking at the interest rate buydown was at \$40,000. The SWC voted to double its share of what it puts toward that program, making the cap now \$60,000. Work will continue with the BND in an effort to get the cap raised to \$90,000.

On the Water Users side, the legislature will go into special session next week. There is at least one water related bill that the Water Users will be watching.

Ms. Quissell also reported on three public meetings held this week in Fargo, Linton and Devils Lake on the importance of the Missouri River.

DEPARTMENT OF WATER RESOURCES REPORT

Pat Fridgen, Planning and Education Division Director, DWR, added to the comments on the SWC's recent actions regarding irrigation, stating these are very positive developments for irrigators and irrigation development in the state. In addition, he provided an update on the DWR's current projects and activities, including work being done to obtain the waiver for the NAWS Project.

RED RIVER VALLEY WATER SUPPLY PROJECT CONTINUED

Transmission Pipeline East, Contract 5C

Notice to Proceed

Chairman Walter stated when acting on the award of Contract 5C, there should have also been a motion to proceed with the contract as well as a contingency that Garrison Diversion obtain approval from the LAWA board on the contract award to Oscar Renda.

Motion by Director Anderson authorizing the general manager to move forward with the Notice to Proceed on RRVWSP Transmission Pipeline East, Contract 5C, pending submittal of the contractor's documentation and contingent upon approval of the contract award to Oscar Renda by the LAWA board. Second by Directo Vein. Upon roll call vote, the following directors voted aye: D. Anderson, J. Anderson, Bischoff, Boote, Hanretty, Johnson, Klein, Klosterman, Kooser, LeDoux, Metzger, Ongstad, Orn, Pellman, Rogers,

Siegert, Tweed, Vein and Walter. Those voting nay: Cayko and Kaiser. Absent and not voting: Blanchfield, Cook, Forde, Knorr, Kassian, Krueger and Zimbleman. Motion carried.

TRIP REPORTS

Trip reports were provided by staff and directors who attended the National Water Resources Association (NWRA) Western Water Seminar and National Rural Water Association Water Pro Conference. Written reports are included in the meeting packet.

GENERAL MANAGER'S REPORT

LAWA Special Meeting Report - - Mr. DeKrey reported on the Special LAWA Board meeting held October 11 in Fargo with special guests Senator John Hoeven and the Bureau of Reclamation Commissioner Camille Touton and Regional Director Brent Esplin.

Mill Levy Questions - - Mr. DeKrey said there have been a lot of recent questions from different counties within Garrison Diversion regarding the mill levy. Staff has put together figures for these counties explaining how each of them benefits from being a member county. If any board members receive questions, he encourages them to contact the office, and a fact sheet can be prepared for their individual county.

Accounting Position - - Mr. DeKrey reported a number of applications were received for the accounting position at the Carrington office. Three individuals were interviewed with one person being offered the position. In the end, the applicant declined the job offer. The plan is to review the current applications to see if there may be other qualified individuals. If not, the position will be readvertised.

Natural Resources Trust Correspondence - - Mr. DeKrey referred to a copy of the joint letter submitted to Senator Hoeven and Governor Burgum from three wildlife organizations advocating for an additional \$50 million federal authorization to be included in new legislation dealing with state and tribal MR&I needs for the North Dakota Natural Resources Trust. The letter is provided for the board's information.

MRRIC Post-Plenary Communications Materials - - Mr. DeKrey next referred to the Missouri River Recovery Implementation Committee (MRRIC) Post-Plenary Communications Materials, August 2023, included with the meeting materials. Garrison Diversion funds a portion of the state's representative to MRRIC. These materials provide information about the committee and a summary of its accomplishments. This is also provided for the board's information.

Audio/Viso Equipment Update - - Mr. DeKrey reported Garrison Diversion continues to experience issues with the board room's audio/viso equipment. AVI has had its technical people here a number of times to work on the system. AVI recently discovered the computer dedicated to operating the system is not the correct computer. A new computer has been ordered and AVI will install it free of charge.

2024 Summer Board Meeting Date Change - - Mr. DeKrey said the dates selected for Garrison Diversion's July 2024 board meeting conflict with ND Water Resource Districts summer meeting. He recommended changing our meeting dates so directors can attend the Water Resource Districts meeting. The suggested new meeting dates are July 18 and 19, 2024.

Motion by Director Metzger to approve changing the July 2024 Garrison Diversion Board meeting dates to July 18 and 19. Second by Director Rogers. Upon voice vote, motion carried.

UPCOMING EVENTS

Chairman Walter reviewed the list of upcoming meetings and events.

OTHER

There being no other business to come before the board, the meeting adjourned at 9:45 a.m.

(SEAL)

Alan Walter, Chairman

Duane DeKrey, Secretary

REGISTRATION

BOARD OF DIRECTORS
Garrison Diversion Conservancy District
Carrington, North Dakota
October 19 & 20, 2023

NAME	ADDRESS
Ashley Reisenauer	GDCD
Mami Mami	GDCD
Hanni Norwood	Vogel Law Firm
Brent Jackson	AE2S
Joe Zanner	American
Scott Mehoy	GDCD
Pat Boosma	BTV
KEN ROYSE	Missouri River Jr. Water Assoc
Demi Quissell	NDWUA
Lisa Schaffer	GDCD
On Line	
Mark Cook	Garrison Diversion
Eric Volk	ND Rural Water Assoc.
Margo Knorr	Garrison Diversion
Kurt Ronnekamp	Black & Veatch
Scott Hettinger	Bureau of Reclamation
Shawn Gaddie	AE2S, Nexus
Julie Prescott	Dept. of Water Resources
Jeff Hruby	AE2S
Mia Thibodeau	Fryberger Law Firm
Nick Suma	Vogel Law Firm

Garrison Diversion Conservancy District						
Combined Statement of Revenues and Expenses						
For the Nine Months Ended September 30, 2023						
	General Fund	Municipal Rural, and Industrial Fund	Operations Maintenance Fund	Red River Valley Water Supply Project	Irrigation Fund	Total
Beginning Bank Balance	\$8,320,277	\$4,595	\$380,008	\$249,723	\$172,668	\$9,127,271
Revenues:						
Irrigation Admin	974					974
Lease Income						-
Revenue from Sale of Fixed Assets			173,167			173,167
Miscellaneous Income	1,808				364	2,172
Interest Income	272,654	645	1,154		2,746	277,199
Tax Levy	4,181,160					4,181,160
State Aid Distribution	219,880					219,880
Contract Revenue	42,996	14,341,285	3,192,735	21,763,781	244,749	39,585,546
Non-Project Income	143,695		487,425			631,120
Total Revenues	\$4,863,167	\$14,341,930	\$3,854,481	\$21,763,781	\$247,859	\$45,071,218
Expenditures:						
Director Expense	172,189					172,189
Employee Expense	929,956	54,915	1,718,598			2,703,469
Administrative Expense	139,450	34,706	62,870			237,026
Public Education	70,522					70,522
Professional Services	332,623		201,749	242,056		776,428
Irrigation Development	239,963					239,963
Water Supply Projects	135,157					135,157
GDCD Recreation Project	537,860					537,860
DWRA Recreation Project	3,360					3,360
Maintenance & Repairs	31,293		822,219		187,062	1,040,574
Capital Purchases	342,706		377,108	9,198	18,769	747,781
Construction in Progress				17,967,357		17,967,357
MR&I Project Expenses		14,240,913				14,240,913
Principal Debt Payments				278,935	55,892	334,827
Interest Payments				52,556	19,205	71,761
Total Expenditures *	\$ 2,935,079	\$ 14,330,534	\$ 3,182,544	\$ 18,550,102	\$ 280,928	\$ 39,279,187
Transfer In/Out	313,797	(10,751)	(303,046)	-	-	\$ -
Revenues Over Expenditures	\$ 2,241,885	\$ 645	\$ 368,891	\$ 3,213,679	\$ (33,069)	\$ 5,792,031
Net Change in Assets	(1,989,115)		2,553	121	406	\$ (1,986,035)
Ending Bank Balance	\$ 8,573,047	\$ 5,240	\$ 751,452	\$ 3,463,523	\$ 140,005	\$ 12,933,267

GARRISON DIVERSION CONSERVANCY DISTRICT				
INCOME BUDGET ANALYSIS STATEMENT				
For Nine Months Ended September 30, 2023				
General, O&M MR&I, RRVWSP, and Irrigation Funds	Budget for 2023	Income Received to September 30, 2023	Percentage of Amount Budgeted	Balance of 2023 Budget
Irrigation Admin	\$ 950	\$ 974	102.5%	\$ (24)
Lease Income	\$ -	\$ -		\$ -
Miscellaneous Income	\$ -	\$ 2,172	0.0%	\$ (2,172)
Revenue Sale of Fixed Assets	\$ -	\$ 173,167	0.0%	\$ (173,167)
Interest Income	\$ 33,120	\$ 277,199	837.0%	\$ (244,079)
Tax Levy	\$ 3,650,000	\$ 4,181,160	114.6%	\$ (531,160)
State Aid	\$ 180,000	\$ 219,880	122.2%	\$ (39,880)
General Fund Contract Revenue	\$ 70,000	\$ 42,996	61.4%	\$ 27,004
O&M Contract Revenue	\$ 4,890,000	\$ 3,192,735	65.3%	\$ 1,697,265
MR&I Contract Revenue	\$ 20,257,975	\$ 14,341,285	70.8%	\$ 5,916,690
RRVWSP Contract Revenue	\$ 25,400,000	\$ 21,763,781	85.7%	\$ 3,636,219
Irrigation Fund Revenue	\$ 828,005	\$ 244,749	29.6%	\$ 583,256
Project Revenue	\$ -	\$ -	0.0%	\$ -
Non-Project Revenue	\$ 217,000	\$ 631,120	290.8%	\$ (414,120)
Total Revenues	\$55,527,050	\$45,071,218	81.2%	\$10,455,832

GARRISON DIVERSION CONSERVANCY DISTRICT						
Expense Budget Analysis Statement						
For Nine Months Ended Sept 30, 2023						
General, O&M MR&I, RRVWSP, and Irrigation Funds	Budget for 2022	Expenditures Charged to 2022 Budget	Budget for 2023	Expenditures to Sept 30, 2023	Percentage Spent Amount Budgeted	Balance of Budget
Expenses						
Director Expenses	\$ 270,000	\$ 235,483	\$ 221,000	172,189	77.9%	\$ 48,811
Employee Expenses	\$ 3,746,366	\$ 3,350,365	\$ 3,508,000	2,703,469	77.1%	\$ 804,531
Administrative Expenses	\$ 431,335	\$ 317,442	\$ 452,500	237,026	52.4%	\$ 215,474
Public Education	\$ 151,840	\$ 135,407	\$ 157,000	70,522	44.9%	\$ 86,478
Professional Services	\$ 3,515,225	\$ 2,902,288	\$ 2,637,000	776,427	29.4%	\$ 1,860,573
Irrigation Development	\$ 911,200	\$ 881,346	\$ 260,875	239,963	92.0%	\$ 20,912
Water Supply Program	\$ 300,000	\$ 98,614	\$ 300,000	135,157	45.1%	\$ 164,843
GDCD Recreation Grant Program	\$ 600,000	\$ 541,988	\$ 850,000	537,860	63.3%	\$ 312,140
DWRA Recreation Program	\$ 10,000	\$ 4,512	\$ 10,000	3,360	33.6%	\$ 6,640
Irrigation District Expense	\$ 2,000	\$ -	\$ 2,000	-	0.0%	\$ 2,000
Maintenance & Repairs	\$ 1,611,040	\$ 1,187,210	\$ 1,794,100	1,040,574	58.0%	\$ 753,526
Capital Purchases	\$ 1,056,000	\$ 963,831	\$ 495,000	747,781	151.1%	\$ (252,781)
Construction in Progress	\$ 27,950,000	\$ 27,977,251	\$ 24,000,000	17,967,357	74.9%	\$ 6,032,643
MR&I Fund	\$ 27,000,000	\$ 25,292,604	\$ 20,000,000	14,240,913	71.2%	\$ 5,759,087
Principal on Debt Repayment	\$ 479,831	\$ 479,483	\$ 315,000	334,828	106.3%	\$ (19,828)
Interest on Debt Repayment	\$ 68,660	\$ 68,656	\$ 67,000	71,761	107.1%	\$ (4,761)
Total Expenses	\$ 68,103,497	\$ 64,436,480	\$ 55,069,475	39,279,187	71.3%	\$ 15,790,288
Transfers In/Out						
MR&I	\$ 22,000	\$ 20,311	\$ 23,000	10,751	46.7%	\$ 12,249
O&M	\$ 972,340	\$ 886,658	\$ 920,000	303,046	32.9%	\$ 616,954
Irrigation	\$ -	\$ -	\$ -	-	0.0%	\$ -
RRVWSP	\$ (1,451,491)	\$ (1,368,042)	\$ -	-	0.0%	\$ -
Total Transfers Out	\$ (457,151)	\$ (461,073)	\$ 943,000	313,797	33.3%	\$ 629,203
Total Expenses & Transfers Out	\$ 67,646,346	\$ 63,975,407	\$ 56,012,475	39,592,984	70.7%	\$ 16,419,491

GARRISON DIVERSION CONSERVANCY DISTRICT RESERVES STATEMENT September 30, 2023	
OPERATING RESERVE	
Operating Reserve authorized to be established in the amount of \$300,000.00 per resolution of the Board dated January 15, 1970. Limit changed to \$330,000 by Board action on January 6, 1995. Reserve cap removed by Board action July 2, 1997.	\$5,214,210.74
O&M EMERGENCY RESERVE	
O&M Emergency Reserve to be established in the amount of \$500,000.00 by Article 13 (a) of the Master Contract and by action taken by the Board dated January 16, 1970. Limit changed to \$1,500,000.00 July 1980. Reserve capped at \$822,817.55 by Board action July 2, 1997.	750,000.00
DEFICIENCY RESERVE	
Deficiency Reserve to be established in the amount of \$750,000.00 by Article 13 (b) of the Master Contract. Limit changed to \$1,500,000.00 July 1980. Reserve capped at \$802,287.54 by Board action July 2, 1997.	750,000.00
PROJECT DEVELOPMENT RESERVE	
Project Development Reserve to be established in the amount of \$750,000.00 by resolution of the Board dated July 17, 1969. Limit changed to \$1,000,000.00 July 1982. Reserve capped at \$915,592.98 by Board action July 2, 1997.	915,592.98
TOTAL GARRISON DIVERSION CONSERVANCY DISTRICT RESERVES	\$7,629,803.72

Garrison Diversion Conservancy District Funds in Bank of North Dakota September 30, 2023				
Fund	Account Name/Reserve	Interest Rate	Maturity Date	Balance
General	Checking Account	0.60%		\$ (149,107.94)
General	Water Assistance Grant Matching	0.60%		\$ 185,255.24
General	Oakes Building Fund	0.60%		\$ 43,620.44
General	Money Market Deposit Account	0.60%		\$ 4,694,803.33
General	Water Assistance Grant Reserve	0.60%		\$ 439,443.49
General	Accrued Leave-Operating Reserve	0.60%		\$ 179,559.71
Total Deposits				\$ 5,393,574.27

Garrison Diversion Conservancy District Funds in First International Bank & Trust September 30, 2023				
Fund	Account Name/Reserve	Interest Rate	Maturity Date	Balance
General	CD 118955-Project Development	4.05%	10/19/23	\$ 350,000.00
General	CD 119434-Deficiency Reserve	0.50%	11/30/23	\$ 175,854.00
General	CD 118849-Deficiency Reserve	0.40%	01/29/24	\$ 200,000.00
General	CD 119130	4.00%	02/18/24	\$ 1,000,000.00
General	CD 80120161	5.50%	03/19/24	\$ 1,000,000.00
General	CD 80120162	2.35%	03/19/24	\$ 1,000,000.00
General	CD 80123425	5.50%	03/22/24	\$ 2,500,000.00
General	CD 119245	5.50%	03/30/24	\$ 1,000,000.00
General	CD 118850-Operating Reserve	4.00%	04/24/24	\$ 50,500.00
General	CD 118848-O&M Emergency Res.	4.10%	04/29/24	\$ 350,000.00
General	CD 119561-O&M Emergency Reserve	4.10%	05/01/24	\$ 83,682.45
General	CD 119070-Operating Reserve	4.10%	05/17/24	\$ 820,000.00
General	CD 118954	4.10%	05/19/24	\$ 500,000.00
General	CD 80120163	2.50%	09/19/24	\$ 1,000,000.00
Total Investments				\$ 10,030,036.45
General	Recreation Matching-Operating Reserve	2.00%		\$ 2,294,586.55
General	Money Market Funds	2.00%		\$ 230,022.15
General	Recreation Reserve-Operating Reserve	2.00%		\$ 654,865.75
Total Money Market Funds				\$ 3,179,474.45
Total Deposits				\$ 13,209,510.90
Pledging	Total Deposits			\$ 13,209,510.90
	Less:FDIC Coverage			(250,000.00)
	Deposit Balance to Secure			12,959,510.90
	Less: Pledging			16,624,375.05
Pledging Excess				\$ 3,664,864.15

BREMER BANK DEPOSIT AND PLEDGING SUMMARY September 30, 2023					
<i>Account Type</i>	<i>Balance</i>	<i>Interest Rate</i>	<i>Maturity Date</i>	<i>Deposit Insurance / Pledging Status</i>	
<i>Demand Deposit Accounts</i>					
Non-Interest Bearing Checking Accounts					
				Total Demand Deposits	\$4,214,975.05
				Less: FDIC Insurance Coverage	250,000.00
xxxx61	Operations & Maintenance Fund	751,452.55	0.00%	Demand Deposit Balance to Secure	\$3,964,975.05
xxxxx52	Red River Valley Water Supply	3,463,522.50	0.00%	x 110%	1.10
Total Demand Deposits				Pledging Required on Demand Deposits	\$4,361,472.56
<i>Time and Savings Deposits</i>					
Interest Bearing Checking					
xxxxx34	Irrigation Fund	140,006.39	0.45%		
xxxxxx62	M R & I Working Fund	5,239.37	0.45%		
Total Interest Bearing Checking Balance		<u>145,245.76</u>			
Savings Accounts					
xxxxx41	O&M - Accrued Leave Reserve	154,953.34	1.00%		
xxxxxx63	Irrigation - Debt Service Reserve	288,259.60	1.00%		
Total Savings Balance		<u>443,212.94</u>			
Certificates of Deposit					
xxxxx0394	Certificate of Deposit-Operating Reserve	47,000.00	0.65%	2/20/2024	
xxxxx8862	Certificate of Deposit-Project Dev Reserve	252,054.00	0.65%	2/24/2024	
xxxx1061	Certificate of Deposit-Deficiency Reserve	124,146.00	0.65%	2/24/2024	
xxx907-1	Certificate of Deposit-Operating Reserve	542,000.00	4.00%	3/1/2024	
xxx906-1	Certificate of Deposit-Deficiency Reserve	250,000.00	4.00%	3/1/2024	
xxxxxx803-1	Certificate of Deposit	1,000,000.00	4.05%	4/11/2024	
xxx591-1	Certificate of Deposit-OM Emergency Res.	210,000.00	4.15%	4/24/2024	
xxxxxx106	Certificate of Deposit-OM Emergency Res.	106,317.55	4.15%	5/22/2024	
xxxxxx30-1	Certificate of Deposit	2,000,000.00	4.15%	5/24/2024	
xxxxxx933-1	Certificate of Deposit-Project Dev Reserve	313,538.98	5.00%	8/30/2024	
Total CD Balance		<u>4,845,056.53</u>			
Total Time & Savings Deposit Account Balance				Total Time & Savings Deposit Account Balance	\$5,433,515.23
				Less: FDIC Insurance Coverage	250,000.00
				Time & Savings Deposit Balance to Secure	\$5,433,481.23
				x 110%	1.10
Total Time & Savings Deposit Account Balance				Pledging Required on Time & Savings Deposits	\$5,976,829.35
Total Deposits				Total Pledging Required on all Deposits	\$10,338,301.91
				Pledged Security/Letter of Credit	\$13,885,708.00
				Pledging Excess	\$3,547,406.09

GARRISON DIVERSION CONSERVANCY DISTRICT						
Tax Collections Statement						
For Nine Months Ending September 30, 2023						
County	2023 Tax Levy Budget	2023 Tax Collections	Balance of Tax Levy Budget	2023 State Aid Budget	2023 State Aid	Balance State Aid Budget
Barnes	\$77,000	\$86,533	(9,533)	\$4,000	\$4,697	(\$697)
Benson	32,000	35,492	(3,492)	3,000	3,218	(218)
Bottineau	55,000	62,305	(7,305)	3,000	3,888	(888)
Burleigh	490,000	582,599	(92,599)	22,000	27,250	(5,250)
Cass	904,000	1,062,227	(158,227)	42,000	52,987	(10,987)
Dickey	41,000	45,134	(4,134)	3,000	3,811	(811)
Eddy	13,000	15,566	(2,566)	2,000	2,116	(116)
Foster	27,000	29,449	(2,449)	5,000	5,588	(588)
Grand Forks	290,000	325,933	(35,933)	9,000	10,980	(1,980)
Griggs	19,000	20,444	(1,444)	2,000	2,114	(114)
LaMoure	40,000	42,561	(2,561)	3,000	3,827	(827)
McHenry	46,000	50,591	(4,591)	2,000	2,174	(174)
McKenzie	321,000	374,145	(53,145)	23,000	28,255	(5,255)
McLean	75,000	82,324	(7,324)	6,000	7,393	(1,393)
Nelson	24,000	26,711	(2,711)	2,000	2,054	(54)
Pierce	31,000	33,387	(2,387)	2,000	2,759	(759)
Ramsey	57,000	63,971	(6,971)	4,000	5,078	(1,078)
Ransom	36,000	39,871	(3,871)	-	-	-
Renville	22,000	24,639	(2,639)	2,000	2,456	(456)
Richland	95,000	107,969	(12,969)	-	-	-
Sargeant	34,000	39,523	(5,523)	2,000	2,621	(621)
Sheridan	14,000	15,936	(1,936)	3,000	3,660	(660)
Steele	28,000	30,914	(2,914)	2,000	1,770	230
Stutsman	120,000	134,318	(14,318)	6,000	7,666	(1,666)
Traill	53,000	60,862	(7,862)	3,000	3,520	(520)
Ward	302,000	338,429	(36,429)	15,000	18,398	(3,398)
Wells	40,000	43,769	(3,769)	3,000	3,355	(355)
Williams	364,000	405,558	(41,558)	7,000	8,245	(1,245)
Totals	\$ 3,650,000	\$4,181,160	\$ (531,160)	\$ 180,000	\$ 219,880	\$ (39,880)

**GARRISON DIVERSION CONSERVANCY DISTRICT
EXPENSE BUDGET ANALYSIS STATEMENT
For Nine Months Ended September 30, 2023**

	Budget 1/1/22 to 12/31/22	Expenditures Chargeable to 2022 Budget	Budget 1/1/23 to 12/31/23	2023 Actual as of 09/30/2023	Balance of Budget as of 09/30/2023	Percentage of Budget Spent
GENERAL FUND						
Directors Expense						
Directors Per Diem	\$ 130,000	\$ 120,037	\$ 133,000	\$ 82,660	\$ 50,340	62.2%
Directors Expense	\$ 140,000	\$ 115,445	\$ 88,000	\$ 89,529	\$ (1,529)	101.7%
Total Directors Expense	\$ 270,000	\$ 235,482	\$ 221,000	\$ 172,189	\$ 48,811	77.9%
Employee Expense						
Employee Salaries	\$ 822,000	\$ 780,874	\$ 908,000	\$ 609,203	\$ 298,797	67.1%
General Manager Exp	\$ 35,000	\$ 15,160	\$ 21,000	\$ 6,962	\$ 14,038	33.2%
Travel	\$ 61,000	\$ 33,344	\$ 61,000	\$ 25,345	\$ 35,655	41.5%
Admn Officer - Merri Mooridian	\$ 25,000	\$ 17,711	\$ 25,000	\$ 14,572	\$ 10,428	58.3%
Dist. Engr - Kip Kovar	\$ 10,000	\$ 6,490	\$ 10,000	\$ 2,918	\$ 7,082	29.2%
Engineer - Ryan Anderson	\$ 5,000	\$ 1,901	\$ 5,000	\$ 1,474	\$ 3,526	29.5%
Dir. Comm. - Kim Cook	\$ 6,000	\$ 1,363	\$ 6,000	\$ 658	\$ 5,342	11.0%
Emp Exp Other	\$ 15,000	\$ 5,879	\$ 15,000	\$ 5,723	\$ 9,277	38.2%
Professional Development	\$ 17,000	\$ 5,500	\$ 17,000	\$ 1,411	\$ 15,589	8.3%
Employee Training	\$ 15,000	\$ 5,500	\$ 15,000	\$ 1,411	\$ 13,589	9.4%
Wellness Program	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	0.0%
Benefits	\$ 406,000	\$ 332,717	\$ 427,000	\$ 287,033	\$ 139,967	67.2%
GDCD FICA	\$ 72,000	\$ 64,927	\$ 79,000	\$ 53,369	\$ 25,631	67.6%
Retirement	\$ 117,000	\$ 111,743	\$ 129,000	\$ 87,630	\$ 41,370	67.9%
Hospital & Life Insurance	\$ 177,000	\$ 136,698	\$ 175,000	\$ 109,558	\$ 65,442	62.6%
Unemployment Comp	\$ 1,000	\$ 307	\$ 1,000	\$ 3,508	\$ (2,508)	350.8%
Dental / Vision Ins.	\$ 14,000	\$ 11,637	\$ 14,000	\$ 8,237	\$ 5,763	58.8%
Work Force Safety	\$ 1,000	\$ 307	\$ 1,000	\$ 388	\$ 612	38.8%
Long-Term Disability Ins	\$ 9,000	\$ 7,098	\$ 10,000	\$ 5,408	\$ 4,592	54.1%
Vacation/Sick Leave Liability	\$ 15,000	\$ -	\$ 18,000	\$ 18,935	\$ (935)	105.2%
Total Employee Expense	\$ 1,341,000	\$ 1,167,595	\$ 1,434,000	\$ 929,954	\$ 504,046	64.9%
Administration						
Postage	\$ 7,000	\$ 3,057	\$ 6,000	\$ 3,257	\$ 2,743	54.3%
Communications	\$ 31,000	\$ 14,124	\$ 16,000	\$ 9,797	\$ 6,203	61.2%
Utilities	\$ 34,000	\$ 31,989	\$ 33,000	\$ 27,546	\$ 5,454	83.5%
Meetings & Events	\$ 10,000	\$ 8,602	\$ 5,000	\$ 6,900	\$ (1,900)	138.0%
Subscriptions/Publications	\$ 6,000	\$ 5,850	\$ 6,000	\$ 3,617	\$ 2,383	60.3%
Miscellaneous	\$ 6,000	\$ 2,916	\$ 4,000	\$ 1,202	\$ 2,798	30.1%
Data Processing	\$ 23,000	\$ 20,270	\$ 20,000	\$ 29,298	\$ (9,298)	146.5%
Employee Recruiting	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000	0.0%
Supplies	\$ 18,000	\$ 10,135	\$ 14,000	\$ 8,342	\$ 5,658	59.6%
Small Office Equipment	\$ 14,200	\$ 10,886	\$ 20,000	\$ 156	\$ 19,844	0.8%
Dues	\$ 15,000	\$ 11,528	\$ 14,000	\$ 11,997	\$ 2,003	85.7%
Insurance	\$ 15,800	\$ 15,509	\$ 14,000	\$ 6,688	\$ 7,312	47.8%
Annual Independent Audit	\$ 33,500	\$ 31,118	\$ 36,500	\$ 30,650	\$ 5,850	84.0%
Total Administration	\$ 218,500	\$ 165,984	\$ 193,500	\$ 139,450	\$ 54,050	72.1%
Public Education						
GDCD Tours	\$ 10,000	\$ 5,000	\$ 10,000	\$ 3,000	\$ 7,000	30.0%
ND Water Users Ass'n Dues	\$ 20,000	\$ -	\$ 20,000	\$ 20,000	\$ -	100.0%
ND Water Coalition Dues	\$ 14,000	\$ 20,000	\$ 14,000	\$ 14,000	\$ -	100.0%
ND Water Magazine	\$ 18,000	\$ 14,000	\$ 18,000	\$ 10,000	\$ 8,000	55.6%
Missouri River Joint Board	\$ 71,090	\$ 18,000	\$ 15,000	\$ 15,981	\$ (981)	106.5%
Upper Sheyenne	\$ -	\$ 71,061	\$ 50,000	\$ -	\$ 50,000	0.0%
Conference Booth Fees, Sponsorships	\$ 9,750	\$ 6,940	\$ 20,000	\$ 5,589	\$ 14,411	27.9%
Miscellaneous	\$ 9,000	\$ 406	\$ 10,000	\$ 1,952	\$ 8,048	19.5%
Total Public Education	\$ 151,840	\$ 135,407	\$ 157,000	\$ 70,522	\$ 86,478	44.9%

**GARRISON DIVERSION CONSERVANCY DISTRICT
EXPENSE BUDGET ANALYSIS STATEMENT
For Nine Months Ended September 30, 2023**

	Budget 1/1/22 to 12/31/22	Expenditures Chargeable to 2022 Budget	Budget 1/1/23 to 12/31/23	2023 Actual as of 09/30/2023	Balance of Budget as of 09/30/2023	Percentage of Budget Spent
Professional Services						
Communications	\$ 160,000	\$ 109,375	\$ 140,000	\$ 70,849	\$ 69,151	50.6%
Engineering	\$ 125,000	\$ 43,248	\$ 125,000	\$ 9,730	\$ 115,270	7.8%
RRVWSP Development	\$ 309,000	\$ 65,640	\$ 316,000	\$ 91,471	\$ 224,529	28.9%
Technical Support for LAWA	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000	0.0%
Engineering	\$ 100,000	\$ 7,494	\$ 100,000	\$ 2,478	\$ 97,522	2.5%
Legal	\$ 133,000	\$ 51,674	\$ 125,000	\$ 40,759	\$ 84,241	32.6%
Financial	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	0.0%
Consultants	\$ 50,000	\$ -	\$ 50,000	\$ 44,139	\$ 5,861	88.3%
Meeting, Misc. Exp	\$ 16,000	\$ 6,472	\$ 16,000	\$ 4,095	\$ 11,905	25.6%
Prof Services Other	\$ 30,000	\$ 22,793	\$ 45,000	\$ 11,207	\$ 33,793	24.9%
Legal Services	\$ 215,000	\$ 142,762	\$ 188,000	\$ 149,368	\$ 38,632	79.5%
Total Professional Services	\$ 839,000	\$ 383,818	\$ 814,000	\$ 332,625	\$ 481,375	40.9%
Irrigation Development						
ND Irrigation Association	\$ 50,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000	50.0%
NDSU Oakes Irrigation Site	\$ 202,575	\$ 174,680	\$ 167,875	\$ 196,083	\$ (28,208)	116.8%
Robert Titus Lease	\$ 16,625	\$ 16,484	\$ 17,000	\$ 16,083	\$ 917	94.6%
Irrigation Development	\$ 642,000	\$ 640,183	\$ 26,000	\$ 2,797	\$ 23,203	10.8%
Total Irrigation Development	\$ 911,200	\$ 881,347	\$ 260,875	\$ 239,963	\$ 20,912	92.0%
Recreation						
GDCD Recreation Grant Program	\$ 600,000	\$ 541,988	\$ 850,000	\$ 537,860	\$ 312,140	63.3%
DWRA Recreation Program	\$ 10,000	\$ 4,512	\$ 10,000	\$ 3,360	\$ 6,640	33.6%
Total Recreation	\$ 610,000	\$ 546,500	\$ 860,000	\$ 541,220	\$ 318,780	62.9%
Water Supply Grant Program	\$ 300,000	\$ 98,614	\$ 300,000	\$ 135,157	\$ 164,843	45.1%
Irrigation Districts Expense						
Irrigation Districts	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	0.0%
Total Irrigation Districts Expense	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	0.0%
Maintenance & Repair						
Equipment Maintenance	\$ 31,000	\$ 30,543	\$ 27,000	\$ 11,938	\$ 15,062	44.2%
Small Yard Equipment Purchases	\$ -	\$ -	\$ 5,000	\$ -	\$ 5,000	0.0%
Land & Bldg Maintenance	\$ 40,000	\$ 39,476	\$ 35,000	\$ 9,157	\$ 25,843	26.2%
Auto Expense	\$ 15,000	\$ 13,462	\$ 15,000	\$ 10,198	\$ 4,802	68.0%
Total Maintenance & Repair	\$ 86,000	\$ 83,481	\$ 82,000	\$ 31,293	\$ 50,707	38.2%
Capital Purchases						
Office Equip & Furniture	\$ 181,000	\$ 177,157	\$ 20,000	\$ 5,451	\$ 14,549	27.3%
Yard Equipment	\$ 30,000	\$ 29,899	\$ 20,000	\$ -	\$ 20,000	0.0%
Vehicle	\$ 60,000	\$ 57,786	\$ 40,000	\$ -	\$ 40,000	0.0%
Land and Buildings	\$ 110,000	\$ 106,399	\$ 15,000	\$ 337,255	\$ (322,255)	2248.4%
Total Capital Purchases	\$ 381,000	\$ 371,241	\$ 95,000	\$ 342,706	\$ (247,706)	360.7%
Total General Fund	\$ 5,110,540	\$ 4,069,469	\$ 4,419,375	\$ 2,935,079	\$ 1,484,296	66.4%

**GARRISON DIVERSION CONSERVANCY DISTRICT
EXPENSE BUDGET ANALYSIS STATEMENT
For Nine Months Ended September 30, 2023**

	Budget 1/1/22 to 12/31/22	Expenditures Chargeable to 2022 Budget	Budget 1/1/23 to 12/31/23	2023 Actual as of 09/30/2023	Balance of Budget as of 09/30/2023	Percentage of Budget Spent
IRRIGATION FUND						
McClusky Canal Irrigation:	\$ 722,800	\$ 536,062	\$ 446,100	\$ 205,831	\$ 240,269	46.1%
Construction	\$ 290,000	\$ 261,007	\$ -	\$ 18,769	\$ (18,769)	0.0%
Operations	\$ 432,800	\$ 275,055	\$ 446,100	\$ 187,062	\$ 259,038	41.9%
Debt Payments	\$ 217,000	\$ 216,648	\$ 382,000	\$ 75,097	\$ 306,903	19.7%
Principal	\$ 171,630	\$ 171,282	\$ 315,000	\$ 55,892	\$ 259,108	17.7%
Interest	\$ 45,370	\$ 45,366	\$ 67,000	\$ 19,205	\$ 47,795	28.7%
Total Irrigation Fund	\$ 939,800	\$ 752,710	\$ 828,100	\$ 280,928	\$ 547,172	33.9%
GDU O & M						
Salaries and Benefits	\$ 2,247,266	\$ 2,070,155	\$ 1,921,000	\$ 1,638,508	\$ 282,492	85.3%
Salaries	\$ 1,446,050	\$ 1,366,860	\$ 1,183,000	\$ 1,091,335	\$ 91,665	92.3%
Benefits	\$ 801,216	\$ 703,295	\$ 738,000	\$ 547,173	\$ 190,827	74.1%
Travel	\$ 17,115	\$ 7,099	\$ 14,000	\$ 22,650	\$ (8,650)	161.8%
Training	\$ 9,000	\$ -	\$ 4,000	\$ 3,239	\$ 761	81.0%
Utilities	\$ 87,000	\$ 79,965	\$ 93,000	\$ 59,622	\$ 33,378	64.1%
Contractual Services	\$ 2,066,225	\$ 2,004,988	\$ 423,000	\$ 201,749	\$ 221,251	47.7%
Supplies	\$ 624,000	\$ 552,792	\$ 225,000	\$ 353,934	\$ (128,934)	157.3%
Capital Purchases	\$ 385,000	\$ 296,614	\$ 400,000	\$ 377,108	\$ 22,892	94.3%
Small Equipment Purchases	\$ -	\$ -	\$ 11,000	\$ -	\$ 11,000	0.0%
Equipment Rental	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000	0.0%
Equipment Maintenance	\$ 236,240	\$ 196,809	\$ 505,000	\$ 163,283	\$ 341,717	32.3%
Safety	\$ 58,985	\$ 33,676	\$ 53,000	\$ 54,201	\$ (1,201)	102.3%
Miscellaneous	\$ 22,000	\$ 14,435	\$ 13,000	\$ 3,248	\$ 9,752	25.0%
Materials	\$ 232,000	\$ 79,073	\$ 475,000	\$ 305,002	\$ 169,998	64.2%
Total GDU O & M	\$ 5,984,831	\$ 5,335,606	\$ 4,187,000	\$ 3,182,544	\$ 1,004,456	76.0%
MR&I Fund						
Salaries & Benefits	\$ 73,000	\$ 71,839	\$ 82,000	\$ 54,915	\$ 27,085	67.0%
State Administration	\$ 103,835	\$ 57,058	\$ 153,000	\$ 34,706	\$ 118,294	22.7%
MR&I Project Expenditures	\$ 27,000,000	\$ 25,292,604	\$ 20,000,000	\$ 14,240,913	\$ 5,759,087	71.2%
Total MR&I Fund	\$ 27,176,835	\$ 25,421,501	\$ 20,235,000	\$ 14,330,534	\$ 5,904,466	70.8%
RRV Water Supply Project						
Right of Way	\$ 90,000	\$ 88,594	\$ 1,000,000	\$ 764,425	\$ 235,575	76.4%
Design/Construction in Progress	\$ 27,950,000	\$ 27,923,627	\$ 24,000,000	\$ 17,212,130	\$ 6,787,870	71.7%
Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
Professional Services	\$ 520,000	\$ 513,483	\$ 400,000	\$ 242,056	\$ 157,944	61%
Financing/Legal/Administration	\$ 505,000	\$ 500,349	\$ 400,000	\$ 242,056	\$ 157,944	60.5%
Other Engineering	\$ 15,000	\$ 13,134	\$ -	\$ -	\$ -	0.0%
Debt Payments	\$ 331,491	\$ 331,491	\$ -	\$ 331,491	\$ (331,491)	0%
Principal	\$ 308,201	\$ 308,201	\$ -	\$ 278,935	\$ (278,935)	0.0%
Interest	\$ 23,290	\$ 23,290	\$ -	\$ 52,556	\$ (52,556)	0.0%
Total RRVWSP	\$ 28,891,491	\$ 28,857,195	\$ 25,400,000	\$ 18,550,102	\$ 6,849,898	73.0%
TOTAL ALL FUNDS	\$ 68,103,497	\$ 64,436,481	\$ 55,069,475	\$ 39,279,187	\$ 15,790,288	71.3%

GARRISON DIVERSION CONSERVANCY DISTRICT
GDCD RECREATION GRANT PROGRAM
OUTSTANDING PROJECTS
July 1, 1990 to September 30, 2023

23-233

COUNTY	PROJECT	GRANT APPROVAL DATE	OUTSTANDING PROJECTS	PROJECTS APPROVED 2023	EXPENDITURES 04-23-15 to 12-31-2022	EXPENDITURES 1-1-23 to 09-30-23	AMOUNTS RETURNED TO PROGRAM	BALANCE REMAINING 09-30-23
Barnes	Sheyenne River Water Trail	04-29-21	\$ 51,005.00					\$ 51,005.00
Barnes	City Wimbledon-Bathroom/Park Upgrade	03-30-23		\$ 12,999.00		\$ 12,999.00		\$ -
Barnes	Valley City Parks-Hi-Line Pickleball Court	09-20-23		\$ 75,000.00				\$ 75,000.00
Bottineau	Kramer City Park	09-28-22	\$ 21,250.00					\$ 21,250.00
Bottineau	T-Bar Lift at Winter Park	09-28-22	\$ 75,000.00			\$ 75,000.00		\$ -
Bottineau	Turtle Mountain Pickle Ball	03-30-23		\$ 4,750.00		\$ 3,488.82	\$ (1,261.18)	\$ -
Bottineau	City of Landa-Restroom Facilites	09-20-23		\$ 6,250.00				\$ 6,250.00
Burleigh	Steckel Boat Landing Picnic Shelter	04-29-21	\$ 6,000.00					\$ 6,000.00
Burleigh	4H Arena Play Area	09-23-21	\$ 31,291.00					\$ 31,291.00
Burleigh	Sibley Campground Electrical Updates	09-23-21	\$ 36,746.00			\$ 36,746.00		\$ -
Burleigh	American Legion Splash Pad	09-28-22	\$ 30,000.00			\$ 17,232.25		\$ 12,767.75
Burleigh	Wilton North Park Pickle Ball Court	09-28-22	\$ 2,395.00			\$ 958.10		\$ 1,436.90
Cass	RRV Fair Campground Phase I	05-06-20	\$ 4,721.00				\$ (4,721.00)	\$ -
Cass	Casselton Parks Revitalization	10-01-20	\$ 1,995.00		\$ 605.00	\$ 655.00	\$ (735.00)	\$ -
Cass	Casselton Shared Use Path	09-23-21	\$ 50,000.00					\$ 50,000.00
Cass	Mapleton Shared Use Path	09-23-21	\$ 50,000.00			\$ 50,000.00		\$ -
Cass	Brewer Lake Water Hook-ups	03-30-22	\$ 638.00					\$ 638.00
Cass	Tinta Tawa Park Restroom	03-30-22	\$ 9,575.00					\$ 9,575.00
Cass	West Fargo Park District Playground Imp	09-28-22	\$ 16,145.00					\$ 16,145.00
Cass	Harwood-Splash Pad	03-30-23		\$ 27,204.00				\$ 27,204.00
Cass	North Elmwood Park Restoration	03-30-23		\$ 24,323.00				\$ 24,323.00
Cass	Tower City Pickle Courts	03-30-23		\$ 4,700.00				\$ 4,700.00
Cass	Casselton-Governor's Share Use Path	09-20-23		\$ 75,000.00				\$ 75,000.00
Cass	Fargo Park-Pepsi Soccer Playground	09-20-23		\$ 62,500.00				\$ 62,500.00
Dickey	West Side Park Playground	04-29-21	\$ 7,520.00					\$ 7,520.00
Dickey	Ellendale Baseball Grandstand Reno	09-28-22	\$ 20,000.00					\$ 20,000.00
Dickey	Wilson Dam Picnic Shelter Renovation	09-28-22	\$ 1,778.00					\$ 1,778.00
Dickey	Ellendale-Ice Skating Rink Expansion	09-20-23		\$ 4,500.00				\$ 4,500.00
Dickey	Oakes -Main Street Park	09-20-23		\$ 26,125.00				\$ 26,125.00
Eddy	Warming House/Boat Rental Building	04-29-21	\$ 5,750.00					\$ 5,750.00
Foster	Foster County Fairgrounds Picnic Shelter	09-23-21	\$ 5,191.00					\$ 5,191.00
Foster	Baseball/Softball Diamond Renovations	03-30-22	\$ 75,000.00		\$ 12,507.93	\$ 24,797.50		\$ 37,694.57
Foster	Carrington West Park Renovation	03-30-22	\$ 61,202.00		\$ 22,500.00	\$ 16,006.00		\$ 22,696.00
Foster	Carrington -Baseball Diamond	09-20-23		\$ 26,906.00				\$ 26,906.00
Grand Forks	Bringewatt Park Water Station	09-23-21	\$ 10,000.00					\$ 10,000.00
Grand Forks	Kraft Field Grandstand Replacement	09-28-22	\$ 75,000.00					\$ 75,000.00
Grand Forks	Manvel Community Park Improvement	09-28-22	\$ 12,699.00					\$ 12,699.00
Grand Forks	Lincoln Drive Park Family Games Area	03-30-23		\$ 10,000.00				\$ 10,000.00
Grand Forks	Grand Forks -Kraft Field Turf Resurfacing	09-20-23		\$ 56,250.00				\$ 56,250.00
Griggs	Binford Park Playground Update	03-30-22	\$ 2,950.00			\$ 1,249.50		\$ 1,700.50
Griggs	Binford Rodeo Ass. Community Centre	09-28-22	\$ 75,000.00					\$ 75,000.00
LaMoure	Sunset Park Revitalization Phase II	05-06-20	\$ 45,000.00		\$ 27,025.23			\$ 17,974.77
LaMoure	LaMoure Park-Sunset Park Swim Center	09-20-23		\$ 75,000.00				\$ 75,000.00
McHenry	Upham Park Improvement	04-29-21	\$ 9,125.00		\$ 8,627.75			\$ 497.25
McHenry	Splash Pad	09-23-21	\$ 19,838.00		\$ 1,725.00			\$ 18,113.00
McHenry	City of Upham-Park Restrooms	03-30-23		\$ 12,500.00				\$ 12,500.00
McHenry	Towner -Baseball Field Renovation	09-20-23		\$ 3,750.00				\$ 3,750.00
McKenzie	Tobacco Garden Shower/Bathroom	03-30-23		\$ 40,071.00				\$ 40,071.00
McLean	Walking/Bike Path Underwood	05-06-20	\$ 15,668.00				\$ (15,668.00)	\$ -
McLean	Lakeside Park Gazebo/Riverdale	04-29-21	\$ 1,500.00					\$ 1,500.00
McLean	Playground Equipment-Coleharbor	09-23-21	\$ 23,460.00			\$ 5,865.00		\$ 17,595.00
McLean	Garrison Softball Field Renovation	09-28-22	\$ 75,000.00					\$ 75,000.00
McLean	City of Butte-City Park	03-30-23		\$ 874.00				\$ 874.00
McLean	Arena Announcer Office & Concessions	03-30-23		\$ 6,946.00				\$ 6,946.00
McLean	Nelson Park & Community Garden	03-30-23		\$ 12,750.00				\$ 12,750.00
McLean	Sportsmen's Centennial Park Boat Ramp	03-30-23		\$ 6,250.00		\$ 4,480.04	\$ (1,769.96)	\$ -
McLean	McLean-Dynamite Bay Public Stairs	09-20-23		\$ 1,618.00				\$ 1,618.00
Nelson	Toina City Park Restrooms	10-03-18	\$ 21,933.00					\$ 21,933.00
Nelson	Stump Lake Playground	03-30-22	\$ 13,869.00			\$ 11,833.89	\$ (2,035.11)	\$ -
Nelson	Lakota Wading Pool	09-28-22	\$ 51,030.00			\$ 51,030.00		\$ -
Pierce	Buffalo Lake Camp Site	04-29-21	\$ 3,250.00		\$ 1,930.06			\$ 1,319.94
Pierce	Barton Park Picnic Tables/Play Gym	09-23-21	\$ 1,250.00					\$ 1,250.00
Pierce	Rugby-Jaycee's Splashpad	03-30-23		\$ 40,202.00				\$ 40,202.00
Ramsey	Roosevelt Park Activity Building	09-28-22	\$ 75,000.00					\$ 75,000.00
Ramsey	Devils Lake-Indoor Playground	09-20-23		\$ 37,500.00				\$ 37,500.00
Ramsey	Ramsey County-Multi-Purpose Event Center	09-20-23		\$ 75,000.00				\$ 75,000.00
Ransom	Dead Colt Walkway	04-29-21	\$ 23,750.00					\$ 23,750.00
Ransom	Sheldon Pickle Ball/BB Courts	03-30-22	\$ 5,262.00					\$ 5,262.00
Renville	Mouse River Park Campground Electrical	09-23-21	\$ 3,750.00			\$ 3,750.00		\$ -
Renville	Mohall Splash Pad	09-28-22	\$ 20,000.00			\$ 17,280.63		\$ 2,719.37
Renville	Mohall Splash Pad Phase II	03-30-23		\$ 6,875.00		\$ 6,875.00		\$ -
Richland	City Park Improvement-Abercrombie	04-29-21	\$ 34,682.00					\$ 34,682.00
Richland	Campground-Hankinson Park Board	04-29-21	\$ 29,984.00			\$ 15,789.61	\$ (14,194.39)	\$ -
Richland	Chaninkapa Park Multipurpose Shelter	03-30-22	\$ 42,000.00					\$ 42,000.00
Richland	Manatador Park Softball Dugouts	03-30-22	\$ 2,000.00					\$ 2,000.00
Richland	Wyndmere Park Board	03-30-22	\$ 10,728.00					\$ 10,728.00
Richland	Fairmount-Park Playground Equipment	03-30-23		\$ 9,750.00				\$ 9,750.00
Sargent	Silver Lake Bath House	05-06-20	\$ 6,377.00			\$ 6,377.00		\$ -
Sargent	North View Playground Milnor	03-30-22	\$ 14,210.00					\$ 14,210.00
Sargent	Gwinner Aquatic Center	09-28-22	\$ 75,000.00			\$ 19,962.50		\$ 55,037.50
Sargent	Forman-Main Street Pocket Park	03-30-23		\$ 2,213.00			\$ (2,213.00)	\$ -
Sargent	Forman-Central Park Community Gardens	09-20-23		\$ 1,375.00				\$ 1,375.00
Sheridan	Hoffer Lake Beach & Swimming Develop.	09-23-21	\$ 4,093.00					\$ 4,093.00

GARRISON DIVERSION CONSERVANCY DISTRICT
GDCD RECREATION GRANT PROGRAM
OUTSTANDING PROJECTS
July 1, 1990 to September 30, 2023

COUNTY	PROJECT	GRANT APPROVAL DATE	OUTSTANDING PROJECTS	PROJECTS APPROVED 2023	EXPENDITURES 04-23-15 to 12-31-2022	EXPENDITURES 1-1-23 to 09-30-23	AMOUNTS RETURNED TO PROGRAM	BALANCE REMAINING 09-30-23
Sheridan	Sheridan County-Hoffer Lake Rec Area	09-20-23		\$ 2,850.00				\$ 2,850.00
Steele	City Park Development-Colgate	04-29-21	\$ 6,250.00					\$ 6,250.00
Steele	Finley-Park Playground Equipment	03-30-23		\$ 13,750.00				\$ 13,750.00
Stutsman	Park Bench Project-Stutsman County	04-29-21	\$ 3,113.00					\$ 3,113.00
Stutsman	Electrical Upgrades for Campers	09-23-21	\$ 1,750.00					\$ 1,750.00
Stutsman	Field Renovation Phase I	09-28-22	\$ 75,000.00					\$ 75,000.00
Stutsman	Jamestown Reservoir Vault Toilet	09-28-22	\$ 6,204.00					\$ 6,204.00
Stutsman	4-H Horse Arena Improvement	03-30-23		\$ 8,843.00				\$ 8,843.00
Stutsman	Pedestrian Bridge Replacement	03-30-23		\$ 75,000.00				\$ 75,000.00
Stutsman	Lakeside Campground Improvements	03-30-23		\$ 5,574.00				\$ 5,574.00
Stutsman	Lawrence Trapper Softball Lighting	03-30-23		\$ 35,072.00				\$ 35,072.00
Trail	Riverwalk Park & Trail System	05-06-20	\$ 89,973.00			\$ 42,149.05	\$ (47,823.95)	\$ -
Trail	Galesburg Playground	03-30-22	\$ 22,595.00		\$ 21,880.00			\$ 715.00
Trail	Hillsboro Park District	03-30-22	\$ 31,500.00			\$ 31,500.00		\$ -
Trail	Mayville-Basketball Courts	09-20-23		\$ 2,000.00				\$ 2,000.00
Trail	Mayville-Cometville Park Landscape	09-20-23		\$ 21,887.00				\$ 21,887.00
Trail	Mayville-Funbrella Shade	09-20-23		\$ 6,689.00				\$ 6,689.00
Ward	West Park-State Fair	05-06-20	\$ 26,450.00		\$ 21,861.60	\$ 4,588.40		\$ 0.00
Ward	Rice Lake Pavilion	05-06-20	\$ 26,950.00					\$ 26,950.00
Ward	Ward County Parks 2022	03-30-22	\$ 10,632.00					\$ 10,632.00
Ward	11th & 11th Park Playground	09-28-22	\$ 21,875.00					\$ 21,875.00
Ward	Swimming Pool & Bathhouse	09-28-22	\$ 75,000.00					\$ 75,000.00
Ward	ND State Fair-Full Service Camping Hook-ups	03-30-23		\$ 21,375.00		\$ 21,375.00		\$ -
Ward	Talbot Court Disc Golf	03-30-23		\$ 2,465.00				\$ 2,465.00
Ward	Ward County-2024 Ward Co Park Improv	09-20-23		\$ 8,071.00				\$ 8,071.00
Ward	Minot-Pump Track	09-20-23		\$ 75,000.00				\$ 75,000.00
Wells	Fessenden-Splash Pad	09-20-23		\$ 49,250.00				\$ 49,250.00
Williams	Confluence Beautification	05-06-20	\$ 3,675.00				\$ (3,675.00)	\$ -
Williams	McGregor Dam Vault Toilet	04-29-21	\$ 17,500.00					\$ 17,500.00
Williams	Confluence Ramp	04-29-21	\$ 4,750.00					\$ 4,750.00
Williams	Coyote Clay Target League Range	03-30-22	\$ 55,872.00			\$ 55,872.00		\$ -
Williams	Wildrose Community Garden	03-30-22	\$ 1,000.00					\$ 1,000.00
Williams	BlackTail Beach Trail	09-28-22	\$ 22,500.00					\$ 22,500.00
Williams	Tioga Dam Trail & Park	09-28-22	\$ 24,000.00					\$ 24,000.00
Williams	Williston Water World	03-30-23		\$ 75,000.00				\$ 75,000.00
								\$ -
TOTALS			\$1,893,199.00	\$1,152,007.00	\$118,662.57	\$537,860.29	(\$94,096.59)	\$ 2,294,586.55

GARRISON DIVERSION CONSERVANCY DISTRICT WATER ASSISTANCE GRANT PROGRAM OUTSTANDING PROJECTS June 1, 2021 to September 30, 2023									
COUNTY	Sponsor	PROJECT	GRANT APPROVAL DATE	OUTSTANDING PROJECTS	PROJECTS APPROVED 2023	EXPENDITURES 1-1-21 to 12-31-22	EXPENDITURES 1-1-23 to 09-30-23	AMOUNTS RETURNED TO PROGRAM	BALANCE REMAINING 09-30-23
Barnes	BRWD	Finger, Blake	08-24-23		\$ 9,775.00				\$ 9,775.00
Bureigh	SCRWD	Leier, Tavi	08-15-22	\$ 1,351.00				\$ 1,351.00	\$ -
Benson	ASWUD	Sten, Tiffany	08-24-23		\$ 10,000.00		\$ 10,000.00		\$ -
Benson	CPWD	Foss, Scott	08-24-23		\$ 10,000.00				\$ 10,000.00
Cass	CRWD	Link, Steve	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Cass	CRWD	Nudell, Riggs	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Cass	CRWD	Pfeifer, Alex	05-10-23		\$ 10,000.00				\$ 10,000.00
Cass	CRWD	Richard, Leroy	05-10-23		\$ 10,000.00				\$ 10,000.00
Cass	CRWD	Claus, Dylan	08-24-23		\$ 9,025.00				\$ 9,025.00
Cass	CRWD	Korthof, Jack	08-24-23		\$ 8,413.00				\$ 8,413.00
Eddy	GRWD	Harding, Logan	05-10-23		\$ 2,825.00		\$ 2,300.00		\$ 525.00
Eddy	GRWD	Snyder,Dale	05-10-23		\$ 7,150.00				\$ 7,150.00
Eddy	GRWD	Topp, Ryan	05-10-23		\$ 10,000.00				\$ 10,000.00
McKenzie	MCWRD	Heiser, Lynn	08-15-22	\$ 6,188.00			\$ 6,188.00		\$ -
McKenzie	MCWRD	Linseth, Elyce & Tyler	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
McLean	NPRWD	Andes, Hunter	08-24-23		\$ 8,463.00		\$ 7,496.21	\$ 966.79	\$ -
Nelson	TCRWD	Reinhart, Marlin	08-11-21	\$ 10,000.00				\$ 10,000.00	\$ -
Ramsey	GRWD	Klemetsrud, Scott	05-18-22	\$ 1,650.00			\$ 1,650.00		\$ -
Ramsey	GRWD	Lacina, Tane	08-15-22	\$ 5,550.00		\$ 4,125.00			\$ 1,425.00
Ramsey	GRWD	Newgard, Brent	05-10-23		\$ 10,000.00				\$ 10,000.00
Ramsey	GRWD	Shoenfish, Evan	05-10-23		\$ 10,000.00				\$ 10,000.00
Ransom	BRWD	Smith, Wyatt	08-24-23		\$ 4,000.00		\$ 3,022.76		\$ 977.24
Ransom	SEWUD	Johanneson, Deb	08-24-23		\$ 10,000.00				\$ 10,000.00
Renville	USWD	Frame, Jane	05-18-22	\$ 6,550.00					\$ 6,550.00
Richland	SEWUD	Andvik, Bruce & April	08-11-21	\$ 10,000.00			\$ 10,000.00		\$ -
Richland	SEWUD	Wolters, Andy	08-15-22	\$ 8,475.00					\$ 8,475.00
Sargent	SEWUD	Schmidt, Anthony	08-24-23		\$ 6,287.00				\$ 6,287.00
Sargent	SEWUD	Storhaug, Travers & Brittany	08-24-23		\$ 2,035.00				\$ 2,035.00
Stutsman	SRWD	Carlson, Layne	06-01-21	\$ 9,000.00				\$ 9,000.00	\$ -
Stutsman	SRWD	Carlson, Ryan	06-01-21	\$ 9,000.00				\$ 9,000.00	\$ -
Stutsman	SRWD	Christenson, Gordon	06-01-21	\$ 1,500.00				\$ 1,500.00	\$ -
Stutsman	SRWD	Dunwoody, Clint	06-01-21	\$ 10,000.00				\$ 10,000.00	\$ -
Stutsman	SRWD	Sabinash, Mike	06-01-21	\$ 10,000.00				\$ 10,000.00	\$ -
Stutsman	SRWD	Reich, Becky	08-11-21	\$ 4,500.00			\$ 4,500.00		\$ -
Stutsman	SRWD	Wahl, John	05-18-22	\$ 1,630.00					\$ 1,630.00
Stutsman	SRWD	Dick, Lee	05-10-23		\$ 10,000.00				\$ 10,000.00
Stutsman	SRWD	Haas, Eric	05-10-23		\$ 580.00				\$ 580.00
Stutsman	SRWD	Kleven, Allen	05-10-23		\$ 1,120.00				\$ 1,120.00
Stutsman	SRWD	Sortland, Brady	05-10-23		\$ 10,000.00				\$ 10,000.00
Stutsman	BRWD	Peterson, Matt	08-24-23		\$ 10,000.00				\$ 10,000.00
Stutsman	SRWD	Collins, Cecelia	08-24-23		\$ 2,565.00				\$ 2,565.00
Stutsman	SRWD	Kamletz, Richard	08-24-23		\$ 1,950.00				\$ 1,950.00
Stutsman	SRWD	Kienzle, Linda	08-24-23		\$ 2,250.00				\$ 2,250.00
Stutsman	SRWD	Michel, Cody	08-24-23		\$ 3,210.00				\$ 3,210.00
Stutsman	SRWD	Milo Trucking	08-24-23		\$ 3,500.00				\$ 3,500.00
Stutsman	SRWD	Zillmer, Jordan & Erica	08-24-23		\$ 1,965.00				\$ 1,965.00
Ward	NPRWD	Hendrickson, Joann & Duwayne	08-15-22	\$ 2,197.00					\$ 2,197.00
Ward	NPRWD	Keller, Dean	08-15-22	\$ 1,182.00					\$ 1,182.00
Ward	NPRWD	Wing, Michael & Crystal	08-15-22	\$ 2,469.00					\$ 2,469.00
Ward	NPRWD	Clark, Wade	08-24-23		\$ 10,000.00		\$ 10,000.00		\$ -
Wells	CPWD	Erdman, Kyle	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Wells	CPWD	Radamacher, Delaine	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Wells	CPWD	Schmaltz, Jeremy	10-06-22	\$ 10,000.00			\$ 10,000.00		\$ -
		City of Hannaford	2/10/2023		\$ 20,000.00		\$ 20,000.00		\$ -
TOTALS				\$ 111,242.00	\$ 265,113.00	\$ 4,125.00	\$ 135,156.97	\$ 51,817.79	\$ 185,255.24

GARRISON DIVERSION CONSERVANCY DISTRICT WATER ASSISTANCE GRANT PROGRAM COMPLETED PROJECTS June 1, 2021 to December 31, 2022						
COUNTY	Sponsor	PROJECT	GRANT APPROVAL DATE	PROJECTS APPROVED 2021-2022	EXPENDITURES 6-1-21 to 12-31-22	AMOUNTS RETURNED TO PROGRAM
Benson	CPWD	Johnson, Keith & Jean	08-15-22	\$ 10,000.00	\$ 10,000.00	
Bottineau	USWD	Sponsel, Orvil & Shannon	05-18-22	\$ 3,989.00	\$ 3,989.00	
Burleigh	SCRWD	Irman, Mary Jo	06-01-21	\$ 1,511.00	\$ 1,510.25	\$ (0.75)
Burleigh	SCRWD	Roehrich, Cody	06-01-21	\$ 1,398.00	\$ 1,397.29	\$ (0.71)
Burleigh	SCRWD	Bloom, Jenny	04-07-22	\$ 7,474.00	\$ 7,474.00	
Eddy	CPWD	Rue, Dylan	06-01-21	\$ 3,800.00	\$ 3,800.00	
Foster	GRWD	Theis, Riley	04-07-22	\$ 10,000.00	\$ 10,000.00	
LaMoure	SRWD	Azzone, Tyler	05-18-22	\$ 4,450.00	\$ 4,450.00	
LaMoure	SRWD	Bolme Tyler	05-18-22	\$ 5,830.00	\$ 5,830.00	
McLean	MSRWD	Wannemacher, Melodie	10-06-22	\$ 5,259.00	\$ 5,259.00	
Nelson	TCRWD	Syverson, Joey & Kirstie	08-11-21	\$ 9,725.00	\$ 9,725.00	
Ramsey	GRWD	Eveslage, Travis	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Kowal, Alex	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Triepke, Travis	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Myklebust, Lee	08-26-21	\$ 10,000.00	\$ 10,000.00	
Ramsey	GRWD	Wakefield, Bill	04-07-22	\$ 10,000.00		\$ (10,000.00)
Ramsey	GRWD	Samuelson Welding	05-18-22	\$ 1,550.00	\$ 1,550.00	
Ramsey	GRWD	Beattie, Larry & Karen	08-15-22	\$ 4,250.00	\$ 4,250.00	
Renville	USWD	Backes Brothers Farm	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Bloms, Brian	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Bloms, Richard	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Lynch, Andrew & Amanda	08-11-21	\$ 10,000.00		\$ (10,000.00)
Richland	SEWUD	Holck, Jeremy	08-11-21	\$ 6,442.00	\$ 6,441.50	\$ (0.50)
Sheridan	MSRWD	Stein, Chris & Angela	06-01-21	\$ 2,325.00	\$ 2,325.00	
Stutsman	SRWD	Ganser, Travis	06-01-21	\$ 2,500.00	\$ 2,500.00	
Stutsman	SRWD	Agri Partners ND, LLC	06-01-21	\$ 10,000.00	\$ 10,000.00	
Stutsman	SRWD	Martin, Renae	05-18-22	\$ 350.00	\$ 235.00	\$ (115.00)
Stutsman	SRWD	Gielser Ryan & Megan	05-18-22	\$ 2,280.00	\$ 2,064.81	\$ (215.19)
Stutsman	SRWD	Gillespie, Cheryl	05-18-22	\$ 2,280.00	\$ 2,280.00	
Stutsman	SRWD	Kolbo, Larry & Margo	05-18-22	\$ 2,280.00	\$ 2,064.81	\$ (215.19)
Stutsman	SRWD	Schauer, Breann & Mathew	05-18-22	\$ 750.00	\$ 750.00	
Stutsman	SRWD	Park Board East Boat Wash	05-18-22	\$ 4,400.00		\$ (4,400.00)
Stutsman	SRWD	Park Board West Boat Wash	05-18-22	\$ 800.00		\$ (800.00)
Stutsman	SRWD	The Meadows RV Park	05-18-22	\$ 1,250.00	\$ 1,250.00	
Stutsman	SRWD	Ganser, Travis	6/1/2021	\$ 6,250.00	\$ 6,250.00	
Stutsman	SRWD	VanRay, Troy	05-18-22	\$ 7,000.00	\$ 7,000.00	
Wells	CPWD	Schmeiss, Tim	08-15-22	\$ 2,242.00	\$ 2,242.00	
		City of Turtle Lake	09-08-21	6,154.00	5,891.64	(262.36)
TOTALS				\$192,029.00	\$ 136,019.30	(\$56,009.70)

Garrison Diversion³⁷ Conservancy District
 Recreation Committee Meeting
 September 20, 2023
 Approved Projects

Annex III
 23-237

County	Sponsor	Project Place/Name	Approved
Barnes	Valley City Parks & Recreation District	Hi-Line Park Pickleball Court	\$ 75,000
Bottineau	City of Landa	Restroom Facilities	\$ 6,250
Cass	City of Casselton	Governor's Drive Shared Use Path	\$ 75,000
Cass	Fargo Park District	Pepsi Soccer Complex Playground	\$ 62,500
Dickey	Ellendale Park Board	Ice Skating Rink Expansion	\$ 4,500
Dickey	City of Oakes	Oakes Main Street Park	\$ 26,125
Foster	Carrington Park District	Baseball Diamond	\$ 26,906
Grand Forks	Grand Forks Park District	Kraft Field Infield Turf Resurfacing	\$ 56,250
LaMoure	LaMoure Park District	Sunset Park Swim Center	\$ 75,000
McHenry	City of Towner	Towner Baseball Field Renovation	\$ 3,750
McLean	McLean County Commission	Dynamite Bay Public Stairs	\$ 1,618
Ramsey	Devils Lake Park Board	Indoor Playground	\$ 37,500
Ramsey	Ramsey County Fair Board	Multi-Purpose Event Center	\$ 75,000
Sargent	City of Forman	Central Park Community Gardens	\$ 1,375
Sheridan	Sheridan County Park Board	Hoffer Lake Rec Area Tables/Courtesy Dock	\$ 2,850
Traill	Mayville Park Board	Basketball Courts @ Waterpark & Southside	\$ 2,000
Traill	Mayville Park Board	Cometville Park Landscape/Sign/Parking	\$ 21,887
Traill	Mayville Park Board	Funbrella Shade @ Waterpark	\$ 6,689
Ward	Ward County Parks	2024 Ward County Park Improvements	\$ 8,071
Ward	Minot Park District	Minot Pump Track	\$ 75,000
Wells	Fessenden Park Board	Fessenden Splash Pad	\$ 49,250
		TOTAL	\$ 692,521

GARRISON DIVERSION CONSERVANCY DISTRICT
MR&I Project Construction Report
September 30, 2023

Project	Current Funding					
	Federal		Prior		2023	
	MR&I Funding	MR&I Fund Expenditures	MR&I Fund Expenditures	MR&I Fund Expenditures	Total Expenditures	Federal MR&I Funding Remaining
ENDAWS	\$ 3,870,000.00	\$ 240,772.30	\$ 240,416.46	\$ 481,188.76	\$ 3,388,811.24	
NAWS-Biota Treatment Plant	\$ 60,261,678.15	\$ 35,750,453.72	\$ 12,455,728.72	\$ 48,206,182.44	\$ 12,055,495.71	
Biota WTP Ultra Violet Reactor	\$ 707,125.00	\$ 362,659.00	\$ 269,518.30	\$ 632,177.30	\$ 74,947.70	
Biota WTP Dissolved Air Flotation Equip	\$ 1,843,870.00	\$ 80,500.00	\$ 1,275,250.00	\$ 1,355,750.00	\$ 488,120.00	
NAWS-Westhope All Seasons III	\$ 4,186,000.00	\$ 3,415,729.46	\$ 3,415,729.46	\$ 3,415,729.46	\$ 770,270.54	
NAWS-Glenburn to Renville	\$ 3,058,343.00	\$ 2,689,518.18	\$ 2,689,518.18	\$ 2,689,518.18	\$ 368,824.82	
NAWS-Westhope to Souris River	\$ 3,514,026.00	\$ 3,210,130.47	\$ 3,210,130.47	\$ 3,210,130.47	\$ 303,895.53	
NAWS-Souris Corner to Bottineau	\$ 3,000,000.00	\$ 2,943,369.46	\$ 2,943,369.46	\$ 2,943,369.46	\$ 56,630.54	
Totals	\$ 80,441,042.15	\$ 48,693,132.59	\$ 14,240,913.48	\$ 62,934,046.07	\$ 17,506,996.08	

**GARRISON DIVERSION CONSERVANCY DISTRICT
MR&I BIL Agreement Project Construction Report
September 30, 2023**

Project	Current Funding			2023			Federal
	Federal MR&I Funding	Prior MR&I Fund Expenditures	MR&I Fund Expenditures	MR&I Fund Expenditures	Total Expenditures	MR&I Funding Remaining	
NAWS	\$ 33,545,000.00	\$ -	\$ -	\$ -	\$ -	33,545,000.00	
Totals	\$ 33,545,000.00	\$ -	\$ -	\$ -	\$ -	\$ 33,545,000.00	



BLACK & VEATCH CORPORATION
11401 LAMAR AVE, OVERLAND PARK, KANSAS
913-458-2000 | BOERSMAPM@BV.COM

October 18, 2023

Garrison Diversion Conservancy District
Red River Valley Water Supply Project
Transmission Pipeline East
Bordulac to James River, Foster County, ND
Task Order 5533, Contract 5C

BV Project 188972/415094
BV File 55.5533.3

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

Dear Mr. DeKrey:

This letter provides the bid results of the bid opening held at Garrison Diversion Conservancy District's Carrington Office on September 21, 2023, at 2 p.m. local time. A total of four bids were received for the Transmission Pipeline East, Contract 5C project (the Project): all four bids were opened and read aloud. The bid results are as follows:

Table 1 – Bid Tabulation Summary

No.	Bidder	Base Bid	Differences Between Low Base Bid	Additive Bid Alternate No. 1	Total of Base Bid and Alternate No. 1	Differences Between Low Base Bid Plus Alternate No. 1
1	SJ Louis	\$69,135,254	\$0	\$2,020,483	\$71,155,737	\$0
2	Oscar Renda	\$76,663,355	\$7,528,101	\$3,009,230	\$79,672,585	\$8,516,848
3	Thalle	\$78,308,327	\$9,173,073	\$3,740,043	\$82,048,370	\$10,892,633
4	Harper Brothers	\$79,086,646	\$9,951,392	\$3,310,153	\$82,396,799	\$11,241,062
	Engineer's Estimate	\$80,002,065	\$10,866,811	\$4,298,900	\$84,300,965	\$13,145,228

SJ Louis Construction, Inc. of Rockville, Minnesota (SJ Louis) submitted both the apparent low Base Bid and the apparent low Base Bid plus Additive Bid Alternates No. 1. Oscar Renda Contracting, Inc. of Grapevine, Texas (Oscar Renda) submitted the second low bid in both cases. Thalle Construction Company, Inc. of Hillsborough, North Carolina (Thalle) submitted the third low bid in both cases.

Before providing a recommendation, this letter addresses the following considerations:

- Evaluation of the bids,
- Required qualifications for general contracting,
- Required qualifications for tunnel subcontracting, and
- Prequalification process for pipeline general contractors.

EVALUATION OF THE BIDS

A comparison of the Base Bid of the apparent low bidder and second low bidder shows a difference of \$7,528,101 or approximately ten percent. In general, the bids fell into two categories – the low bid of SJ Louis and the other three bidders and the Engineer's estimate. While ten percent lower is notable, it is within the range of common bidding variability. The Engineer's opinion of probable construction cost prepared by Black & Veatch was \$80,002,065, which was slightly higher than the four bidders. There were no other irregularities found in the apparent low bidder's Bid Form and its bidding documents.

REQUIRED QUALIFICATIONS FOR GENERAL CONTRACTING

To demonstrate a general contractor's qualifications to perform the work contemplated in the plans and specifications, Specification Section 00 45 20 – General Contractor Qualifications Submittal Package required general contractors to have the following minimum qualifications:

- A minimum of 10 years of experience installing large diameter steel pipe.
- At least three successfully completed projects within the last 10 years with these characteristics:
 - Projects must each have been at least 10,000 feet in length.
 - They must each have included installation of 42-inch or larger diameter pipe.
 - Projects must each have included steel pipe handling and installation.

The requirements of the General Contractor Qualifications Submittal Package included in the bidding documents were the same as those developed and required of the pipeline general contractor prequalification process undertaken earlier this year by Garrison Diversion.

REQUIRED QUALIFICATIONS FOR TUNNEL SUBCONTRACTING

In addition, a critical part of the Work is the trenchless crossings. Due to this fact, Specification Section 00 45 21 – Tunneling Contractor Qualifications Form was included in the specifications requiring the tunneling contractor/ subcontractor to have the following minimum qualifications:

1. At least 10 years of experience tunneling using similar equipment to that specified for this Project.
2. Two successfully completed projects within the last 10 years with these characteristics:
 - Must have each been at least 300 feet long,
 - Must have each included installation of 72-inch or larger diameter casing pipe, and
 - Must have each used similar machines to what is required for this project.
3. One successfully completed project in glacial geology within the last 10 years with these characteristics:
 - Must have been at least 300 feet long,
 - Must have included installation of 72-inch or larger diameter casing pipe, and
 - Must have used a similar machine to what is required for this project.

PREQUALIFICATION PROCESS FOR PIPELINE GENERAL CONTRACTORS

Garrison Diversion undertook a general contractor Prequalification Process earlier this year, which concluded on July 24, 2023. Through this process, seven general contractors were prequalified for the Owner's pipeline projects. Three bidders for this project (Oscar Renda Contracting, Thalle Construction, and Harper Brothers Construction) were prequalified having successfully demonstrated their qualifications and experience. Hence, a general contractor qualification submittal was not required of those three bidders.

SJ Louis did not participate in the Prequalification Process, so they were required to submit the same information with their bid that was required of the other general contractors. An evaluation of the qualifications SJ Louis submitted with its bid is provided below.

Evaluation of the Apparent Low Bidder, SJ Louis Construction, Inc.

The required general contractor qualifications had two levels of criteria. The first is minimum required criteria that must be met. These criteria included:

1. Does the Contractor have a minimum of 10 years of experience on steel pipeline projects using similar types of equipment?
2. Has the Contractor completed three projects of at least 10,000 linear feet on 42-inch diameter pipeline in the past 10 years?
3. Has the Contractor's license been revoked in the past five years?
4. Has a surety company completed a project for the Contractor in the past five years because the Contractor was in default?
5. At the time of bid, was the Contractor ineligible to bid on a public works contract in any State?
6. At the time of the bid, has any of the company's officers been convicted of a crime regarding the award or performance of a government contract?

Upon review of the information submitted with the bid, it was determined that SJ Louis met the required 10 years of experience for general contracting (Item No. 1 above). SJ Louis responded "No" to Item Nos. 3, 4, 5 and 6; BV has no available information indicating otherwise.

The apparent low bidder, SJ Louis, provided with its bid a list of four projects to demonstrate it met requirement No. 2. BV subsequently determined, through contact interviews and review of letters from project contacts provided by SJ Louis, that three of the referenced projects met the qualification requirements and one did not. See Table 2 for the evaluation of projects submitted. Three qualifying projects were required by the specifications, so SJ Louis does meet the specified minimum required general contractor qualification requirements.

In addition to the required minimum requirements, the qualifications requested information that would be considered in making an award. Table 3 provides a summary of the additional information that would be considered and BV's evaluation of the submitted materials:

Table 2 – SJ Louis’ Referenced Projects for Demonstration of Qualifications

Summary of Qualifications Required	Referenced Project	Engineer’s Evaluation of Acceptability
<p>General Contractor Qualifications At least three successfully completed projects within the last 10 years with these characteristics:</p> <ul style="list-style-type: none"> • Each project must have been at least 10,000 feet in length. • They must have included installation of 42-inch or larger diameter pipe. • Projects must have included steel carrier pipe handling and installation. 	<ol style="list-style-type: none"> 1. City of Columbus, OH, Upground Reservoir Project: Engineer was able to verify project information and successful completion with contact provided. 2. City of Gillette, WY; Madison Pipeline Project: Engineer verified technical project information through contact provided. 3. Canadian River Municipal Water Authority, Sanford, TX; Aqueduct Pipe Repairs: Engineer was able to verify project information and successful completion with contact provided. 4. East Kern Water Agency, Palmdale, CA; Antelope Valley Steel Underground Utility Project; Reference was not contacted as project did not meet time requirements. 	<ol style="list-style-type: none"> 1. Valid project reference. Project met time, material, size, and length requirements. 2. Valid project reference. Project met time, material, size, and length requirements per a letter previously provided by the City of Gillette City dated February 25, 2022. The Gillette City Attorney’s letter of February 25, 2022, indicated the referenced project was completed, work performed by SJ Louis was of high quality, and the project was completed within budget. In a subsequent October 10, 2023, discussion between Attorney Norgard and the Gillette City Attorney, the City Attorney noted the project was not completed on time. However, we do not believe this factor by itself is sufficient to disqualify the project as a reference. 3. Valid project reference. Project met time, material, size, and length requirements. 4. Not a valid project reference. Information submitted by SJ Louis indicates project met size, length, and material requirements; however, the project is outside the 10-year window of September 21, 2013, to September 21, 2023, having been completed in April 2011 per SJ Louis’ information.

Table 3 – Evaluation of SJ Louis’ Other Responses in Its Qualifications Package

Evaluation Criteria	SJ Louis Response	BV Evaluation
Was your company in bankruptcy at any time in the past five years?	No	BV has no information to indicate otherwise.
In the past five years, has a stop work order been issued against your company on a construction project?	Yes	BV concurs with the answer provided by SJ Louis, and BV is aware of at least one stop work order that occurred in Waukesha, Wisconsin.
In the past five years, has a claim against your company been filed in court or in arbitration (amounts greater than \$500,000).	No	<p>The answer is erroneous based upon a review of public records:</p> <ol style="list-style-type: none"> 1. Water District No. 1 of Johnson County, Kansas v. S.J. Louis Construction, Inc., Case No. 2:21-CV-02070, Filed 2/9/21, US District Court, District of Kansas. Contracts - STIPULATION OF DISMISSAL, 4/8/22. 2. Water District No. 1 of Johnson County, Kansas v. S.J. Louis Construction, Inc., Case No. 21CV00176, Filed 1/13/21, Kansas District Court. Contracts – TERMINATED. 3. Plaintiff North Texas Municipal Water District, Defendants SJ Louis Construction of Texas, Ltd. et. al., Filed 11/25/2019, Collin County District Courts, Collin, Texas.
In the past five years, has your company made a claim against any owner concerning work on a project or payment for a contract filed in court or arbitration?	No	<p>This answer is erroneous based upon a review of public records:</p> <ol style="list-style-type: none"> 1. Lewis & Clark Rural Water System, Filed 1/7/2020, Plaintiff SJ Louis Construction, Inc., \$1.7 million in dispute. 2. Water District No. 1 of Johnson County, Decided 4/30/2021, Court of Appeals of Kansas, Appellant SJ Louis Construction, Inc.
In the past five years, has any insurance carrier, for any form of insurance, refused to renew the insurance for your company?	No	BV has no information to indicate otherwise.
Has a State OSHA cited and assessed penalties against your company for any serious, willful, or repeat violations of its health or safety regulations in the past five years?	No	BV has no information to indicate otherwise.

Evaluation Criteria	SJ Louis Response	BV Evaluation
Has the federal OSHA cited and assessed penalties against your company for any serious, willful, or repeat violations of its health or safety regulations in the past five years?	Yes - the response identifies one incident.	Information obtained from the OSHA website indicates a more extensive record of OSHA actions than SJ Louis' information and answer suggests: <ol style="list-style-type: none"> 1. Yankton, SD, 10/12/2018, serious violation with \$12,935 penalty assessed by OSHA. 2. Waukesha, WI, 4/6/2021, marked as open, current penalty of \$28,131 for two serious violations and two other violations as per OSHA, formal settlement. 3. Mansfield, TX, 6/16/2021, violations removed, and no penalty assessed, formal settlement. 4. New Berlin, WI, 7/30/2021, violations removed, and no penalty assessed, formal settlement. 5. Franklin, WI, 10/22/2021, marked as open, current penalty of \$25,918 for two serious violations and one other violations as per OSHA, formal settlement. 6. Franklin, WI, 10/22/2021, marked as open, current penalty of \$25,918 for two serious violations and one other violations as per OSHA, formal settlement. 7. Muskego, WI, 10/22/2021, marked as open, current penalty of \$23,378 for one serious violation, one repeat violation, and one other violation as per OSHA, formal settlement. 8. Franklin, WI, 4/4/2022, marked as open, current penalty of \$3,170 for one other violation as per OSHA, formal settlement.
Has the North Dakota Department of Environmental Quality, EPA or any Air Quality Management Owner or any Regional Water Quality Control Board cited and assessed penalties against either your company or the Owner of a project on which your company was the Contractor in the past 5 years?	No	BV has no information to indicate otherwise.
List your company's experience rating for each of the past five years.	2018 - 0.80 2019 - 0.76 2020 - 0.87 2021 - 0.73 2022 - 0.83	
Within the past five years, was there ever a time when your employees were without workers compensation or state approved self-insurance?	No	BV has no information to indicate otherwise.



The following observations are made regarding the other information provided by SJ Louis:

- The first general category of other considerations is safety. A review of OSHA violations by SJ Louis in the public record suggests there are more violations than they have reported. However, at the same time, their Experience Modification Rate (EMR) is reasonable by industry standards. Of these two criteria, the EMR is a better representative of their actual safety record. BV considers their safety record, based on the EMR, to be acceptable.
- The second category of other considerations is SJ Louis's record of either having claims being made against it by a project owner or making claims against the project owner. They answered "No" to these questions. In reality, there are claims being made both by project owners against SJ Louis and by SJ Louis against project owners. BV finds this a significant misrepresentation by SJ Louis. Underground construction is inherently risky and recent claims, by or against a construction company, should not by itself be a reason for disqualification. However, misrepresenting the claims speaks to the trustworthiness of a construction company.

In addition to the pipeline general contractor qualifications, bidders were also required to demonstrate tunneling qualifications. SJ Louis is subcontracting the tunneling work to Minger Construction (Minger) per the information shown on Specification Section 00 43 36 - Proposed Subcontractors, Suppliers, and Manufacturers Questionnaire and Section 00 45 21 Tunneling Contractor Qualifications Form each submitted with the bid. Minger has been previously qualified for the tunneling work and has performed all tunneling work to date on RRVWSP transmission pipeline projects.

Article 3 – Qualifications of Bidders of Section 00 21 13 – Instructions to Bidders of the project specifications address the qualifications of Bidders and the required accuracy of information provided on the qualification forms. Specifically, Articles 3.04 and 3.05 state the following:

“3.04. Bidder shall attest that all information supplied on the qualification forms by the Bidder is true and correct under penalty of perjury.

3.05. Project references provided by the apparent low Bidder will be contacted to verify information supplied by Bidder is accurate and correct. Any false statements or inaccurate information included in the qualification's forms may deem the Bidder to be non-responsive. Furthermore, false statements on any of the qualification forms will be considered by Owner in the award of this bid and future bids.”

Recommended Action. Based on the misrepresentations included in SJ Louis's qualifications submittal discussed above and Article 3 – Qualifications of Bidders, which have been partially excerpted above, SJ Louis is deemed non-responsive, and SJ Louis is not considered the lowest, **responsible** bidder. Therefore, BV recommends against making the award to SJ Louis.

Evaluation of the Apparent Second Low Bidder, Oscar Renda Contracting, Inc.

As noted previously, Garrison Diversion undertook a general contractor Prequalification Process earlier this year. Through this process, general contractors were prequalified for the Owner's pipeline projects. Oscar Renda was among those firms prequalified having successfully demonstrated their qualifications and experience. Hence, a general contractor qualification submittal was not required of Oscar Renda for this bid.

Oscar Renda intends to subcontract the tunneling work to Southland Contracting, Inc. (Southland) per the information shown on Specification Section 00 43 36 - Proposed Subcontractors, Suppliers, and Manufacturers Questionnaire and Section 00 45 21 Tunneling Contractor Qualifications Form each

submitted with the bid. Southland provided a list of five tunneling projects to demonstrate their tunneling qualifications, which are shown in Table 4 below. References for the five Southland projects were contacted: two provided positive responses and one response was troublesome, as it included a tunnel collapse. BV was unable to reach two of the references after multiple attempts. BV subsequently determined two projects met the specification requirements; two qualifying projects were required so Southland met this portion of the qualification requirements.

In addition to the two representative tunneling projects, one additional project reference demonstrating tunneling in glacial geology was required. Criteria and projects submitted by Southland are shown in Table 4. Two project references were located in Texas, one project was in Nevada, one project was in Hawaii, and one project was in Colorado. Glacial geology is not present in any of these states, so none of the five projects submitted by Oscar Renda, as representative projects, met this requirement. Southland does not, therefore, meet the specified tunneling subcontractor qualifications requirements by information submitted with its bid.

Upon advice of Garrison Diversion legal counsel, Vogel Law, and direction from Garrison Diversion management staff, BV reached out to Oscar Renda after the bid to determine if they could provide a tunneling project reference meeting the glacial geology requirements of the Specifications. Oscar Renda subsequently provided information about a project in Mississauga, Ontario, Canada. The name of the project provided is the Hanlan Feedermain and Mississauga City Centre Watermain (Contract 3) project, which was tunneled in shale and soft ground. Upon review of the information provided, including a geotechnical baseline report, BV determined the project met technical requirements of the Tunneling Subcontractor Qualifications Form. In addition, the Owner reference (Region of Peel) contacted by BV provided a positive response of the work completed by Southland. Therefore, the sixth project reference (received after the bid opening) demonstrates Oscar Renda, in conjunction with its tunneling subcontractor, Southland, meets the tunneling qualification requirements.

Recommended Action. Award the Bid to the second low bidder, Oscar Renda Contracting, Inc., as they are a prequalified pipeline general contractor. Their tunneling subcontractor, Southland, has demonstrated its tunneling qualifications meet requirements, and Oscar Renda has no other irregularities with their bidding documents or bid.

Table 4 – Southland Contracting, Inc. Projects for Demonstration of Tunneling Qualifications

Summary of Qualifications Required	Referenced Project	Engineer’s Evaluation of Acceptability
<p>Tunneling Qualifications Two successfully completed projects within the last 10 years with these characteristics:</p> <ol style="list-style-type: none"> Must have been at least 300-ft long, Must have included installation of 72-inch diameter or larger casing pipe, and Must have used similar machines to what is required for this Project. <p>One successfully completed project in <u>glacial geology</u> within the last 10 years with these characteristics:</p> <ol style="list-style-type: none"> Must have been at least 300-ft long, Must have included installation of 72-inch diameter or larger casing pipe, and Must have used similar machines to what is required for this Project. 	<ol style="list-style-type: none"> North Texas Municipal Water District, Wylie, TX; CMAR Garney Companies, Inc.; Segment E – Bois d’Arc East Fork Trinity River. Tarrant Regional Water District, Fort Worth, TX; IPL Section 17 Trinity River Tunnel. City and County of Honolulu, HI; Kaneohe-Kailua Sewer Tunnel Project. Clark County Water Reclamation District, Las Vegas, NV; Paradise Whitney Interceptor Phase 3. City of Greeley, CO; Bellevue Transmission Pipeline North Segment. <i>Region of Peel, Mississauga, Ontario, Canada; Hanlan Feedermain & Mississauga City Centre Watermain (Contract 3).</i> 	<ol style="list-style-type: none"> Valid project reference. The project met length, diameter, and time criteria. Tunneling was not in glacial geology. Invalid project reference. The project met length, diameter, and time criteria. However, initial tunnel collapsed, and work had to be restarted. Tunneling was not in glacial geology. Invalid project reference. The project met length, diameter, and time criteria. Tunneling was not in glacial geology. BV was unable to reach this project reference after multiple attempts, so this referenced project is not accepted. Valid project reference. The project met length, diameter, and time criteria. Tunneling was not in glacial geology. Invalid project reference. The project met length, diameter, and time criteria. Tunneling was not in glacial geology. BV was unable to reach this project reference after multiple attempts, so this referenced project is not accepted. <i>Valid project reference. The project met length, diameter, and time criteria. Tunneling was in glacial geology.</i> <p>Notes:</p> <ul style="list-style-type: none"> None of the five referenced projects the Bidder originally submitted with its Bid were completed in glacial geology, which was a tunneling qualification criterion as identified in column 1 to the left. <i>The sixth project listed above and to the left was completed in glacial geology, but the information was submitted after the bid upon the request of Garrison Diversion and BV.</i>



That concludes our bid evaluation and recommendation of award. If you have any questions concerning this recommendation for the subject project, please contact us,

Sincerely,
BLACK & VEATCH CORPORATION

A handwritten signature in blue ink that reads 'Paul Boersma'.

Paul Boersma
Associate Vice President

KAR/la

Enclosure(s):

cc: Mr. Kip Kovar, GDCD
Ms. Tami Norgard, Vogel Law
File

BLACK & VEATCH CORPORATION

A handwritten signature in blue ink that reads 'Kurt A. Ronnekamp'.

Kurt A. Ronnekamp
Sr. Project Manager

**Red River Valley ~~50~~ Water Supply Project
Planning Level Budget**

Annex VI
23-250

September 30, 2023	Percent Complete	Current Estimate	Actual Expenses	Outstanding Expenses
Conceptual Design Subtotal		\$ 5,302,130	\$ 5,302,130	\$ -
Preliminary Design Subtotal		\$ 10,217,606	\$ 10,217,606	\$ -
Final Design Completed Subtotal		\$ 10,198,949	\$ 10,198,949	\$ -
Financial, Administration, Legal, Completed		\$ 1,397,474	\$ 1,397,474	\$ -
Land Acquisition Completed		\$ 1,593,004	\$ 1,593,004	\$ -
Subtotal Completed		\$ 28,709,162	\$ 28,709,162	\$ -
Financial Modeling/Cost Allocation	90%	\$ 1,521,047	\$ 1,372,466	\$ 148,581
Program Management Information System	93%	\$ 113,100	\$ 105,434	\$ 7,666
Stakeholder Support	99%	\$ 398,830	\$ 392,874	\$ 5,956
Subtotal	92%	\$ 2,032,977	\$ 1,870,774	\$ 162,203
Engineering/Land Acquisitions				
Missouri River Intake - Screen Structure Design	99%	\$ 1,444,000	\$ 1,436,627	\$ 7,373
Land Acquisition 2019/2021	180%	\$ 650,000	\$ 1,168,092	\$ (518,092)
2019 to 2021 Biennium Program Management Services	100%	\$ 166,191	\$ 166,191	\$ (0)
Project Planning, Finance, Admin, etc.	63%	\$ 433,809	\$ 273,484	\$ 160,325
Final Design Transmission Pipeline - 5b	100%	\$ 545,000	\$ 545,000	\$ (0)
Final Design Transmission Pipeline - 5c & 5d	86%	\$ 970,000	\$ 831,093	\$ 138,907
Final Design Transmission Pipeline - 6	82%	\$ 4,000,000	\$ 3,268,825	\$ 731,175
Geotech Transmission Pipeline - 7	55%	\$ 397,000	\$ 219,401	\$ 177,599
Acquire Easements	17%	\$ 2,919,000	\$ 483,906	\$ 2,435,094
Admin/Finance/Legal	61%	\$ 2,739,677	\$ 1,665,508	\$ 1,074,169
Financial Modeling/Cost Allocation	97%	\$ 528,000	\$ 514,216	\$ 13,784
Pipeline Extensions	76%	\$ 436,000	\$ 331,730	\$ 104,270
Financial/Legal/Stakeholder	0%	\$ 583,093		\$ 583,093
Operational Plan Phase 1	100%	\$ 106,000	\$ 106,000	\$ -
Operational Plan Phase 2	77%	\$ 430,584	\$ 332,267	\$ 98,317
PMIS Procurement & Implementation	59%	\$ 498,000	\$ 295,452	\$ 202,548
Contractor Qualifications	54%	\$ 158,000	\$ 85,843	\$ 72,157
ENDAWS Land Services	44%	\$ 181,750	\$ 80,155	\$ 101,595
ENDAWS-Local Portion	64%	\$ 309,750	\$ 199,532	\$ 110,218
Engineering & Land Acquisition Subtotal		\$ 14,756,177	\$ 10,337,815	\$ 4,418,362
Construction				
Pipeline 5A & Trenchless	93%	\$ 10,155,978	\$ 9,418,636	\$ 737,342
Construction Contract	100%	\$ 8,393,396	\$ 8,393,396	\$ (0)
Bidding Services	100%	\$ 75,621	\$ 75,621	\$ 0
Construction Phase Services	109%	\$ 868,145	\$ 949,618	\$ (81,473)
Contingency	<i>if needed</i>	\$ 818,816	\$ -	\$ 818,816
Discharge Structure	72%	\$ 2,436,800	\$ 1,750,168	\$ 686,632
Construction Contract	100%	\$ 1,521,884	\$ 1,521,884	\$ 0
Bidding Services	100%	\$ 40,736	\$ 40,736	\$ 0
Construction Phase Services	97%	\$ 193,000	\$ 187,549	\$ 5,451
Contingency	<i>if needed</i>	\$ 681,180	\$ -	\$ 681,180
Missouri River Intake Wetwell	94%	\$ 5,690,495	\$ 5,370,109	\$ 320,386
Construction Contract	95%	\$ 4,950,907	\$ 4,721,446	\$ 229,461
Bidding Services	100%	\$ 36,662	\$ 36,662	\$ (0)
Construction Phase Services	100%	\$ 612,000	\$ 612,000	\$ (0)
Contingency	<i>if needed</i>	\$ 90,926	\$ -	\$ 90,926
Missouri River Intake Screen Structure & Tunnel	89%	\$ 23,495,616	\$ 20,957,938	\$ 2,537,678
Construction Contract	88%	\$ 20,910,616	\$ 18,398,635	\$ 2,511,981
Construction Phase Services	99%	\$ 2,585,000	\$ 2,559,303	\$ 25,697
Contingency	<i>if needed</i>	\$ -	\$ -	\$ -
Pipeline 5B	34%	\$ 51,600,000	\$ 17,427,494	\$ 34,172,506
Construction Contract	34%	\$ 44,644,077	\$ 14,972,231	\$ 29,671,846
Construction Phase Services	55%	\$ 4,486,000	\$ 2,455,263	\$ 2,030,737
Contingency	<i>if needed</i>	\$ 2,469,923	\$ -	\$ 2,469,923
Pipeline 5C				
Pre-Construction Services		\$ 26,825	\$ 26,825	\$ -
Construction Subtotal	59%	\$ 93,405,714	\$ 54,951,170	\$ 38,454,544
Total Program Budget	69%	\$ 138,904,030	\$ 95,868,922	\$ 43,035,108

Bureau of Reclamation Activities

Garrison Diversion Board of Directors Meeting
October 19, 2023

Municipal, Rural, and Industrial Program

Rural Water Budgets:

Rural Water Budgets	Final FY 2022*	FY2023*
GDU	81.357	38,425
State	51.177	15.450
Tribe	30.180	22.975
Lewis & Clark	97.414	78.600
Fort Peck	24.191	15.000
Rocky Boys	76.004	97.321
Musselshell- Judith	37.000	27.600
E NM	177.400	96.140
Total	493.366	353.086

*Includes BIL funding and additional earmarked funding

State Municipal Rural and Industrial Program

Northwest Area Water Supply (NAWS)

Construction is ongoing for the Biota Water Treatment Plant (WTP) Phase I (Contract 7-2A/4-1A), Snake Creek Pumping Plant Intake Modification (Contract 6-1A), and the South Prairie Reservoir and Hydraulic Control Structure (Contract 5-1A/B). Contract 4-4B/5-4B Bottineau Reservoir and Pump Station has been awarded and had a preconstruction meeting. Contract 2-1E Snake Creek Pumping Plant Discharge Pipeline was advertised and a contract awarded. A preconstruction meeting is being scheduled. The Minot WTP Phase III (Contract 7-1C), the Souris Reservoir & Pump Station (Contract 4-4A/5-4A) and the Biota WTP Phase II (Contract 7-2B/4-1B) projects are in the design phase.

Contract 4-4B/5-4B Bottineau Reservoir and Pump Station and Contract 2-1E, Snake Creek Pumping Plant Discharge Pipeline project will be funded with Bipartisan Infrastructure Law (BIL) funds (65 percent) State funds (35 percent). Reclamation executed a modification to the BIL agreement (R23AC00093) in September 2023.

Reclamation has collaborated with the Department of Water Resources and the City of Minot to prepare an Operations & Maintenance agreement for the NAWS Biota Water Treatment Plant. The Department of Water Resources and the City of Minot are parties to this agreement, with Reclamation. The Minot city council will consider the agreement at their council meeting on

October 16, 2023. Pending the approval of the City, Reclamation will send the Memorandum of Agreement to the parties for signature. Reclamation is drafting a cooperative agreement between Reclamation and the Department of Water Resources which will be the funding mechanism by which Reclamation can provide Federal funds for the Operations and Maintenance of the Biota Water Treatment Plant.

In May 2023, Reclamation hosted a meeting of the NAWS Biota WTP Adaptive Management Team and shared a revised draft of the Adaptive Management Plan to the team for their review and comment. Comments were requested by July 1, 2023, and a couple team members requested an extension. Comments have been received by the Department of Water Resources and the Environmental Protection Agency (EPA). Reclamation will review the comments received and revise the draft Plan as appropriate and share it with team members. Another team meeting will be scheduled this winter.

Eastern North Dakota Alternate Water Supply (ENDAWS)

Reclamation, Garrison staff, and Garrison's consultant met to discuss proposed reroutes of the ENDAWS pipeline based on input from the U.S. Fish & Wildlife Service. Reclamation concurred with the reroutes and will coordinate sharing this information with the U.S. Fish & Wildlife Service at Audubon refuge. Discussions on this topic continue to ensure compliance with National Environmental Policy Act (NEPA) commitments. The purchase of easements for this project has been included in the cooperative agreement (R17AC00049) as an approved activity.

Southwest Pipeline Project

Contract 1-2A, Supplementary Raw Water Intake – The marine and pipe contractors encountered some unanticipated issues with the horizontal drilling. Additional geotechnical assessments are almost complete, and the Department of Water Resources is working with the contractor on a claim filed.

Reclamation is meeting with Department of Water Resources staff and engineering consultant to discuss plans for a future project to increase the capacity of a main transmission line. The purpose of the meeting is to share project information with Reclamation so a decision can be made on additional NEPA/National Historic Preservation Act (NHPA) compliance that may be needed for the proposed project. Meeting is scheduled for October 16, 2023.

Cooperative Agreement

Reclamation and Garrison Diversion's working relationship for the State Municipal, Rural, and Industrial (MR&I) Program is defined by the terms of a Cooperative Agreement (R17AC00049). Eighteen modifications have been completed for this agreement for the purposes of adding construction projects, engineering projects, and/or obligating funds to the agreement. The most recent modification was executed in September 2023. This modification added year-end funding in the amount of \$169,721.66 for use by projects included in the scope of work.

Another cooperative agreement (R23AC00093) was executed in June 2023 to obligate FY2022 BIL funds (\$33,545,000) and included design and construction tasks associated with Phase II of the NAWS Biota Water Treatment Plant in the scope of work. The first modification to this agreement was executed in September 2023, to obligate the FY2023 BIL funding (\$5,000,000) and add the Bottineau Reservoir and Pump Station contract and the Snake Creek Pumping Plant Discharge Pipeline contract to the scope of work of the agreement.

Buy America Waiver

Previously the Dakotas Area Office reported that it had received clarification on the request for a waiver of the Buy American requirement associated with the Biota WTP Phase I construction contract. It had been determined that a waiver for this Phase I contract was not needed and Dakotas Area Office had verbally communicated this to the State and Garrison. Dakotas Area Office has recently been notified that this interpretation on a waiver has changed. A waiver for Phase I is needed, and until a waiver is received for this contract, FY 2023 appropriated funds available for the project cannot be expended.

Reclamation is also pursuing a Rural Water Program waiver that would exempt all Reclamation's authorized rural water programs from the Buy America requirements. On September 28, 2023, the Department of the Interior submitted this program waiver to the Office of Management and Budget for their consideration and public review process.

Indian MR&I Program

Standing Rock MR&I System

The Tribe has awarded the Standing Rock Water Treatment Plant Membrane Equipment Procurement project to WesTech Engineering, Inc., from Salt Lake City, Utah, in the amount of \$1,033,556.51. These ceramic membranes will be used to increase the water treatment capacity of the Standing Rock Water Treatment Plant from 3 MGD to 5 MGD. Bartlett & West is the engineer for this project. Change Order No. 1 has been processed, upgrading clean in place (CIP) and backwash pumps and increased the contract by \$117,391.78 for a total contract price of \$1,150,948.29. Bartlett & West has designed and prepared plans and specifications for the installation of the procured membranes. The installation contract was bid on February 11, 2021, with no bidders. The Installation Contract was readvertised with a bid opening of March 16, 2021. The Installation Contract received three bids with the low bid coming from American General Contractors, Inc. of Valley City, North Dakota in the amount of \$2,021,350.87. Notice to Proceed was issued on August 5, 2021. The Substantial Completion Date is March 31, 2022. Due to several of the construction supplies having long lead times, the Substantial Completion date will not be met. The ceramic membranes were delivered to the Standing Rock Water Treatment Plant on November 16, 2021. The latest update to the construction schedule indicates a completion in December 2023.

The demolition of the Fort Yates Water Treatment Plant and intake was advertised on October 29, 2021, with a bid opening held on November 30, 2021. There was one bid received in the amount of \$2,961,634.91 from Wagner Construction. This bid is \$1,471,928.36 below the

Technical Service Center engineer's estimate of \$4,433,563.27. Wagner Construction is currently in the process of submitting the submittals required by the contract specifications. The work includes the demolition of the Water Treatment Plant and associated features, the demolition of the intake site, and the reclamation of the lagoons and ponds. These features have been decommissioned from the Standing Rock Rural Water System and no longer serve a purpose. The Technical Service Center completed the 100 percent plans and specifications, and the Tribe's engineer, Bartlett & West, is administering the contract. The award of the Fort Yates Demolition project to Wagner Construction was approved at the February 2022 Tribal Council meeting and contract documents have been executed. A pre-construction conference was held on March 30, 2022. Construction began with reclamation of the lagoons and ponds in late October 2022 and continued into December when Wagner shut down due to adverse weather conditions. Wagner's construction crew was back on site in May 2023 working on the pond/lagoon area. Demolition of the WTP building started in August 2023. All demolition work has been completed and the last of the slime sludge has been removed from the site. The pre-final inspection is scheduled for October 13, 2023.

Construction Contract 4-1 Schedule 1 was bid on July 7, 2022, with two bidders. The low bidder was Carstensen Contracting with a bid of \$4,147,931.08. This project includes installation of approximately 126,420 lineal feet of 2 inch through 4 inch diameter ASTM D2241 gasketed joint PVC pipe, connection of 24 services, an 8 inch water line relocation, wet tap tie-ins, road and stream crossings and all other related appurtenances. The final completion date is July 31, 2023. Carstensen Contracting started construction in late October 2022 and worked into December when they had to shut down due to adverse weather conditions. Carstensen started construction again June 5, 2023. As of the September Pay Application the project was 88 percent complete.

Construction Contract Kenel to State Line project was bid on April 22, 2022, with Storms Construction as the only bidder. Storms Construction's bid of \$5,330,759.91 was \$253,080.09 lower than the engineer's estimate. Reclamation has a cost share in this project of \$144,500. The remaining funding was a U.S. Department of Agriculture (USDA) grant. This project includes installation of 54,013 feet of 6 inch PVC SDR 17 water main, 1,458 feet of 12 inch yelomine directional drilled casing, 4,845 feet of 6 inch HDPE directionally drilled piping, 36 air release valve pits with 560 feet of 1 inch PE 250 psi piping, 1 inch corporation stops and 1 inch curb stops, 2 pressure reducing valve vaults, 18 - 6 inch gate valves, 13 - 1 inch stainless steel saddle with 1 inch corporation stop, 14 - 1 inch curb stops, 1,294 feet of 1 inch HDPE 250 psi, 1,120 feet of 1 inch HDPE 200 psi, 1 - 1 ½ inch stainless steel saddle with corporation stop, 1 - 1 ½ inch curb stop, 940 feet 1 ½ inch PVC SDR 17, 15 meter pits, 6 - 2 inch flush hydrants, 100 feet of 1 inch HDPE non cased directional drilling, 1,000 feet of 2 inch HDPE non cased directional drilling, 7,200 feet of 4 inch PVC SDR 17, 4 inch gate valve, 4 inch flush hydrant, 85 feet of 8 inch yelomine bored casing, 388 feet of 4 inch yelomine bored casing and related materials and appurtenances. The pre-construction conference was held on August 4, 2022, and the notice to proceed was issued on August 10, 2022. The contract documents indicate the final completion date shall be no later than 250 calendar days after the notice to proceed. Storms Construction began installing the pipeline in August 2022. Storms Construction mobilized the first week of May 2023 and has continued installation of the rural water line through the summer. The lines have all been installed and the contractor is working on disinfecting, flushing, and testing the lines.

Spirit Lake MR&I System

Preliminary design and right-of-way acquisitions continued on several projects including: Tokio Service Area, Service to Warwick School, and Warwick Service Area.

Fort Totten Community Upgrades' design has been completed by Indian Health Service (IHS). The project was bid in May, after the Grant of Right of Way was received from the Bureau of Indian Affairs (BIA). The low bidder was Storms Construction with a bid of \$3,106,992.07. The pre-construction conference was held on October 21, 2022. Storms Construction began construction on May 8, 2023, fusing pipe for directional drilling. The final completion date for this contract is October 31, 2023.

Reclamation staff has continued to work with the Tribe's operators to help resolve operation and maintenance issues with the B6 Booster Station, the St. Michael control vault, the Water Treatment Plant and most recently are working with North Dakota Water Resources and North Dakota Game and Fish to explore service options for the town of Oberon and the White Horse Hill Game Preserve.

Fort Berthold Rural Water System (FBRWS)

The Tribe-FBRW has a growing need for temporary MR&I raw water intakes throughout the reservation. Reclamation will submit permit applications to the U.S. Army Corps of Engineers for the temporary intakes as the sites become known and adequate information is available to do so.

The Tribe-FBRW was awarded \$54.38 million of Infrastructure Investment and Jobs Act (IIJA) - Bipartisan Infrastructure Law (BIL) Aging Infrastructure (AI) funds. FBRW sent Region an email that requested to enter a 638 contract for those AI funds, along with a copy of the resolution passed by the Tribal Business Council for that P.L. 93-638 contract. In July a Management Standards Review was conducted, the results of which will be reported to the Tribe in October. IHS anticipates awarding BIL funds to the Tribe, including for some projects that received BIL funds from Reclamation. The Tribe passed resolutions to fund some projects, using non-Federal funds.

Each of the six Segment Representatives have plans for significant development in their Segments. When funds from Reclamation are not available, then other sources (Tribal dollars) would be used to cover the costs. Projects using non-Federal Tribal funds are anticipated to be conducted in a manner that meet Federal requirements, making the costs reimbursable if a new Dakota Water Resources Act construction ceiling is authorized.

The programmatic Environmental Assessment is nearly complete for the Fort Berthold Rural Water System. It is anticipated to be finalized in October/November 2023.

Turtle Mountain Rural Water System

Contract 3-2 Membrane Treatment Improvements - The membrane treatment project will address the formation of disinfection by-products caused by an organic component in the source ground water. Project re-advertised in September 2019, with two responsible bidders submitting bids,

with apparent low bidder being approximately \$1 million over. Consultant negotiated with low bidder, and project was awarded in July 2020. Construction began fall 2020 with the project approaching substantial completion.

Contract 2-4 Thorne Reservoir and Booster Station – This project includes the construction of a 500,000-gallon raw water reservoir and booster pumping station, which will help to meet pressure and quantity demands on the system and will increase the efficiencies of the well field pumps. This project was advertised spring 2020, with all bids being \$3 million plus above engineer’s estimate. Consultant amended the Plans & Specs, and re-advertised fall 2020. Negotiations with contractor took place with the project being awarded spring 2021. Construction has begun with the foundation and walls of pump station being completed. Interior work continued through the winter with excavation of reservoir currently taking place with substantial completion scheduled for this fall.

Contract 1-10 Highway 43 Corridor Phase 3 – This project continues to add main line and service connections along Highway 43 west of the Lake Upsilon area (Phase 2). This project will complete a loop in the system to ensure reliable service to the community. Design is complete. Turtle Mountain worked with Rollet County as a project sponsor to secure North Dakota state grant funding. Project was advertised and awarded on August 10, 2022, with construction taking place this summer and construction being approximately 50 percent complete before winter shut down. Construction has restarted this spring and is nearing substantial completion.

Contract 4-2 Belcourt Sewer and Water Phase 4 – This project will replace aging existing water and sewer lines within Belcourt. It does not have any Bureau of Reclamation funding. It was awarded and began construction in May 2022. Construction began summer 2022 and is near substantial completion.

Contract 4-3 Belcourt Sewer and Water Phase 5 – This project will replace aging existing water and sewer lines within Belcourt. This project received \$4 million in Aging Infrastructure Funding. It was advertised and awarded to Marion Contracting for \$6,335,487. Project currently under construction.

Contract GP-20-J85 San Haven Water Main Replacement – Replacement of water main in the vicinity of San Haven. Plans and Specs were delivered to Reclamation for review, and comments were provided. The project was advertised and awarded in July 2022 with the project nearing substantial completion.

Trenton Indian Service Area

The Hilltop Water and Sewer Replacement and Pressure Reducing Valve (PRV) Vault project was awarded to Teraflex Group, LLC for \$495,835 and construction work was started summer 2018. The project installed 2539 LF of water line and will replace the existing Booster Station B with a PRV to connect to the existing Western Area Water Supply mainline. User agreement with Western Area Water Supply is still being negotiated, with work on the PRV to be completed when agreement is finalized.

Principal Supply Works

Repayment Contract

Reclamation continues to collaborate with Garrison Diversion on the Municipal and Industrial (M&I) pricing for the capital repayment of the Garrison Diversion Unit Project. On June 29, 2022, Regional Director presented Garrison Diversion with a repayment cost of \$47,501 per cubic feet per second. Garrison Diversion did not accept the repayment cost presented and will be coordinating with North Dakota congressional staff for protentional legislation.

Snake Creek Pumping Plant (SCPP)

Reclamation continues discussion with the U.S. Army Corps of Engineers on the Snake Creek embankment foundation concerns. Reclamation has signed to be a cooperating agency with the Corps of Engineers in preparing their Dam Safety Modification Study and National Environmental Policy Act (NEPA) review. The preferred alternative removes the 43 feet reservoir restriction and focuses any future reservoir restrictions to be based on embankment performance data at the time. Reclamation and Garrison Diversion continue to prepare a feasibility design and cost estimate to provide water to Snake Creek Pumping Plant and the McClusky Canal should a Lake Audubon restriction be implemented.

McClusky and New Rockford Canals

Reclamation conducted bridge inspections on October 3-4 for Reclamation owned bridge at SCPP, McClusky and New Rockford Canals.

Irrigation

Jamestown Dam

Jamestown Dam Periodic Facility Review was conducted on September 13, 2023. Fall drawdown to the base flood control pool elevation 1429.8 has begun.

Turtle Lake and McClusky Canal Irrigation Areas

Reclamation and Garrison Diversion executed the irrigation repayment contract to increase the 2023 irrigated acres by 595 acres, to a total of 7,842.6. Reclamation amended the repayment contract in September to correct errors in the exhibits. Reclamation will be amending the project use power contract to include these acres for the 2024 irrigation season.

Standing Rock Irrigation Project

Tribe's FY23 Aging Infrastructure application through the Bipartisan Infrastructure Law funding for embankment stabilization geotechnical study at Eagle Unit was awarded. Tribe decided to modify existing 638 contract and started contract modification process. Data collected will be used for evaluating permanent repair options of the embankment in the future. At Eagle Unit a pipeline inspection of the 30" pipe to determine the integrity of it is in the schedule, since it has not been inspected since installation in 1985. Reclamation has worked with the Tribe and their irrigator to develop a long-term plan that addresses the future of their three irrigation units. This plan is being used to explore the availability of funds to complete their efforts.

Recreation Development

Chain of Lakes

The interagency agreement for law enforcement from National Park Service (NPS) was not completed this year, but we will be reaching out to the staff at Knife River soon to set up a meeting and discuss the necessary steps to establish an agreement for next season.

Work at Hoffer Lake is still being completed and moving forward smoothly. However, there are potential issues with the ASAP system.

Camp hosts at Chain of Lakes have ended for the season, traffic counters have been picked up, and data from the season is now being analyzed.

North Dakota Natural Resources Trust

No new updates

Wildlife Program

Lonetree

Budgets and workplans for FY 24 have been received by Reclamation.

Audubon

Reclamation and Fish and Wildlife Service staff conducted the annual joint review of the Audubon Refuge mitigation features on August 31, 2023. Budgets and workplans for FY 24 have been received by Reclamation.

Arrowwood

Reclamation and Fish and Wildlife Service staff conducted the annual joint review of the Arrowwood Refuge mitigation features on August 24, 2023. The electric fish barrier annual maintenance inspection is scheduled for Oct 11. Budgets and workplans for FY 24 have been received by Reclamation.

Scattered Tracts

The fall semi-annual coordination meeting occurred at 10 a.m. on September 19, 2023, at Lonetree. Budgets and workplans for FY 24 have been received by Reclamation.

Garrison Diversion Conservancy District Consultant Conflict of Interest Policy

Purpose:

The Garrison Diversion Conservancy District (Garrison Diversion) Board strives to employ Consultants who conduct their work in the best financial, operational and political interests of Garrison Diversion, and who avoid advising other clients on issues potentially in direct conflict to the goals, projects and mission of Garrison Diversion.

Policy:

1. All Consultants and subconsultants providing services to Garrison Diversion on the Red River Valley Water Supply Project (RRVWSP) shall avoid all known, potential, or even the appearance of Conflicts of Interest when working with any other client (Opposing Client) on any matter involving the RRVWSP. Consultants must avoid or disclose any relationships or activity that might impair, or even appear to impair, their ability to effectively make objective, fair, and unbiased decisions and advice while working on the RRVWSP. This includes consulting companies as well as the individual employees of a consulting firm.
2. It shall be deemed a Conflict of Interest for the purpose of this Policy if, at the request and/or expense of the Opposing Client, the Consultant:
 - a. Provides information or advice to an Opposing Client that includes the Opposing Client's water supply options, one of which may include the RRVWSP. For example, if Consultant is asked by an Opposing Client to determine what water supply sources are available to Opposing Client to better assess Opposing Client's interest in participating in the RRVWSP, that would constitute a direct Conflict of Interest.
 - b. Provides information or advice to an Opposing Client that includes the Opposing Client's future water supply needs that could be met by participation in the RRVWSP. For example, if Consultant is asked by an Opposing Client to determine its long-term water supply needs to better assess whether and to what extent Opposing Client needs to participate in the RRVWSP, that would constitute a direct Conflict of Interest.
 - c. Provides information or advice to an Opposing Client that includes an analysis of the Opposing Client's ability to afford participation in the RRVWSP. For example, if Consultant is asked by an Opposing Client to determine the financial impacts of participating in the Project, at what level of nomination, and/or as compared to other water supply options to better assess Opposing Client's interest in participating in the RRVWSP, that would constitute a direct Conflict of Interest.
 - d. Accepts compensation from both Garrison Diversion and another party for services pertaining to the same project, unless the circumstances are fully disclosed to and agreed to in writing by all interested parties. See the attached Conflict Waiver Form.
 - e. If a new Conflict of Interest develops with Consultant's existing clientele at a later time, the new Conflict of Interest must be disclosed and addressed pursuant to this Policy.

3. It shall be deemed a Conflict of Interest for any Consultant to be employed, either directly or indirectly, by Garrison Diversion if the Consultant has an employee or shareholder on the Garrison Diversion Board of Directors.
4. It shall be deemed a Conflict of Interest for any Consultant to have a financial interest in a contractor, material provider or service provider seeking to provide services to Garrison Diversion.
5. Personal relationships can create Conflicts of Interest when Consultants identify an opportunity to engage family members or friends in support of Opposing Clients if they are employed in a manner impacting the RRVWSP. The following personal relationships will be deemed Conflicts of Interest similarly to the Consultants they are related to, as follows:
 - a. Spouse, immediate family, or other household members (e.g., parents, children, siblings, mothers- and fathers-in-law, sons- and daughters-in-law, brothers- and sisters-in-law, or any person living in the same home).
 - b. Close relatives and friends, friends or relatives of clients, significant others, or romantic interests.
 - c. Other close relationships.
6. At all times, engineering Consultants shall follow North Dakota Administrative Code 28-03.1-01-10 and the American Society of Civil Engineer's Code of Conduct, Cannon 4, as it relates to Conflict of interest.
7. For any actual, perceived or appearance of a Conflict of Interest in existence when this policy is adopted, or that arises thereafter, the Consultant shall promptly inform its employer, clients and Garrison Diversion of any business association, interests, or circumstances that would meet the criteria for a Conflict of Interest hereunder, or that could otherwise influence the Consultant's judgment or quality of services. If a Conflict of Interest is disclosed by Consultant or identified by Garrison Diversion, the following options will be considered to address the Conflict:
 - a. Garrison Diversion has discretion to waive the Conflict of Interest in writing or by Board action after consideration by the Board of Directors. Garrison Diversion would issue a Conflict Waiver Form in such an instance.
 - b. If Garrison Diversion objects to such an association or financial arrangement, the Consultant shall either terminate the association or interest with the Opposing Client or will give up any contractual or financial relationship with Garrison Diversion.
 - c. If Garrison Diversion, in its sole discretion, believes that mitigating measures would provide an adequate safeguard when a Conflict of Interest is available, it may explore mitigation options with the Consultant that fit the concerns raised.
 - d. Failure of a Consultant to disclose a Conflict of Interest under this policy will be subject to a discussion before the Board of Directors to consider the circumstances and determination of what, if any, action should be taken as a result of the failure to disclose and/or the Conflict of Interest. Board action to be taken may include, but is not limited to, termination of any consulting agreements impacted by the Consultant.

CONFLICT WAIVER

A. The undersigned entity, _____ (“Consultant”) provides services to Garrison Diversion Conservancy District (“Garrison Diversion”) with regard to the Red River Valley Water Supply Project (“RRVWSP”). Consultant hereby discloses to Garrison Diversion that Consultant also provides services to _____ (“Opposing Client”), which creates a Conflict of Interest pursuant to Garrison Diversion’s Conflict of Interest Policy.

B. Specifically, the nature of Consultant’s work for Opposing Client is described herein, which includes but is not limited to: the work done for the client over the last 18 months, the work currently being done, the work that is anticipated to be the subject of a current or future task order or assignment, or any work that is or has been requested from Opposing Client relating in any way to the RRVWSP, the Opposing Client’s water supply needs and/or options for meeting the Opposing Client’s water supply needs. Consultant’s complete and accurate description of said work is as follows:

C. The Garrison Diversion Board has considered the circumstances of Consultants’ representation of both parties and, in its discretion, agrees to waive any Conflict of Interest created as a result of Consultant conducting work for both entities.

D. In order to proceed with Consultant’s representation of both Garrison Diversion and Opposing Client, Garrison Diversion hereby agrees to provide this Conflict Waiver, subject to any conditions identified herein.

NOW, THEREFORE, the undersigned agree as follows:

1. **Acknowledgements.** Each of the Parties, on its own behalf and on behalf of each of its respective affiliates, parents, subsidiaries, and their governors, officers, agents, attorneys, and shareholders (in each case, if and as applicable), acknowledges and agrees that:
 - a. Consultant represents and confirms that the recitation of the nature of Consultant’s scope of work for Opposing Client set out in B above is a complete and accurate description of the work Consultant has done or expects to do for the Opposing Client. Any material omission of work from Paragraph B will invalidate this Conflict Waiver and be the basis for immediate termination of services for this Consultant.
 - b. The interests of Garrison Diversion may be adverse to the interests of one or more Opposing Clients, and vice versa;
 - c. Garrison Diversion has been fully advised of and understands the potential conflicts of interest arising from Consultant’s past, present and future representations of Opposing Client;

- d. Garrison Diversion understands the potential for conflict that naturally arises during the course of potential conflicts of interest arising from Consultant's continued relationship with Opposing Client; and
 - e. Garrison Diversion has had independent counsel review this Conflict Waiver or voluntarily and knowingly declined to do so.
2. **Consent to Consulting Services.** Garrison Diversion hereby freely and voluntarily consents to the Consultant's work for the Opposing Client, within the parameters identified in Paragraph B. Any change in scope of work must be immediately disclosed in writing by Consultant to Garrison Diversion.
 3. **Waiver of Conflicts.** Garrison Diversion expressly waives any potential or actual conflict of interest based upon the scope of work identified in Paragraph B.
 4. **Authority.** Each of the undersigned executing this Conflict Waiver on behalf of an organization represents that s/he has the authority to execute this Conflict Waiver on behalf of the Party so represented by, and that when executed, this Conflict Waiver shall be binding upon the Party represented by the undersigned, effective as of the date set forth below.
 5. **Signatures.** This Conflict Waiver may be executed in one or more counterparts, and such counterparts, when taken together, shall have the same force and effect as a fully executed original. Scanned email signatures and .pdf signatures shall have the same force and effect as original "wet ink" signatures.
 6. **Opposing Client Waiver Required.** Consultant represents that it has advised the Opposing Client in writing of the existence of a Conflict of Interest and has or will pursue a written conflict waiver from Opposing Client. Consultant must provide Garrison Diversion with a statement from Opposing Client in which Opposing Client similarly waives any Conflict of Interest. Garrison Diversion's agreement to waive a conflict as detailed herein is **specifically conditioned upon** Consultant obtaining and providing Garrison Diversion with a statement from Opposing Client that they will also waive a conflict.
 7. **Other conditions.** If Garrison Diversion includes any other conditions or stipulations as requirements of this Conflict Waiver, they should be identified on a separate, attached page.

DATED _____.

THE UNDERSIGNED CAREFULLY READ THE CONTENTS OF THIS CONFLICT WAIVER AND HAS HAD THE OPPORTUNITY TO SEEK INDEPENDENT COUNSEL REGARDING THE PROPRIETY OF EXECUTING THIS CONFLICT WAIVER AND AGREES TO THE PROVISIONS SET FORTH ABOVE.

Garrison Diversion Conservancy District
By:
Its: Board Chair

CONSULTANT:

\$48,697,560
GARRISON DIVERSION CONSERVANCY DISTRICT
WATER REVENUE BOND, SERIES 2023

FINANCING RESOLUTION

WHEREAS, the State of North Dakota, acting through the legislature, has authorized Garrison Diversion Conservancy District (the "GDCD") to acquire, construct, improve and own the Red River Valley Water Supply project; and

WHEREAS, pursuant to the Cooperation Agreement between the GDCD and Lake Agassiz Water Authority dated as of May 8, 2020 (the "Cooperation Agreement"), the GDCD is responsible for financing the Red River Valley Water Supply project, including the Local Project Costs for the 2023-2025 Biennium Work; and

WHEREAS, the Bank of North Dakota ("BND") is authorized to provide loans for water supply projects pursuant to the terms of the Water Infrastructure Revolving Loan Fund, N.D.C.C. Section 6-09-49.2; and

WHEREAS, the GDCD has made timely application to BND pursuant to the requirements of the Water Infrastructure Revolving Loan Fund to finance all or a portion of the cost of the Project and BND has approved the GDCD's application pursuant to the terms of a commitment letter dated August 17, 2023 (the "Commitment Letter"); and

WHEREAS, the GDCD is authorized to issue revenue bonds pursuant to North Dakota Century Code ("N.D.C.C.") Chapter 61-24; and

WHEREAS, the GDCD, Lake Agassiz Water Authority, the City of Fargo and the City of Grand Forks have entered into an Interim Financing Agreement Series D dated as of November 1, 2023 (the "Series D Agreement") which provides for the payment of debt service on the Bond.

NOW, THEREFORE, BE IT RESOLVED by the governing body of the GDCD as follows:

SECTION 1. DEFINITIONS. As used in this Resolution, the following words shall have the following meanings:

"**2023-2025 Biennium Work**" means the "Project Costs" as defined in the Series D Agreement.

"**BND**" means the Bank of North Dakota.

"**Board**" means the GDCD's Board of Directors.

"**Bond Fund**" or "**2023 Bond Fund**" means the 2023 Bond Fund established pursuant to Section 9 hereof.

"**Bond**" means the Garrison Diversion Conservancy District, Water Revenue Bond, Series 2023 issued pursuant to this Resolution.

"**Bondholders**" means the person or persons in whose name such Bond shall be registered.

"**Cities**" means the City of Fargo and the City of Grand Forks.

"**City Revenues**" means, together, the payments from the Cities made pursuant to the Series D Agreement.

"**Commitment Letter**" means the BND Commitment Letter dated August 17, 2023.

"**Cooperation Agreement**" means the Cooperation Agreement between the GDCD and Lake Agassiz Water Authority dated as of May 8, 2020.

"**Default**" means any event specified in Section 14(a) of this Resolution.

"**Facilities**" means, collectively, the water, water treatment, storage and distribution facilities comprising the Red River Valley Water Supply Project, including any improvements, betterments, additions, renewals and replacements thereto.

"**GDCD**" means the Garrison Diversion Conservancy District, a governmental agency, body politic and corporate of the State of North Dakota duly organized and existing under the provisions of N.D.C.C. Chapter 61-24.

"**Loan Agreement**" means the Loan Agreement between the GDCD and BND dated as of November 1, 2023.

"**Local Project Costs**" has the meaning given in the Series D Agreement.

"**N.D.C.C.**" means the North Dakota Century Code.

"**PPA**" means the future Project Participation Agreement.

"**Project**" means the Local Project Costs for the 2023-2025 Biennium Work of the Red River Valley Water Supply Project.

"**Project Fund**" means the Project Fund established pursuant to Section 9.03 of the Cooperation Agreement.

"**Registrar**" means the Secretary, or any entity which is under contract with the GDCD to serve as paying agent and registrar for the Bond and its successors and assigns.

"**Series D Agreement**" means the Interim Financing Agreement Series D between the GDCD, Lake Agassiz Water Authority, and the Cities, dated as of November 1, 2023.

SECTION 2. AUTHORIZATION. Pursuant to the authority of N.D.C.C. Chapter 61-24 and the provisions of this Resolution, a bond of the Garrison Diversion Conservancy District entitled to the benefits, protection and security of such provisions is hereby authorized in the aggregate principal amount of not to exceed **Forty-Eight Million Six Hundred Ninety-Seven Thousand Five Hundred Sixty Dollars** (\$48,697,560). The Bond shall be designated "\$48,697,560 Garrison Diversion Conservancy District, Water Revenue Bond, Series 2023", issued for the purpose of constructing the Project and paying related costs of issuance.

SECTION 3. SALE OF THE BOND. The Bond is hereby sold through negotiated sale to the BND on the terms and conditions set forth in the Commitment Letter and herein at a purchase price of not to exceed \$48,697,560, or such lesser amount as may be advanced pursuant to the Loan Agreement for the completion of the Project. The GDCD agrees to pay to all costs associated with the issuance and sale of the Bond. The Bond shall consist of a single term bond in the amount of not to exceed \$48,697,560 and shall be advanced pursuant to the Loan Agreement. The Bond shall be issued only in fully registered form without coupons.

SECTION 4. TERMS. The Bond shall be dated November 15, 2023, or as otherwise agreed to. The Bond shall mature on April 1, 2063, and shall bear interest at the rate of 2.00% payable on April 1 and October 1 in each year commencing April 1, 2026 (each, an "Interest Payment Date"); provided that interest shall accrue on the outstanding amount of the Bond from the date of the first advance pursuant to the Loan Agreement.

The Bond is subject to semi-annual mandatory principal installments commencing April 1, 2029, with the last principal payment being made on April 1, 2063, subject however to the final amortization schedule to be attached to the Bond upon the final loan advance in accordance with Section 1.06 of the Loan Agreement. The preliminary amortization schedule has been presented to the Board at this meeting and is hereby approved. Each loan advance shall be recorded on the grid on the reverse of the Bond.

Interest on the Bond and the principal thereof shall be payable in lawful money of the United States of America by check, wire, or other electronic transfer. Interest shall be payable to the person in whose name the Bond is registered at the close of business on the fifteenth (whether or not a business day) of the month immediately preceding an Interest Payment Date. Interest on the Bond shall cease at maturity or on a date prior thereto on which it has been duly called for redemption unless the holder thereof shall present the same for payment and payment is refused. The Bond shall be payable from the 2023 Bond Fund established herein.

SECTION 5. REDEMPTION. The Bond is subject to prepayment, in whole or in part, on any date at the option of the GDCD upon 30 days' written notice at a price equal to the principal amount thereof plus accrued interest.

SECTION 6. PREPARATION AND EXECUTION; FORM OF BOND. The Bond shall be printed under the supervision and at the direction of the Secretary, executed by the manual signature of the Board Chair, sealed with the GDCD's official seal, if any, and attested to by the manual signature of the Secretary and delivered to BND at closing. The Bond shall be reproduced in substantially the form on file with the Secretary.

SECTION 7. DEDICATION OF CITY REVENUES. Pursuant to N.D.C.C. Section 61-24-08(20) and (22) the GDCD hereby dedicates and pledges for the payment of the principal and interest on the Bond, the City Revenues. The collection of the City Revenues and the dedication of such shall be irrevocable so long as any principal of or interest on the Bond remains outstanding and unpaid.

SECTION 8. SECURITY. The Bond shall be a limited obligation of the GDCD, and shall be payable solely from the City Revenues, as provided by this Resolution and does not constitute a debt of the GDCD within the meaning of any constitutional or statutory limitation. The Bond shall not be payable from nor charged upon any funds other than the City Revenues and earnings thereon pledged to the payment thereof, nor shall the GDCD be subject to any pecuniary liability thereon. The Bond shall not constitute a charge, lien, nor encumbrance, legal or equitable, upon any property of the GDCD and no Bondholder shall ever have the right to compel any exercise of the taxing power of the GDCD to pay the principal or interest on the Bond, other than the City Revenues herein pledged to the payment of the Bond.

SECTION 9. BOND FUND. So long as the Bond is outstanding and unpaid, the Secretary shall maintain a sinking fund as a separate and special bookkeeping account on the official books and records of the GDCD, to be designated as the 2023 Water Revenue Bond Fund (the "2023 Bond Fund"), to be used for no purpose other than the payment of the principal of and interest on the Bond. The 2023 Bond Fund shall be credited with all City Revenues. The money and investments in the 2023 Bond Fund are irrevocably pledged to and shall be used to the extent required for the payment of principal of and interest on the Bond when and as the same shall become due and payable and for that purpose only.

SECTION 10. PROJECT FUND. The Board previously established a Project Fund pursuant to Section 9.03 of the Cooperation Agreement. As Bond proceeds are needed for Project costs, the GDCD shall submit requests in accordance with Section 1.06 of the Loan Agreement and deposit each advance of Bond proceeds in the Project Fund.

SECTION 11. GENERAL COVENANTS. The GDCD hereby covenants and agrees with the Bondholders as follows:

(a) That it will, to the extent the City Revenues are sufficient, promptly cause the principal and interest on the Bond to be paid as they become due.

(b) That it will enforce the obligations of the Cities under the Series D Agreement and, upon execution, the PPA. Should GDCD fail or refuse to enforce the Series D Agreement, BND, as a third-party beneficiary of the Series D Agreement, may seek enforcement of the Series D Agreement.

(c) That it will maintain complete books and records relating to the operation of the Facilities, the Project Fund and the 2023 Bond Fund and will cause such books and records to be audited annually at the end of each fiscal year in accordance with Generally Accepted Accounting Standards. The audit report shall be provided to BND.

(d) That it will not issue bonds or other obligations having a claim upon the City Revenues.

(e) That it will operate the Project in an efficient and economical manner and maintain, preserve and keep every part of the Facilities in good repair, working order and condition.

(f) The GDCD may not sell or exchange or otherwise dispose of any property constituting a part of the Project unless such property is either worn out or obsolete or, in the opinion of the GDCD, is no longer useful in the operation of the Facilities. Any proceeds of such sale, exchange or other disposition not used to replace the property so sold or exchanged shall be deposited in the 2023 Bond Fund.

SECTION 12. REGISTRATION AND TRANSFER. The Bond is transferable upon the books of and at the principal office of the Registrar, by the registered owner thereof in person or by his attorney duly authorized in writing upon surrender thereof together with a written instrument of transfer satisfactory to the Registrar, duly executed by the registered owner or his attorney; and may also be surrendered in exchange for bonds of other authorized denominations. Upon such transfer or exchange the GDCD will cause a new Bond or Bonds to be issued in the name of the transferee or registered owner, of the same aggregate principal amount, bearing interest at the same rate and maturing on the same date, subject to reimbursement for any tax, fee or governmental charge required to be paid with respect to such transfer or exchange. No transfer of the Bond shall be required to be made during the fifteen days next preceding an interest payment date, nor during the forty-five days next preceding the date fixed for redemption of such Bond.

The Bond shall be registered as to both principal and interest and the Registrar shall establish and maintain a register for the purposes of recording the names and addresses of the registered owners or assigns, the dates of such registration and the due dates and amounts for payment of principal and interest on the Bond; and the GDCD and the Registrar may deem and treat the person in whose name any Bond is registered as the absolute owner thereof, whether the Bond is overdue or not, for the purpose of receiving payment and for all other purposes, and neither the GDCD nor the Registrar shall be affected by any notice to the contrary.

SECTION 13. DEFAULT AND REMEDIES.

(a) The following events shall constitute Default:

(i) failure to pay Bond principal or interest when due; or

(ii) failure to perform any other obligation of the GDCD imposed by the Resolution, Loan Agreement or the Bond, but only if:

(A) the failure continues for a period of more than thirty (30) days after demand has been made on the GDCD to remedy the failure, and

(B) the GDCD fails to take reasonable steps to remedy the failure within that thirty-day period; or

- (iii) imposition of a receivership upon the GDCD; or
 - (iv) written admission by the GDCD that the GDCD is unable to pay its debts as they become due.
- (b) Upon Default, any Bondholder may exercise any of the following remedies:
- (i) by mandamus or other suit, action, or proceeding at law or in equity, enforce the holder's rights against the GDCD and its Board and any of its officers, agents, and employees and may require the GDCD or the Board or any officers, agents, or employees of the GDCD or Board to perform their duties and obligations under Chapter 61-24 of the N.D.C.C. and the covenants and agreements contained herein;
 - (ii) By action or suit in equity, require the GDCD and the Board to account as if they were the trustees of an express trust;
 - (iii) By action or suit in equity, enjoin any acts or things that may be unlawful or in violation of the rights of the Bondholders; or
 - (iv) Bring suit upon the Bond.

A right or remedy conferred by this Section upon any Bondholder is not intended to be exclusive of any other right or remedy, but each such right or remedy is cumulative and in addition to every other right or remedy and may be exercised without exhausting and without regard to any other remedy conferred by this Section or by any other law of the State.

SECTION 14. INSURANCE. The GDCD covenants to maintain insurance appropriate to the risks associated with operation of its Facilities.

SECTION 15. LEASES. The GDCD may lease as lessor, make contracts or grant licenses for the operation of, or grant easements or other rights with respect to any part of the Facilities if such lease, contract, license, easement or right does not, in the opinion of the GDCD, impede the operation of the Facilities, or violate any term or condition of the Loan Agreement.

SECTION 16. AMENDMENT OF RESOLUTION.

- (a) This Resolution may be amended without the consent of any Bondholders for any one or more of the following purposes:
 - (i) to add to the covenants and agreements of the GDCD in this Resolution any other covenants and agreements thereafter to be observed by the GDCD or to surrender any right or power herein reserved to or conferred upon the GDCD;
 - (ii) to cure any ambiguity or formal defect contained in this Resolution, if that cure does not, in the judgment of the Board, adversely affect the interests of the Bondholders; or

(iii) to make any other change which, in the opinion of Counsel to the GDCD and BND Counsel, is not to the prejudice of the Bondholders.

(b) This Resolution may be amended for any other purpose only upon consent of not less than 50% in aggregate principal amount of the Bond outstanding; provided, however, that no amendment shall be valid which:

(i) extends the maturity of the Bond, reduces the rate of interest upon the Bond, extends the time of payment of interest on the Bond, reduces the amount of principal payable on any Bond, or reduces any premium payable on the Bond, without the consent of the affected Bondholder; or

(ii) reduces the percentage of Bondholders required to approve the amendatory resolutions.

SECTION 17. DISCHARGE. When the Bond, and the interest thereon, has been discharged as provided in this Section, all pledges, covenants and other rights granted by this Resolution shall cease. The GDCD may discharge the Bond installments due on any date by depositing with the Registrar on or before that date a sum sufficient for the payment thereof in full; or if any Bond installment or interest thereon should not be paid when due, the same may nevertheless be discharged by depositing with the Registrar a sum sufficient for the payment thereof in full with interest accrued from the due date to the date of such deposit. The GDCD may also discharge all prepayable Bond installments called for redemption on any date when they are prepayable according to their terms, by depositing with the Registrar on or before that date a sum sufficient for the payment thereof in full, provided that notice of the redemption thereof has been duly given as provided herein. The GDCD may also discharge all or part of the Bond at any time by irrevocably depositing in escrow with a suitable bank or trust company for the purpose of paying all or part of the principal and interest due on the Bond prior to the date upon which the same will be prepayable according to their terms, and paying such Bond on that date, a sum of cash and securities which are general obligations of the United States or securities the principal and interest payments on which are guaranteed by the United States, or deposits in the Bank of North Dakota which, as provided by N.D.C.C. Section 6-09-10, are guaranteed by the State of North Dakota, in such aggregate amount, bearing interest at such rates and maturing or callable at the holder's option on such dates as shall be required to provide funds sufficient for this purpose; provided that notice of the redemption of all prepayable Bond installments on or before such date has been duly given as required herein.

SECTION 18. OTHER DOCUMENTS AND PROCEEDINGS. The Chair and Secretary (the "Authorized Officers") are hereby authorized and directed to execute and carry out or cause to be carried out the obligations which are necessary or advisable in connection with this Resolution and Loan Agreement and the issuance, sale and delivery of the Bond. The Authorized Officers are further authorized and directed to prepare, execute and furnish to the attorneys passing on the legality of the Bond, certified copies of all proceedings, ordinances, resolutions and records and all such certificates and affidavits and other instruments as may be required to evidence the legality and marketability of the Bond, and all certified copies, certificates, affidavits and other instruments so furnished shall constitute representations of the GDCD as to the correctness of all facts stated or recited therein.

SECTION 19. LOAN AGREEMENT. The Board has received the proposed Loan Agreement to purchase the Bond upon the terms and conditions set forth therein and in the Commitment Letter. The Board hereby finds and determines the Loan Agreement to be in the best interest of the GDCD and hereby accepts the Loan Agreement and instructs the Authorized Officers to execute the Loan Agreement on behalf of the GDCD, with such modifications as may be approved by the Authorized Officers. The Loan Agreement is hereby incorporated by reference and the sale of the Bond is hereby awarded to BND. Each and all of the provisions of this Resolution relating to the Bond are intended to be consistent with the provisions of the Loan Agreement, and to the extent that any provision in the Loan Agreement is in conflict with this Resolution as it relates to the Bond, that provision in the Loan Agreement shall control and this Resolution shall be deemed accordingly modified. The Loan Agreement may be attached to the Bond and shall be attached to the Bond if the holder of the Bond is any person other than BND.

SECTION 20. CERTIFICATES. The Authorized Officers, in consultation with counsel, are hereby authorized to deliver certificates which cure ambiguities, defects or omissions herein, correct, amend or supplement any provision herein, all in furtherance of the financing contemplated by the Commitment Letter. Such authorization shall include, but is not limited to, adjustment of the amortization schedule and issuance of a revised bond in the event the preliminary amortization schedule is adjusted with the consent of BND.

SECTION 21. INTERIM FINANCING AGREEMENT SERIES D. The Series D Agreement provides that the Cities shall pay a proportional share of debt service on the Bond. The percentages are as follows: the City of Fargo (82.24%) and the City of Grand Forks (17.76%). GDCD covenants to take such action as may be necessary to enforce the terms of the Series D Agreement and, upon execution, the PPA or similar agreement.

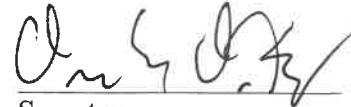
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Dated: October 20, 2023.

GARRISON DIVERSION CONSERVANCY DISTRICT

Attest:


Chair, Board of Directors


Secretary

The governing body of the GDCD acted on the foregoing resolution at a properly noticed meeting held in Carrington, North Dakota, on October 20, 2023, with the motion for adoption made by Director Vein and seconded by Director ; on roll call, the following vote was recorded:

Metzger

- | | | | | | | | | |
|-----|------------------|------------|---|-----|---|---------------|---|---------|
| 1. | Alan Walter | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 2. | Jay Anderson | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 3. | Greg Bischoff | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 4. | Ken Vein | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 5. | Cliff Hanretty | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 6. | Michael Tweed | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 7. | Mark Cook | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 8. | Bruce Klein | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 9. | David Johnson | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 10. | Kenny Rogers | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 11. | Don Zimbleman | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 12. | Steve Metzger | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 13. | Nikki Boote | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 14. | Richard Cayko | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 15. | Dave Anderson | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 16. | Kyle Blanchfield | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 17. | Kelly Klosterman | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 18. | Brian Orn | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 19. | Jim Pellman | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 20. | Brandon Krueger | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 21. | Geneva Kaiser | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 22. | Bill Ongstad | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 23. | Ward Koeser | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 24. | Larry Kassian | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 25. | Jeff LeDoux | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |
| 26. | Margo Knorr | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 27. | Steve Forde | Aye | - | Nay | - | <u>Absent</u> | - | Abstain |
| 28. | Jason Siegert | <u>Aye</u> | - | Nay | - | Absent | - | Abstain |

SWC Project No. 0325
Planning and Education Division
August 2023

**Agreement for Cost-Share Reimbursement
Garrison Diversion Conservancy District
Red River Valley Water Supply Project 2023-2025**

1. PARTIES. This agreement is between the State of North Dakota (State), by and through the State Water Commission (Commission), and Garrison Diversion Conservancy District (Sponsor).

2. COMMISSION'S RESPONSIBILITY AND INTENT. Commission will provide Sponsor with cost-share, not to exceed \$180,000,000, as approved by Commission on August 10, 2023, to reimburse 75 percent of eligible costs incurred in Sponsor's Red River Valley Water Supply Project 2023-2025 (Project), contingent on availability of funds and conditions of this agreement. Commission's intent in providing this funding to Sponsor is merely to help Sponsor financially afford Project. Sponsor retains sole and absolute discretion in the manner and means of carrying out Project, except to the extent specified in this agreement.

3. SPONSOR'S RESPONSIBILITIES. Sponsor must:

- a. Complete Project.
- b. Provide continued maintenance for Project.
- c. Ensure all applicable permits (federal, state, and local) are obtained.
- d. Acquire all title to land and easements for Project.
- e. Comply with all North Dakota laws governing the requirements for competitive bids, advertising, and awarding of contracts for construction of Project.
- f. Provide written certification to Commission that Project does not duplicate the service area or affect another water service provider's users.
- g. Provide a water service agreement if Project is located within extraterritorial jurisdiction.
- h. Maintain a Project file containing relevant documents and correspondence generated during the course of Project. State is not responsible for maintaining a Project file.
- i. Prior to signature, inform Commission and any other relevant party regarding Project of any errors, misinterpretations, changes, modifications, miscalculations, incorrect Project descriptions, or any other information stated herein that is inaccurate.
- j. Provide assurance to Commission of sustainable operation, maintenance, and replacement plan of Project facilities.
- k. Provide a progress report to Commission at least every four years if the term of Project exceeds four years. If a progress report is not timely received, or if after a review of a progress report Commission

determines Project has not made sufficient progress, Commission may terminate the agreement for Project funding.

- I. Notify Commission of litigation related to the Project. If a Project becomes the subject of litigation before all funds have been disbursed, the Secretary may withhold funds until the litigation is concluded.
- m. Notify Commission of any changes to Project funding, including additional funding or funding sources. Cost-share may be modified based on the revised local share.

4. PROJECT DESCRIPTION AND LOCATION. Project is for planning, design, and construction of a water supply for central and eastern North Dakota.

5. ELIGIBLE COSTS. Commission has sole discretion to determine eligible costs and availability of Commission funds. Additional information is outlined in Commission's cost-share policy. Commission will not cost-share in litigation costs unless there has been a separate authorization.

6. PAYMENT. Commission will make partial payments upon receipt and approval of Sponsor's written request. Sponsor must provide Commission verification of actual costs and a Project status report with each payment request. A Commission representative may inspect Project to determine whether the work satisfies Commission's cost share requirements before Commission makes payment(s) to Sponsor. Request for final payment must include documents or record drawings features constructed.

7. INDEMNIFICATION. Sponsor must require all subcontractors, other than state employed subcontractors, before commencement of an agreement between Sponsor and the subcontractor, to defend, indemnify, and hold harmless State, from and against claims based on the vicarious liability of State or its agents, but not against claims based on State's negligence or intentional misconduct. This obligation to defend, indemnify, and hold harmless does not extend to professional liability claims arising from professional errors and omissions. The legal defense provided by subcontractor to State under this provision must be free of any conflicts of interest, even if retention of separate legal counsel for State is necessary. Subcontractor also agrees to reimburse State for all costs, expenses, and attorneys' fees incurred if State prevails in an action against subcontractor in establishing and litigating the indemnification coverage required herein. This obligation continues after the termination of this agreement.

8. INSURANCE. State and Sponsor each must secure and keep in force during the term of this agreement, from an insurance company, government self-insurance pool, or government self-retention fund authorized to do business in North Dakota, commercial general liability with minimum limits of liability of \$500,000 per person and \$2,000,000 per occurrence.

In addition, Sponsor must require all subcontractors, other than state employed subcontractors, before commencement of an agreement between Sponsor and the subcontractor, to secure and keep in force during the term of this agreement, from insurance companies authorized to do business in North Dakota, the following insurance coverages:

- a. Commercial general liability, including premises or operations, contractual, and products or completed operations coverages (if applicable), with minimum liability limits of \$2,000,000 per occurrence.
- b. Automobile liability, including Owned (if any), Hired, and Non-owned automobiles, with minimum liability limits of \$500,000 per person and \$2,000,000 per occurrence.
- c. Workers' compensation coverage meeting all statutory requirements. The policy must provide coverage for all states of operation that apply to the performance of this contract.
- d. If subcontractor is domiciled outside State, employer's liability or "stop gap" insurance of not less than \$2,000,000 as an endorsement on the workers' compensation or commercial general liability insurance.

The insurance coverages listed above must meet the following additional requirements:

- e. Any deductible or other similar obligation under the policies is the sole responsibility of the subcontractor. The amount of any deductible is subject to approval by State.
- f. This insurance may be in policy or policies of insurance, primary and excess, including the so-called umbrella or catastrophe form, and must be placed with insurers rated "A-" or better by A.M. Best Company, Inc., provided any excess policy follows form for coverage. Less than an "A-" rating must be approved by State. The policies must be in form and terms approved by State.
- g. State will be defended, indemnified, and held harmless to the full extent of any coverage actually secured by the subcontractor in excess of the minimum requirements set forth above. The duty to defend, indemnify, and hold harmless State under this agreement is not limited by the insurance required in this agreement.
- h. State must be endorsed on the commercial general liability policy, including any excess policies, as additional insured. State must have all the benefits, rights, and coverages of an additional insured under these policies that are not limited to the minimum limits of insurance required by this agreement or by the contractual indemnity obligations of Sponsor.
- i. The insurance required in this agreement, through a policy or endorsement, must include:
 - (1) A "Waiver of Subrogation" waiving any right to recovery the insurance company may have against State;
 - (2) A provision that subcontractor's insurance coverage is primary (i.e., pay first) as respects any insurance, self-insurance, or self-retention maintained by State and that any insurance, self-insurance, or self-retention maintained by State must be in excess of the subcontractor's insurance and must not contribute with it;
 - (3) Cross liability/severability of interest for all policies and

- endorsements;
- (4) The legal defense provided to State under the policy and any endorsements must be free of any conflicts of interest, even if retention of separate legal counsel for State is necessary;
- (5) The insolvency or bankruptcy of the insured subcontractor must not release the insurer from payment under the policy, even when such insolvency or bankruptcy prevents the insured subcontractor from meeting the retention limit under the policy.
- j. Failure to provide insurance as required in this agreement is a material breach of contract entitling State to terminate this agreement immediately.

9. BREACH. Violation of any provision of this agreement by Sponsor constitutes breach of this agreement. A breach obligates Sponsor to reimburse Commission for all funds paid to Sponsor and relieves Commission of all obligations under this agreement.

10. AGREEMENT BECOMES VOID. This agreement is void if not signed and returned by Sponsor within 60 days of Commission's signature.

11. TERMINATION.

- a. Commission may terminate this agreement effective upon delivery of written notice to Sponsor, or a later date as may be stated in the notice, under any of the following conditions:
 - (1) If Commission determines an emergency exists.
 - (2) If funding from federal, state, or other sources is not obtained and continued at levels sufficient to provide the funds necessary to comply with this agreement. The parties may modify this agreement to accommodate a reduction in funds.
 - (3) If federal or state laws or rules are modified or interpreted in a way that the services are no longer allowable or appropriate for purchase under this agreement or are no longer eligible for the funding proposed for payments authorized by this agreement.
 - (4) If any license, permit, or certificate required by law, rule, or this agreement is denied, revoked, suspended, or not renewed.
 - (5) If Commission determines that continuing the agreement is no longer necessary or would not produce beneficial results commensurate with the further expenditure of public funds.
- b. Any termination of this agreement is without prejudice to any obligations or liabilities of either party already accrued prior to termination.
- c. The rights and remedies of any party provided in this agreement are not exclusive.

12. APPLICABLE LAW AND VENUE. This agreement is governed by and construed under the laws of State. Any action to enforce this agreement must be adjudicated exclusively in the District Court of Burleigh County, North Dakota.

13. SEVERABILITY. If any term of this agreement is declared by a court having jurisdiction to be illegal or unenforceable, the validity of the remaining terms is unaffected, and if possible, the rights and obligations of the parties are to be construed and enforced as if the agreement did not contain that term.

14. SPOILIATION – PRESERVATION OF EVIDENCE. Sponsor agrees to promptly notify Commission of all potential claims that arise or result from this agreement. Sponsor must also take all reasonable steps to preserve all physical evidence and information that may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and grants to Commission the opportunity to review and inspect the evidence, including the scene of an accident.

15. MERGER AND MODIFICATION. This agreement constitutes the entire agreement between the parties. There are no understandings, agreements, or representations, oral or written, not specified within this agreement. This agreement may not be modified, supplemented, or amended in any manner except by written agreement signed by both parties.

NORTH DAKOTA STATE WATER COMMISSION

By:



ANDREA TRAVNICEK, Ph.D.
Secretary

Date:

08/21/2023

GARRISON DIVERSION CONSERVANCY DISTRICT

By:

ALAN WALTER
Chairman

Date:



January 8, 2024

To the Board of Directors
Garrison Diversion Conservancy District
PO Box 140
Carrington, North Dakota 58421

You have requested that we audit the modified cash basis financial statements of the governmental activities and each major fund of the Garrison Diversion Conservancy District (the District) as of and for the year ended December 31, 2023, and the related notes to the financial statements, which collectively comprise Garrison Diversion Conservancy District's basic financial statements.

In addition, we will audit the entity's compliance over major federal award programs for the period ended December 31, 2023. We are pleased to confirm our acceptance and our understanding of this audit engagement by means of this letter.

Our audits will be conducted with the objectives of our expressing an opinion on each opinion unit and an opinion on compliance regarding the entity's major federal award programs. The objectives of our audit of the financial statements are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in the United States of America (GAAS) and in accordance with *Government Auditing Standards*, will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

The objectives of our compliance audit are to obtain sufficient appropriate audit evidence to form an opinion and report at the level specified in the governmental audit requirement about whether the entity complied in all material respects with the applicable compliance requirements and identify audit and reporting requirements specified in the governmental audit requirement that are supplementary to GAAS and *Government Auditing Standards*, if any, and perform procedures to address those requirements.

Supplementary information other than RSI will accompany the District's basic financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the basic financial statements and certain additional procedures, including comparing and reconciling the supplementary information to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and additional procedures in accordance with auditing standards generally accepted in the United States of America. We intend to provide an opinion on the following supplementary information in relation to the financial statements as a whole:

1. Schedule of Revenues, Expenditures, and Changes in Fund Balance - Modified Cash Basis - Budget and Actual - General Fund (Administrative)
2. Schedule of Revenues, Expenditures, and Changes in Fund Balance - Modified Cash Basis - Budget and Actual - Major Special Revenue Funds
3. Schedule of Taxes Received - Modified Cash Basis

Schedule of Expenditures of Federal Awards

We will subject the schedule of expenditures of federal awards to the auditing procedures applied in our audit of the basic financial statements and certain additional procedures, including comparing and reconciling the schedule to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and additional procedures in accordance with auditing standards generally accepted in the United States of America. We intend to provide an opinion on whether the schedule of expenditures of federal awards is presented fairly in all material respects in relation to the financial statements as a whole.

Also, the document we submit to you will include the following other additional information that will not be subjected to the auditing procedures applied in our audit of the financial statements:

1. Board of Directors by County

Data Collection Form

Prior to the completion of our engagement, we will complete the sections of the Data Collection Form that are our responsibility. The form will summarize our audit findings, amounts and conclusions. It is management's responsibility to submit a reporting package including financial statements, schedule of expenditure of federal awards, summary schedule of prior audit findings and corrective action plan along with the Data Collection Form to the federal audit clearinghouse. The financial reporting package must be text searchable, unencrypted, and unlocked. Otherwise, the reporting package will not be accepted by the federal audit clearinghouse. We will assist you in the electronic submission and certification. You may request from us copies of our report for you to include with the reporting package submitted to pass-through entities.

The Data Collection Form is required to be submitted within the *earlier* of 30 days after receipt of our auditors' reports or nine months after the end of the audit period, unless specifically waived by a federal cognizant or oversight agency for audits. Data Collection Forms submitted untimely are one of the factors in assessing programs at a higher risk.

Audit of the Financial Statements

We will conduct our audits in accordance with GAAS, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States of America, the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). As part of an audit of financial statements in accordance with GAAS and in accordance with Government Auditing Standards, Uniform Guidance and/or any state or regulatory audit requirements we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. However, we will communicate to you in writing concerning any significant deficiencies or material weaknesses in internal control relevant to the audit of the financial statements that we have identified during the audit.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District ability to continue as a going concern for a reasonable period of time.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk that some material misstatements or noncompliance may not be detected exists, even though the audit is properly planned and performed in accordance with GAAS and *Government Auditing Standards* of the Comptroller General of the United States of America. Please note that the determination of abuse is subjective and *Government Auditing Standards* does not require auditors to detect abuse.

Our responsibility as auditors is limited to the period covered by our audit and does not extend to any other periods.

We will issue a written report upon completion of our audit of the District's basic financial statements. Our report will be addressed to the governing body of the District. Circumstances may arise in which our report may differ from its expected form and content based on the results of our audit. Depending on the nature of these circumstances, it may be necessary for us to modify our opinions, add an emphasis-of-matter or other-matter paragraph(s) to our auditor's report, or if necessary, withdraw from the engagement. If our opinions on the basic financial statements are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or to issue a report as a result of this engagement.

In accordance with the requirements of *Government Auditing Standards*, we will also issue a written report describing the scope of our testing over internal control over financial reporting and over compliance with laws, regulations, and provisions of grants and contracts, including the results of that testing. However, providing an opinion on internal control and compliance over financial reporting will not be an objective of the audit and, therefore, no such opinion will be expressed.

Audit of Major Program Compliance

Our audit of the District's major federal award program(s) compliance will be conducted in accordance with the requirements of the Single Audit Act, as amended; and the Uniform Guidance and will include tests of accounting records, a determination of major programs in accordance with the Uniform Guidance, and other procedures we consider necessary to enable us to express such an opinion on major federal award program compliance and to render the required reports. We cannot provide assurance that an unmodified opinion on compliance will be expressed. Circumstances may arise in which it is necessary for us to modify our opinion or withdraw from the engagement.

The Uniform Guidance requires that we also plan and perform the audit to obtain reasonable assurance about whether the material noncompliance with applicable laws and regulations, the provisions of contracts and grant agreements applicable to major federal award programs, and the applicable compliance requirements occurred, whether due to fraud or error, and express an opinion on the entity's compliance based on the audit.

Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the entity's compliance with the requirements of the federal programs as a whole.

As part of a compliance audit in accordance with GAAS and in accordance with *Government Auditing Standards*, we exercise professional judgment and maintain professional skepticism throughout the audit. We also identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks.

Our procedures will consist of determining major federal programs and performing the applicable procedures described in the U.S. Office of Management and Budget OMB Compliance Supplement for the types of compliance requirements that could have a direct and material effect on each of the entity's major programs, and performing such other procedures as we considers necessary in the circumstances. The purpose of those procedures will be to express an opinion on the entity's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to the Uniform Guidance.

Also, as required by the Uniform Guidance, we will obtain an understanding of the entity's internal control over compliance relevant to the audit in order to design and perform tests of controls to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each of the entity's major federal award programs. Our tests will be less in scope than would be necessary to render an opinion on these controls and, accordingly, no opinion will be expressed in our report. However, we will communicate to you, regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we have identified during the audit.

We will issue a report on compliance that will include an opinion or disclaimer of opinion regarding the entity's major federal award programs, and a report on internal controls over compliance that will report any significant deficiencies and material weaknesses identified; however, such report will not express an opinion on internal control.

Management Responsibilities

Our audit will be conducted on the basis that management and, when appropriate, those charged with governance, acknowledge and understand that they have responsibility:

1. For the preparation and fair presentation of the financial statements in accordance with the modified cash basis of accounting;
2. For the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error;
3. For identifying, in its accounts, all federal awards received and expended during the period and the federal programs under which they were received;
4. For maintaining records that adequately identify the source and application of funds for federally funded activities;
5. For preparing the schedule of expenditures of federal awards (including notes and noncash assistance received) in accordance with the Uniform Guidance;

6. For designing, implementing, and maintaining effective internal control over federal awards that provides reasonable assurance that the entity is managing federal awards in compliance with federal statutes, regulations, and the terms and conditions of the federal awards;
7. For identifying and ensuring that the entity complies with federal laws, statutes, regulations, rules, provisions of contracts or grant agreements, and the terms and conditions of federal award programs and implementing systems designed to achieve compliance with applicable federal statutes, regulations, and the terms and conditions of federal award programs;
8. For disclosing accurately, currently, and completely, the financial results of each federal award in accordance with the requirements of the award;
9. For identifying and providing report copies of previous audits, attestation engagements, or other studies that directly relate to the objectives of the audit, including whether related recommendations have been implemented;
10. For taking prompt action when instances of noncompliance are identified;
11. For addressing the findings and recommendations of auditors, for establishing and maintaining a process to track the status of such findings and recommendations and taking corrective action on reported audit findings from prior periods and preparing a summary schedule of prior audit findings;
12. For following up and taking corrective action on current year audit findings and preparing a corrective action plan for such findings;
13. For submitting the reporting package and data collection form to the appropriate parties;
14. For making the auditor aware of any significant contractor relationships where the contractor is responsible for program compliance;
15. To provide us with:
 - a. Access to all information of which management is aware that is relevant to the preparation and fair presentation of the financial statements including disclosures, and relevant to federal award programs, such as records, documentation, and other matters;
 - b. Additional information that we may request from management for the purpose of the audit; and
 - c. Unrestricted access to persons within the entity and others from whom we determine it necessary to obtain audit evidence.
16. For including the auditor's report in any document containing financial statements that indicates that such financial statements have been audited by us, including
 - i. A written acknowledgement of all the documents that management expects to issue that will be included in the annual report and the planned timing and method of issuance of that annual report; and
 - ii. A final version of the annual report (including all the documents that, together, comprise the annual report) in a timely manner prior to the date of the auditor's report;
17. For adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the current year period(s) under audit are immaterial, both individually and in the aggregate, to the financial statements as a whole;
18. For acceptance of nonattest services, including identifying the proper party to oversee nonattest work;
19. For maintaining adequate records, selecting and applying accounting principles, and safeguarding assets;
20. For informing us of any known or suspected fraud affecting the entity involving management, employees with significant role in internal control and others where fraud could have a material effect on compliance;
21. For the accuracy and completeness of all information provided;
22. For taking reasonable measures to safeguard protected personally identifiable and other sensitive information; and
23. For confirming your understanding of your responsibilities as defined in this letter to us in your management representation letter.

With regard to the schedule of expenditures of federal awards referred to above, you acknowledge and understand your responsibility (a) for the preparation of the schedule of expenditures of federal awards in accordance with the Uniform Guidance, (b) to provide us with the appropriate written representations regarding the schedule of expenditures of federal awards, (c) to include our report on the schedule of expenditures of federal awards in any document that contains the schedule of expenditures of federal awards and that indicates that we have reported on such schedule, and (d) to present the schedule of expenditures of federal awards with the audited financial statements, or if the schedule will not be presented with the audited financial statements, to make the audited financial statements readily available to the intended users of the schedule of expenditures of federal awards no later than the date of issuance by you of the schedule and our report thereon.

With regard to the supplementary information referred to above, you acknowledge and understand your responsibility (a) for the preparation of the supplementary information in accordance with the applicable criteria, (b) to provide us with the appropriate written representations regarding supplementary information, (c) to include our report on the supplementary information in any document that contains the supplementary information and that indicates that we have reported on such supplementary information, and (d) to present the supplementary information with the audited financial statements, or if the supplementary information will not be presented with the audited financial statements, to make the audited financial statements readily available to the intended users of the supplementary information no later than the date of issuance by you of the supplementary information and our report thereon.

As part of our audit process, we will request from management and, when appropriate, those charged with governance, written confirmation concerning representations made to us in connection with the audit.

We understand that your employees will prepare all confirmations we request and will locate any documents or invoices selected by us for testing.

If you intend to publish or otherwise reproduce the financial statements and make reference to our firm, you agree to provide us with printers' proofs or masters for our review and approval before printing. You also agree to provide us with a copy of the final reproduced material for our approval before it is distributed.

Nonattest Services

With respect to any nonattest services we perform, we agree to perform the following:

- Type, print, and bind the financial statements prepared by you
- Complete the auditee's portion of the Data Collection Form

We will not assume management responsibilities on behalf of the District. The District's management understands and agrees that any advice or recommendation we may provide in connection with our audit engagement are solely to assist management in performing its responsibilities.

The District's management is responsible for (a) making all management decisions and performing all management functions; (b) assigning a competent individual to oversee the services; (c) evaluating the adequacy of the services performed; (d) evaluating and accepting responsibility for the results of the services performed; and (e) establishing and maintaining internal controls, including monitoring ongoing activities.

Our responsibilities and limitations of the nonattest services are as follows:

- We will perform the services in accordance with applicable professional standards.
- The nonattest services are limited to the services previously outlined above. Our firm, in its sole professional judgment, reserves the right to refuse to do any procedure or take any action that could be construed as making management decisions or assuming management responsibilities. Our firm will advise the District with regard to tax positions taken in the preparation of the tax return, but the District must make all decisions with regard to those matters.

Fees and Timing

Brian Stavenger is the engagement partner for the audit services specified in this letter. The engagement partner's responsibilities include supervising services performed as part of this engagement and signing or authorizing another qualified firm representative to sign the audit report.

Our fees are based on the amount of time required at various levels of responsibility, plus actual out-of-pocket expenses, administrative charges and a technology fee. Invoices are payable upon presentation. We estimate that our fee for the audit will not exceed the following:

Audit of Financial Statements	\$ 26,000
Single Audit - \$7,000 per major program, assuming one	7,000
Total	<u>\$ 33,000</u>

As noted above actual out-of-pocket expenses will be billed if onsite services are requested, plus the travel time of the professional(s) coming onsite at 50% of their hourly rates.

The ability to perform and complete our engagement consistent with the estimated fee included above depends upon the quality of your underlying accounting records and the timeliness of your personnel in providing information and responding to our requests. To assist with this process, we will provide you with an itemized request list that identifies the information you will need to prepare and provide in preparation for our engagement, as well as the requested delivery date for those items. A lack of preparation, including not providing this information in an accurate and timely manner, unanticipated audit adjustments, and/or untimely assistance by your personnel may result in an increase in our fees and/or a delay in the completion of our engagement.

We may be requested to make certain audit documentation available to outside parties, including regulators, pursuant to authority provided by law or regulation or applicable professional standards. If requested, access to such audit documentation will be provided under the supervision of Eide Bailly LLP's personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the outside party, who may intend, or decide, to distribute the copies of information contained therein to others, including other governmental agencies. We will be compensated for any time and expenses, including time and expenses of legal counsel, we may incur in making such audit documentation available or in conducting or responding to discovery requests or participating as a witness or otherwise in any legal, regulatory, or other proceedings as a result of our Firm's performance of these services. You and your attorney will receive, if lawful, a copy of every subpoena we are asked to respond to on your behalf and will have the ability to control the extent of the discovery process to control the costs you may incur.

Should our relationship terminate before our audit procedures are completed and a report issued, you will be billed for services to the date of termination. All bills are payable upon receipt. A service charge of 1% per month, which is an annual rate of 12%, will be added to all accounts unpaid 30 days after billing date. If collection action is necessary, expenses and reasonable attorney's fees will be added to the amount due.

Other Matters

During the course of the engagement, we will only provide confidential engagement documentation to you via Eide Bailly's secure portal or other secure methods, and request that you use the same or similar tools in providing information to us. Should you choose not to utilize secure communication applications, you acknowledge that such communication contains a risk of the information being made available to unintended third parties. Similarly, we may communicate with you or your personnel via e-mail or other electronic methods, and you acknowledge that communication in those mediums contains a risk of misdirected or intercepted communications.

Should you provide us with remote access to your information technology environment, including but not limited to your financial reporting system, you agree to (1) assign unique usernames and passwords for use by our personnel in accessing the system and to provide this information in a secure manner; (2) limit access to "read only" to prevent any unintentional deletion or alteration of your data; (3) limit access to the areas of your technology environment necessary to perform the procedures agreed upon; and (4) disable all usernames and passwords provided to us upon the completion of procedures for which access was provided. We agree to only access your technology environment to the extent necessary to perform the identified procedures.

Regarding the electronic dissemination of audited financial statements, including financial statements published electronically on your website or elsewhere, you understand that electronic sites are a means to distribute information and, therefore, we are not required to read the information contained in these sites or to consider the consistency of other information in the electronic site with the original document.

Professional standards prohibit us from being the sole host and/or the sole storage for your financial and non-financial data. As such, it is your responsibility to maintain your original data and records and we cannot be responsible to maintain such original information. By signing this engagement letter, you affirm that you have all the data and records required to make your books and records complete.

We may use third party service providers and/or affiliated entities (including Eide Bailly Shared Services Private Limited) (collectively, "service providers") in order to facilitate delivering our services to you. Our use of service providers may require access to client information by the service provider. We will take reasonable precautions to determine that they have the appropriate procedures in place to prevent the unauthorized release of confidential information to others. We will remain responsible for the confidentiality of client information accessed by such service provider and any work performed by such service provider. You acknowledge that your information may be disclosed to such service providers, including those outside the United States.

Neither of us may use or disclose the other's confidential information for any purpose except as permitted under this engagement letter or as otherwise necessary for Eide Bailly to provide the services. Your confidential information is defined as any information you provide to us that is not available to the public. Eide Bailly's confidential information includes our audit documentation for this engagement. Our audit documentation shall at all times remain the property of Eide Bailly LLP. The confidentiality obligations described in this paragraph shall supersede and replace any and all prior confidentiality and/or nondisclosure agreements (NDAs) between us.

We agree to retain our audit documentation or work papers for a period of at least eight years from the date of our report.

Further, we will be available during the year to consult with you on financial management and accounting matters of a routine nature.

You agree to share all facts that may affect your financial statements, even if you first become aware of those facts after the date of the auditor's report but before the date your financial statements are issued.

At the conclusion of our audit engagement, we will communicate to Board of Directors the following significant findings from the audit:

- Our view about the qualitative aspects of the entity's significant accounting practices;
- Significant difficulties, if any, encountered during the audit;
- Uncorrected misstatements, other than those we believe are trivial, if any;
- Disagreements with management, if any;
- Other findings or issues, if any, arising from the audit that are, in our professional judgment, significant and relevant to those charged with governance regarding their oversight of the financial reporting process;
- Material, corrected misstatements that were brought to the attention of management as a result of our audit procedures;
- Representations we requested from management;
- Management's consultations with other accountants, if any; and
- Significant issues, if any, arising from the audit that were discussed, or the subject of correspondence, with management.

Government Auditing Standards require that we provide, upon request, a copy of our most recent external peer review report and any subsequent review reports to the party contracting for the audit. Accordingly, we will provide a copy of our most recent peer review report at your request.

Eide Bailly LLP is a member of HLB International, a worldwide organization of accounting firms and business advisors, ("HLB"). Each member firm of HLB, including Eide Bailly LLP is a separate and independent legal entity and is not owned or controlled by any other member of HLB. Each member firm of HLB is solely responsible for its own acts and omissions and no other member assumes any liability for such acts or omissions. Neither Eide Bailly LLP, nor any of its affiliates, are responsible or liable for any acts or omission of HLB or any other member firm of HLB and hereby specifically disclaim any and all responsibility, even if Eide Bailly LLP, or any of its affiliates are aware of such acts or omissions of another member of HLB.

Eide Bailly LLP formed The Eide Bailly Alliance Network, a network for small to mid-sized CPA firms across the nation. Each member firm of The Eide Bailly Alliance, including Eide Bailly LLP, is a separate and independent legal entity and is not owned or controlled by any other member of The Eide Bailly Alliance. Each member firm of The Eide Bailly Alliance is solely responsible for its own acts and omissions and no other member assumes any liability for such acts or omissions. Neither Eide Bailly LLP, nor any of its affiliates, are responsible or liable for any acts or omission of The Eide Bailly Alliance or any other member firm of The Eide Bailly Alliance and hereby specifically disclaim any and all responsibility, even if Eide Bailly LLP, or any of its affiliates are aware of such acts or omissions of another member of The Eide Bailly Alliance.

MEDIATION

Any disagreement, controversy or claim arising out of or related to any aspect of our services or relationship with you (hereafter a “Dispute”) shall, as a precondition to litigation in court, first be submitted to mediation. In mediation, the parties attempt to reach an amicable resolution of the Dispute with the aid of an impartial mediator. Mediation shall begin by service of a written demand. The mediator will be selected by mutual agreement. If we cannot agree on a mediator, one shall be designated by the American Arbitration Association (“AAA”). Mediation shall be conducted with the parties in person in Fargo, North Dakota. Each party will bear its own costs in the mediation. The fees and expenses of the mediator will be shared equally by the parties. Neither party may commence a lawsuit until the mediator declares an impasse.

LIMITED INDEMNITY

Eide Bailly LLP and its partners, affiliates, officers and employees (collectively “Eide Bailly”) shall not be responsible for any misstatements in your financial statements that we may fail to detect as a result of misrepresentations or concealment of information by any of your owners, directors, officers or employees. You shall indemnify and hold Eide Bailly harmless from any claims, losses, settlements, judgments, awards, damages and attorneys’ fees arising from any such misstatement or concealment of information.

If through no fault of Eide Bailly we are named as a party to a dispute between you and a third party, you shall indemnify and hold Eide Bailly harmless against any losses, damages, settlements, judgments, awards, and the costs of litigation (including attorneys’ fees) we incur in connection with the dispute.

Eide Bailly shall not be entitled to indemnification under this agreement unless the services were performed in accordance with professional standards in all material respects.

LIMITATION OF LIABILITY

The exclusive remedy available to you for any alleged loss or damages arising from or related to Eide Bailly’s services or relationship with you shall be the right to pursue claims for actual damages that are directly caused by Eide Bailly’s breach of this agreement or Eide Bailly’s violation of applicable professional standards. In no event shall Eide Bailly’s aggregate liability to you exceed two times fees paid under this agreement, nor shall Eide Bailly ever be liable to you for incidental, consequential, punitive or exemplary damages, or attorneys’ fees.

TIME LIMITATION

You may not bring any legal proceeding against Eide Bailly unless it is commenced within twenty-four (24) months (“Limitation Period”) after the date when we delivered our report, return, or other deliverable under this agreement to you, regardless of whether we do other services for you or that may relate to the audit. The Limitation Period applies and begins to run even if you have not suffered any damage or loss, or have not become aware of a possible Dispute.

GOVERNING LAW AND VENUE

Any Dispute between us, including any Dispute related to the engagement contemplated by this agreement, shall be governed by Minnesota law. Any unresolved Dispute shall be submitted to a federal or state court located in Minneapolis, Minnesota.

ASSIGNMENTS PROHIBITED

You shall not assign, sell, barter or transfer any legal rights, causes of actions, claims or Disputes you may have against Eide Bailly to any person.

Please sign and return the attached copy of this letter to indicate your acknowledgment of, and agreement with, the arrangements for our audit of the financial statements including our respective responsibilities.

We appreciate the opportunity to be your certified public accountants and look forward to working with you and your staff.

Respectfully,



Brian Stavenger, CPA
Partner

RESPONSE:

This letter correctly sets forth our understanding.

Acknowledged and agreed on behalf of Garrison Diversion Conservancy District by:

Name: _____

Title: _____

Date: _____



January 8, 2024

To the Board of Directors
Garrison Diversion Conservancy District
Carrington, North Dakota 58421

This letter is provided in connection with our engagement to audit the modified cash basis financial statements and to audit compliance over major federal award programs of Garrison Diversion Conservancy District as of and for the year ended December 31, 2023. Professional standards require that we communicate with you certain items including our responsibilities with regard to the financial statement audit, the compliance audit, and the planned scope and timing of our audits, including significant risks we have identified.

Our Responsibilities

As stated in our engagement letter dated January 8, 2024, we are responsible for conducting our audit in accordance with auditing standards generally accepted in the United States of America (GAAS), *Government Auditing Standards* of the Comptroller General of the United States of America, the requirements of the Single Audit Act, as amended; and the provisions of the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance), for the purpose of forming and expressing opinions on the financial statements and on major federal award program compliance. Our audits do not relieve you or management of your respective responsibilities.

Our responsibility as it relates to the schedule of expenditures of federal awards is to evaluate its presentation for the purpose of forming and expressing an opinion as to whether it is presented fairly in all material respects in relation to the financial statements as a whole.

Our responsibility relating to other information, whether financial or nonfinancial information (other than financial statements and the auditor's report thereon), included in the entity's annual report includes only the information identified in our report. We have no responsibility for determining whether other supplementary information is properly stated. We require that we receive the final version of the annual report (including all the documents that, together, comprise the annual report) in a timely manner prior to the date of the auditor's report, or if that is not possible as soon as practicable and, in any case, prior to the entity's issuance of such information.

Planned Scope of the Audit

Our audits will include examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. Our audit is designed to provide reasonable, but not absolute assurance about whether the financial statements as a whole are free of material misstatement, whether due to error, fraudulent financial reporting, misappropriation of assets, or violations of laws or governmental regulations. Because of this concept of reasonable assurance and because we will not examine all transactions, there is a risk that material misstatements may exist and not be detected by us.

Our audit procedures will also include determining major federal programs and performing the applicable procedures described in the U.S. Office of Management and Budget *OMB Compliance Supplement* for the types of compliance requirements that could have a direct and material effect on each of the entity's major programs.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk that some material misstatements or material noncompliance may not be detected exists, even though the audit is properly planned and performed in accordance with U.S. GAAS, *Government Auditing Standards* of the Comptroller General of the United States of America, the requirements of the Single Audit Act, as amended; and the provisions of the Uniform Guidance.

Our audits will include obtaining an understanding of the entity and its environment, including its internal control, sufficient to assess the risks of material misstatement of the financial statements, the risk of material noncompliance in the major federal award programs, and as a basis for designing the nature, timing, and extent of further audit procedures, but not for the purpose of expressing an opinion of the effectiveness of the entity's internal control over financial reporting. However, we will communicate to you at the conclusion of our audit, any material weaknesses or significant deficiencies identified. We will also communicate to you:

- Any violation of laws or regulations that come to our attention;
- Our views related to qualitative aspects of the entity's significant accounting practices, including accounting policies, accounting estimates, and financial statement disclosures;
- Significant difficulties, if any, encountered during the audit;
- Significant unusual transactions, if any;
- The potential effects of uncorrected misstatements on future-period financial statements; and
- Other significant matters that are relevant to your responsibilities in overseeing the financial reporting process.

Professional standards require us to design our audit to provide reasonable assurance that the financial statements are free of material misstatement whether caused by fraud or error. In designing our audit procedures, professional standards require us to evaluate the financial statements and assess the risk that a material misstatement could occur. Areas that are potentially more susceptible to misstatements, and thereby require special audit considerations, are designated as "significant risks." Although we are currently in the planning stage of our audit, we have preliminarily identified the following significant risks that require special audit consideration.

Management Override of Controls – Professional standards require auditors to address the possibility of management overriding controls. Accordingly, we identified as a significant risk that management of the District may have the ability to override controls that the District has implemented. Management may override the District’s controls in order to modify the financial records with the intent of manipulating the financial statements to overstate the District’s financial performance or with the intent of concealing fraudulent transactions.

Improper Capitalization – We identified improper capitalization of capital assets as a significant risk. The significance of projects and reliance on vendors for timely information could result in capital asset additions being misstated.

We expect to begin our audit in March 2024 and issue our report in early May 2024.

This information is intended solely for the information and use of Executive Committee, the Board of Directors, and management and is not intended to be and should not be used by anyone other than these specified parties.

Respectfully,

A handwritten signature in cursive script that reads "Eric Sully LLP".

Fargo, North Dakota

**Garrison Diversion Conservancy District
Combined Statement of Revenues and Expenses
For the Twelve Months Ended December 31, 2023**

	General Fund	Municipal Rural, and Industrial Fund	Operations Maintenance Fund	Red River Valley Water Supply Project	Irrigation Fund	Total
Beginning Bank Balance	\$8,320,277	\$4,595	\$380,008	\$249,723	\$172,668	\$9,127,271
Revenues:						
Irrigation Admin	974					974
Lease Income						-
Revenue from Sale of Fixed Assets			173,167			173,167
Miscellaneous Income	3,558				364	3,922
Interest Income	336,678	897	1,545		4,000	343,120
Tax Levy	4,279,384					4,279,384
State Aid Distribution	303,676					303,676
Contract Revenue	80,552	19,037,012	4,138,697	31,966,727	487,788	55,710,776
Non-Project Income	143,695		548,922			692,617
Total Revenues	\$5,148,517	\$19,037,909	\$4,862,331	\$31,966,727	\$492,152	\$61,507,636
Expenditures:						
Director Expense	271,960					271,960
Employee Expense	1,198,042	74,556	2,288,942			3,561,540
Administrative Expense	229,957	34,706	94,911			359,574
Public Education	81,523					81,523
Professional Services	465,440		325,869	417,984		1,209,293
Irrigation Development	230,780					230,780
Water Supply Projects	224,683					224,683
GDCD Recreation Project	805,891					805,891
DWRA Recreation Project	4,040					4,040
Maintenance & Repairs	52,724		1,002,586		206,997	1,262,307
Capital Purchases	724,945		402,188	30,810	18,769	1,176,712
Construction in Progress				31,146,405		31,146,405
MR&I Project Expenses		18,914,984				18,914,984
Principal Debt Payments				534,127	178,384	712,511
Interest Payments				128,856	38,384	167,240
Total Expenditures *	\$ 4,289,985	\$ 19,024,246	\$ 4,114,496	\$ 32,258,182	\$ 442,534	\$ 60,129,443
Transfer In/Out	(812,295)	(12,767)	(486,790)	1,628,156	(316,304)	\$ -
Revenues Over Expenditures	\$ 46,237	\$ 896	\$ 261,045	\$ 1,336,701	\$ (266,686)	\$ 1,378,193
Net Change in Assets	(2,131,506)		(19,219)	(128,035)	259,674	\$ (2,019,086)
Ending Bank Balance	\$ 6,235,008	\$ 5,491	\$ 621,834	\$ 1,458,389	\$ 165,656	\$ 8,486,378

GARRISON DIVERSION CONSERVANCY DISTRICT				
INCOME BUDGET ANALYSIS STATEMENT				
For Eleven Months Ended December 31, 2023				
General, O&M MR&I, RRVWSP, and Irrigation Funds	Budget for 2023	Income Received to December 31, 2023	Percentage of Amount Budgeted	Balance of 2023 Budget
Irrigation Admin	\$ 950	\$ 974	102.5%	\$ (24)
Lease Income	\$ -	\$ -		\$ -
Miscellaneous Income	\$ -	\$ 3,922	0.0%	\$ (3,922)
Revenue Sale of Fixed Assets	\$ -	\$ 173,167	0.0%	\$ (173,167)
Interest Income	\$ 33,120	\$ 343,120	1036.0%	\$ (310,000)
Tax Levy	\$ 4,250,000	\$ 4,279,384	100.7%	\$ (29,384)
State Aid	\$ 180,000	\$ 303,676	168.7%	\$ (123,676)
General Fund Contract Revenue	\$ 70,000	\$ 80,552	115.1%	\$ (10,552)
O&M Contract Revenue	\$ 4,890,000	\$ 4,138,697	84.6%	\$ 751,303
MR&I Contract Revenue	\$ 20,257,975	\$ 19,037,012	94.0%	\$ 1,220,963
RRVWSP Contract Revenue	\$ 30,800,000	\$ 31,966,727	103.8%	\$ (1,166,727)
Irrigation Fund Revenue	\$ 828,005	\$ 487,788	58.9%	\$ 340,217
Project Revenue	\$ -	\$ -	0.0%	\$ -
Non-Project Revenue	\$ 532,684	\$ 692,617	130.0%	\$ (159,933)
Total Revenues	\$61,842,734	\$61,507,636	99.5%	\$335,098

GARRISON DIVERSION CONSERVANCY DISTRICT						
Expense Budget Analysis Statement						
For Twelve Months Ended Dec 31, 2023						
General, O&M MR&I, RRVWSP, and Irrigation Funds	Expenditures		Expenditures		Percentage	Balance of Budget
	Budget for 2022	Charged to 2022 Budget	Budget for 2023	Expenditures to Dec 31, 2023	Spent Amount Budgeted	
Expenses						
Director Expenses	\$ 270,000	\$ 235,483	\$ 261,000	271,960	104.2%	\$ (10,960)
Employee Expenses	\$ 3,746,366	\$ 3,350,365	\$ 3,778,799	3,561,540	94.3%	\$ 217,259
Administrative Expenses	\$ 431,335	\$ 317,442	\$ 503,500	359,574	71.4%	\$ 143,926
Public Education	\$ 151,840	\$ 135,407	\$ 157,000	81,523	51.9%	\$ 75,477
Professional Services	\$ 3,515,225	\$ 2,902,288	\$ 2,884,000	1,209,293	41.9%	\$ 1,674,707
Irrigation Development	\$ 911,200	\$ 881,346	\$ 269,875	230,780	85.5%	\$ 39,095
Water Supply Program	\$ 300,000	\$ 98,614	\$ 300,000	224,683	74.9%	\$ 75,317
GDCD Recreation Grant Program	\$ 600,000	\$ 541,988	\$ 850,000	805,891	94.8%	\$ 44,109
DWRA Recreation Program	\$ 10,000	\$ 4,512	\$ 10,000	4,040	40.4%	\$ 5,960
Irrigation District Expense	\$ 2,000	\$ -	\$ 2,000	-	0.0%	\$ 2,000
Maintenance & Repairs	\$ 1,611,040	\$ 1,187,210	\$ 1,845,100	1,262,307	68.4%	\$ 582,793
Capital Purchases	\$ 1,056,000	\$ 963,831	\$ 1,171,188	1,176,712	100.5%	\$ (5,524)
Construction in Progress	\$ 27,950,000	\$ 27,977,251	\$ 30,000,000	31,146,405	103.8%	\$ (1,146,405)
MR&I Fund	\$ 27,000,000	\$ 25,292,604	\$ 20,000,000	18,914,984	94.6%	\$ 1,085,016
Principal on Debt Repayment	\$ 479,831	\$ 479,483	\$ 849,127	712,511	83.9%	\$ 136,616
Interest on Debt Repayment	\$ 68,660	\$ 68,656	\$ 195,856	167,240	85.4%	\$ 28,616
Total Expenses	\$ 68,103,497	\$ 64,436,480	\$ 63,077,445	60,129,443	95.3%	\$ 2,948,002
Transfers In/Out						
MR&I	\$ 22,000	\$ 20,311	\$ 23,000	12,767	55.5%	\$ 10,233
O&M	\$ 972,340	\$ 886,658	\$ 920,000	486,790	52.9%	\$ 433,210
Irrigation	\$ -	\$ -	\$ -	316,304	0.0%	\$ (316,304)
RRVWSP	\$ (1,451,491)	\$ (1,368,042)	\$ -	(1,628,156)	0.0%	\$ 1,628,156
Total Transfers Out	\$ (457,151)	\$ (461,073)	\$ 943,000	\$ (812,295)	(86.1%)	\$ 1,755,295
Total Expenses & Transfers Out	\$ 67,646,346	\$ 63,975,407	\$ 64,020,445	59,317,148	92.7%	\$ 4,703,297

GARRISON DIVERSION CONSERVANCY DISTRICT RESERVES STATEMENT December 31, 2023	
OPERATING RESERVE	
Operating Reserve authorized to be established in the amount of \$300,000.00 per resolution of the Board dated January 15, 1970. Limit changed to \$330,000 by Board action on January 6, 1995. Reserve cap removed by Board action July 2, 1997.	\$5,711,376.26
O&M EMERGENCY RESERVE	
O&M Emergency Reserve to be established in the amount of \$500,000.00 by Article 13 (a) of the Master Contract and by action taken by the Board dated January 16, 1970. Limit changed to \$1,500,000.00 July 1980. Reserve capped at \$822,817.55 by Board action July 2, 1997.	750,000.00
DEFICIENCY RESERVE	
Deficiency Reserve to be established in the amount of \$750,000.00 by Article 13 (b) of the Master Contract. Limit changed to \$1,500,000.00 July 1980. Reserve capped at \$802,287.54 by Board action July 2, 1997.	750,000.00
PROJECT DEVELOPMENT RESERVE	
Project Development Reserve to be established in the amount of \$750,000.00 by resolution of the Board dated July 17, 1969. Limit changed to \$1,000,000.00 July 1982. Reserve capped at \$915,592.98 by Board action July 2, 1997.	915,592.98
TOTAL GARRISON DIVERSION CONSERVANCY DISTRICT RESERVES	\$8,126,969.24

Garrison Diversion Conservancy District Funds in Bank of North Dakota December 31, 2023				
Fund	Account Name/Reserve	Interest Rate	Maturity Date	Balance
General	Checking Account Cash	0.25%		\$ 621,863.97
General	Water Assistance Grant Outstanding	0.25%		\$ 140,788.00
General	Oakes Building Fund	0.25%		\$ -
Total Checking Account Balance				\$ 762,651.97
General	Money Market Savings	0.60%		\$ 1,935,616.83
General	Water Assistance Grant Reserve	0.60%		\$ 394,385.06
General	GF Accrued Leave-Operating Reserve	0.60%		\$ 175,478.91
Total Savings Account Balance				\$ 2,505,480.80
Total Deposits				\$ 4,030,784.74

Garrison Diversion Conservancy District Funds in First International Bank & Trust December 31, 2023				
Fund	Account Name/Reserve	Interest Rate	Maturity Date	Balance
General	CD 118849-Deficiency Reserve	0.40%	01/29/24	\$ 200,000.00
General	CD 119130	4.00%	02/18/24	\$ 1,000,000.00
General	CD 80120161	5.50%	03/19/24	\$ 1,000,000.00
General	CD 80120162	2.35%	03/19/24	\$ 1,000,000.00
General	CD 80123425	5.50%	03/22/24	\$ 2,500,000.00
General	CD 119245	5.50%	03/30/24	\$ 1,000,000.00
General	CD 118850-Operating Reserve	4.00%	04/29/24	\$ 50,500.00
General	CD 118848-O&M Emergency Res.	4.10%	04/29/24	\$ 350,000.00
General	CD 119561-O&M Emergency Reserve	4.10%	05/01/24	\$ 83,682.45
General	CD 119070-Operating Reserve	4.10%	05/17/24	\$ 820,000.00
General	CD 118954	4.10%	05/19/24	\$ 500,000.00
General	CD 118955-Project Development	5.50%	07/19/24	\$ 353,362.19
General	CD 119434-Deficiency Reserve	5.00%	08/30/24	\$ 175,854.00
General	CD 80120163	2.50%	09/19/24	\$ 1,000,000.00
Total Investments				\$ 10,033,398.64
General	Recreation Outstanding-Operating Reserve	4.00%		\$ 2,009,580.62
General	Money Market Funds	4.00%		\$ (573,348.68)
General	Recreation Reserve-Operating Reserve	4.00%		\$ 1,530,643.67
Total Money Market Account Balance				\$ 2,966,875.61
Total Deposits				\$ 13,000,274.25
Pledging	Total Deposits			\$ 13,000,274.25
	Less:FDIC Coverage			(250,000.00)
	Deposit Balance to Secure			12,750,274.25
	Less: Pledging			16,270,976.26
Pledging Excess				\$ 3,520,702.01

BREMER BANK DEPOSIT AND PLEDGING SUMMARY December 31, 2023					
<i>Account Type</i>	<i>Balance</i>	<i>Interest Rate</i>	<i>Maturity Date</i>	<i>Deposit Insurance / Pledging Status</i>	
<i>Demand Deposit Accounts</i>					
Non-Interest Bearing Checking Accounts				Total Demand Deposits	\$2,080,224.30
				Less: FDIC Insurance Coverage	250,000.00
xxxx61	Operations & Maintenance Fund	621,833.64	0.00%	Demand Deposit Balance to Secure	\$1,830,224.30
xxxx52	Red River Valley Water Supply	1,458,390.66	0.00%	x 110%	1.10
Total Demand Deposits				Pledging Required on Demand Deposits	\$2,013,246.73
<i>Time and Savings Deposits</i>					
Interest Bearing Checking					
xxxx34	Irrigation Fund	165,656.41	0.45%		
xxxxx62	M R & I Working Fund	5,491.58	0.45%		
Total Interest Bearing Checking Balance		<u>171,147.99</u>			
Savings Accounts					
xxxx41	O&M - Accrued Leave Reserve	176,389.04	1.00%		
xxxxx63	Irrigation - Debt Service Reserve	288,986.78	1.00%		
Total Savings Balance		<u>465,375.82</u>			
Certificates of Deposit					
xxxx0394	Certificate of Deposit-Operating Reserve	47,000.00	0.65%	2/20/2024	
xxxx8862	Certificate of Deposit-Project Dev Reserve	252,054.00	0.65%	2/24/2024	
xxxx1061	Certificate of Deposit-Deficiency Reserve	124,146.00	0.65%	2/24/2024	
xxx907-1	Certificate of Deposit-Operating Reserve	542,000.00	4.00%	3/1/2024	
xxx906-1	Certificate of Deposit-Deficiency Reserve	250,000.00	4.00%	3/1/2024	
xxxxx803-1	Certificate of Deposit	1,000,000.00	4.05%	4/11/2024	
xxx591-1	Certificate of Deposit-OM Emergency Res.	210,000.00	4.15%	4/24/2024	
xxxxx106	Certificate of Deposit-OM Emergency Res.	106,317.55	4.15%	5/22/2024	
xxxxx30-1	Certificate of Deposit	2,000,000.00	4.15%	5/24/2024	Total Time & Savings Deposit Account Balance
xxxxx933-1	Certificate of Deposit-Project Dev Reserve	313,538.98	5.00%	8/30/2024	Less: FDIC Insurance Coverage
Total CD Balance		<u>4,845,056.53</u>			Time & Savings Deposit Balance to Secure
				x 110%	1.10
Total Time & Savings Deposit Account Balance				Pledging Required on Time & Savings Deposits	\$6,029,700.97
Total Deposits				Total Pledging Required on all Deposits	\$8,042,947.70
				Pledged Security/Letter of Credit	\$12,077,935.00
				Pledging Excess	\$4,034,987.30

GARRISON DIVERSION CONSERVANCY DISTRICT						
Tax Collections Statement						
For Eleven Months Ending December 31, 2023						
County	2023 Tax Levy Budget	2023 Tax Collections	Balance of Tax Levy Budget	2023 State Aid Budget	2023 State Aid	Balance State Aid Budget
Barnes	\$89,000	\$88,728	272	\$4,000	\$6,476	(\$2,476)
Benson	37,000	36,303	697	3,000	4,441	(1,441)
Bottineau	63,000	63,102	(102)	3,000	5,370	(2,370)
Burleigh	595,000	592,453	2,547	22,000	37,578	(15,578)
Cass	1,062,000	1,093,740	(31,740)	42,000	73,532	(31,532)
Dickey	46,000	45,947	53	3,000	5,270	(2,270)
Eddy	15,800	15,833	(33)	2,000	2,920	(920)
Foster	30,200	30,172	28	5,000	8,019	(3,019)
Grand Forks	335,000	334,340	660	9,000	15,121	(6,121)
Griggs	20,700	20,685	15	2,000	2,916	(916)
LaMoure	43,200	43,244	(44)	3,000	5,293	(2,293)
McHenry	51,100	51,325	(225)	2,000	2,929	(929)
McKenzie	378,000	377,233	767	23,000	38,992	(15,992)
McLean	84,000	83,776	224	6,000	10,200	(4,200)
Nelson	27,500	27,474	26	2,000	2,831	(831)
Pierce	34,500	34,671	(171)	2,000	3,810	(1,810)
Ramsey	65,100	65,238	(138)	4,000	7,001	(3,001)
Ransom	40,700	40,916	(216)	-	-	-
Renville	25,000	24,844	156	2,000	3,410	(1,410)
Richland	111,000	110,668	332	-	-	-
Sargeant	40,500	40,579	(79)	2,000	3,699	(1,699)
Sheridan	16,200	16,262	(62)	3,000	5,073	(2,073)
Steele	31,500	31,515	(15)	2,000	2,441	(441)
Stutsman	138,000	137,852	148	6,000	10,565	(4,565)
Traill	62,000	62,144	(144)	3,000	4,859	(1,859)
Ward	347,000	348,670	(1,670)	15,000	25,342	(10,342)
Wells	45,000	44,930	70	3,000	4,557	(1,557)
Williams	416,000	416,740	(740)	7,000	11,031	(4,031)
Totals	\$ 4,250,000	\$4,279,384	\$ (29,384)	\$ 180,000	\$ 303,676	(\$123,676)

**GARRISON DIVERSION CONSERVANCY DISTRICT
EXPENSE BUDGET ANALYSIS STATEMENT
For Twelve Months Ended December 31, 2023**

	Budget 1/1/22 to 12/31/22	Expenditures Chargeable to 2022 Budget	Budget 1/1/23 to 12/31/23	2023 Actual as of 12/31/2023	Balance of Budget as of 12/31/2023	Percentage of Budget Spent
GENERAL FUND						
Directors Expense						
Directors Per Diem	\$ 130,000	\$ 120,037	\$ 133,000	\$ 132,989	\$ 11	100.0%
Directors Expense	\$ 140,000	\$ 115,445	\$ 128,000	\$ 138,971	\$ (10,971)	108.6%
Total Directors Expense	\$ 270,000	\$ 235,482	\$ 261,000	\$ 271,960	\$ (10,960)	104.2%
Employee Expense						
Employee Salaries	\$ 822,000	\$ 780,874	\$ 908,000	\$ 788,482	\$ 119,518	86.8%
General Manager Exp	\$ 35,000	\$ 15,160	\$ 21,000	\$ 12,806	\$ 8,194	61.0%
Travel	\$ 61,000	\$ 33,344	\$ 57,444	\$ 29,743	\$ 27,700	51.8%
Admn Officer - Merri Mooridian	\$ 25,000	\$ 17,711	\$ 25,000	\$ 19,255	\$ 5,745	77.0%
Dist. Engr - Kip Kovar	\$ 10,000	\$ 6,490	\$ 10,000	\$ 3,701	\$ 6,298	37.0%
Engineer - Ryan Anderson	\$ 5,000	\$ 1,901	\$ 5,000	\$ 2,127	\$ 2,873	42.5%
Dir. Comm. - Kim Cook	\$ 6,000	\$ 1,363	\$ 6,000	\$ 1,512	\$ 4,488	25.2%
Emp Exp Other	\$ 15,000	\$ 5,879	\$ 11,444	\$ 3,148	\$ 8,296	27.5%
Professional Development	\$ 17,000	\$ 5,500	\$ 17,000	\$ 1,411	\$ 15,589	8.3%
Employee Training	\$ 15,000	\$ 5,500	\$ 15,000	\$ 1,411	\$ 13,589	9.4%
Wellness Program	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	0.0%
Benefits	\$ 406,000	\$ 332,717	\$ 430,556	\$ 365,600	\$ 64,956	84.9%
GDCD FICA	\$ 72,000	\$ 64,927	\$ 79,000	\$ 68,428	\$ 10,572	86.6%
Retirement	\$ 117,000	\$ 111,743	\$ 129,000	\$ 112,983	\$ 16,017	87.6%
Hospital & Life Insurance	\$ 177,000	\$ 136,698	\$ 175,000	\$ 143,729	\$ 31,271	82.1%
Unemployment Comp	\$ 1,000	\$ 307	\$ 3,621	\$ 3,572	\$ 49	98.6%
Dental / Vision Ins.	\$ 14,000	\$ 11,637	\$ 14,000	\$ 10,659	\$ 3,341	76.1%
Work Force Safety	\$ 1,000	\$ 307	\$ 1,000	\$ 380	\$ 620	38.0%
Long-Term Disability Ins	\$ 9,000	\$ 7,098	\$ 10,000	\$ 6,914	\$ 3,086	69.1%
Vacation/Sick Leave Liability	\$ 15,000	\$ -	\$ 18,935	\$ 18,935	\$ -	100.0%
Total Employee Expense	\$ 1,341,000	\$ 1,167,595	\$ 1,434,000	\$ 1,198,042	\$ 235,957	83.5%
Administration						
Postage	\$ 7,000	\$ 3,057	\$ 6,000	\$ 3,977	\$ 2,023	66.3%
Communications	\$ 31,000	\$ 14,124	\$ 16,000	\$ 13,023	\$ 2,977	81.4%
Utilities	\$ 34,000	\$ 31,989	\$ 33,000	\$ 35,560	\$ (2,560)	107.8%
Meetings & Events	\$ 10,000	\$ 8,602	\$ 30,000	\$ 26,714	\$ 3,286	89.0%
Subscriptions/Publications	\$ 6,000	\$ 5,850	\$ 6,000	\$ 4,694	\$ 1,306	78.2%
Miscellaneous	\$ 6,000	\$ 2,916	\$ 4,000	\$ 2,037	\$ 1,963	50.9%
Data Processing	\$ 23,000	\$ 20,270	\$ 45,000	\$ 45,701	\$ (701)	101.6%
Employee Recruiting	\$ 5,000	\$ -	\$ 5,000	\$ 3,635	\$ 1,365	72.7%
Supplies	\$ 18,000	\$ 10,135	\$ 14,000	\$ 11,156	\$ 2,845	79.7%
Small Office Equipment	\$ 14,200	\$ 10,886	\$ 20,000	\$ 22,641	\$ (2,640)	113.2%
Dues	\$ 15,000	\$ 11,528	\$ 14,000	\$ 12,937	\$ 1,063	92.4%
Insurance	\$ 15,800	\$ 15,509	\$ 18,000	\$ 17,232	\$ 768	95.7%
Annual Independent Audit	\$ 33,500	\$ 31,118	\$ 36,500	\$ 30,650	\$ 5,850	84.0%
Total Administration	\$ 218,500	\$ 165,984	\$ 247,500	\$ 229,957	\$ 17,545	92.9%
Public Education						
GDCD Tours	\$ 10,000	\$ 5,000	\$ 9,019	\$ 3,000	\$ 6,019	33.3%
ND Water Users Ass'n Dues	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	100.0%
ND Water Coalition Dues	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ -	100.0%
ND Water Magazine	\$ 18,000	\$ 18,000	\$ 18,000	\$ 20,000	\$ (2,000)	111.1%
Missouri River Joint Board	\$ 71,090	\$ 71,061	\$ 15,981	\$ 15,981	\$ -	100.0%
Upper Sheyenne	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000	0.0%
Conference Booth Fees, Sponsorships	\$ 9,750	\$ 6,940	\$ 20,000	\$ 8,542	\$ 11,458	42.7%
Miscellaneous	\$ 9,000	\$ 406	\$ 10,000	\$ -	\$ 10,000	0.0%
Total Public Education	\$ 151,840	\$ 135,407	\$ 157,000	\$ 81,523	\$ 75,477	51.9%

**GARRISON DIVERSION CONSERVANCY DISTRICT
EXPENSE BUDGET ANALYSIS STATEMENT
For Twelve Months Ended December 31, 2023**

	Budget 1/1/22 to 12/31/22	Expenditures Chargeable to 2022 Budget	Budget 1/1/23 to 12/31/23	2023 Actual as of 12/31/2023	Balance of Budget as of 12/31/2023	Percentage of Budget Spent
Professional Services						
Communications	\$ 160,000	\$ 109,375	\$ 140,000	\$ 127,867	\$ 12,134	91.3%
Engineering	\$ 125,000	\$ 43,248	\$ 47,000	\$ 20,330	\$ 26,670	43.3%
RRVWSP Development	\$ 469,000	\$ 65,640	\$ 456,000	\$ 114,456	\$ 341,544	25.1%
Technical Support for LAWA	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000	0.0%
Engineering	\$ 260,000	\$ 7,494	\$ 240,000	\$ 2,607	\$ 237,393	1.1%
Legal	\$ 133,000	\$ 51,674	\$ 125,000	\$ 61,896	\$ 63,104	49.5%
Financial	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000	0.0%
Consultants	\$ 50,000	\$ -	\$ 50,000	\$ 45,824	\$ 4,176	91.6%
Meeting, Misc. Exp	\$ 16,000	\$ 6,472	\$ 16,000	\$ 4,129	\$ 11,871	25.8%
Prof Services Other	\$ 30,000	\$ 22,793	\$ 20,000	\$ 16,719	\$ 3,281	83.6%
Legal Services	\$ 215,000	\$ 142,762	\$ 188,000	\$ 186,068	\$ 1,932	99.0%
Total Professional Services	\$ 999,000	\$ 383,818	\$ 851,000	\$ 465,440	\$ 385,561	54.7%
Irrigation Development						
ND Irrigation Association	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	100.0%
NDSU Oakes Irrigation Site	\$ 202,575	\$ 174,680	\$ 196,875	\$ 161,070	\$ 35,805	81.8%
Robert Titus Lease	\$ 16,625	\$ 16,484	\$ 17,000	\$ 16,083	\$ 917	94.6%
Irrigation Development	\$ 642,000	\$ 640,183	\$ 6,000	\$ 3,627	\$ 2,373	60.5%
Total Irrigation Development	\$ 911,200	\$ 881,347	\$ 269,875	\$ 230,780	\$ 39,095	85.5%
Recreation						
GDCD Recreation Grant Program	\$ 600,000	\$ 541,988	\$ 850,000	\$ 805,891	\$ 44,109	94.8%
DWRA Recreation Program	\$ 10,000	\$ 4,512	\$ 10,000	\$ 4,040	\$ 5,960	40.4%
Total Recreation	\$ 610,000	\$ 546,500	\$ 860,000	\$ 809,931	\$ 50,069	94.2%
Water Supply Grant Program	\$ 300,000	\$ 98,614	\$ 300,000	\$ 224,683	\$ 75,317	74.9%
Irrigation Districts Expense						
Irrigation Districts	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	0.0%
Total Irrigation Districts Expense	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	0.0%
Maintenance & Repair						
Equipment Maintenance	\$ 31,000	\$ 30,543	\$ 27,000	\$ 21,078	\$ 5,922	78.1%
Small Yard Equipment Purchases	\$ -	\$ -	\$ 5,000	\$ 8,350	\$ (3,350)	167.0%
Land & Bldg Maintenance	\$ 40,000	\$ 39,476	\$ 35,000	\$ 9,993	\$ 25,007	28.6%
Auto Expense	\$ 15,000	\$ 13,462	\$ 15,000	\$ 13,303	\$ 1,696	88.7%
Total Maintenance & Repair	\$ 86,000	\$ 83,481	\$ 82,000	\$ 52,724	\$ 29,275	64.3%
Capital Purchases						
Office Equip & Furniture	\$ 181,000	\$ 177,157	\$ 20,000	\$ 5,450	\$ 14,550	27.3%
Yard Equipment	\$ 30,000	\$ 29,899	\$ 20,000	\$ -	\$ 20,000	0.0%
Vehicle	\$ 60,000	\$ 57,786	\$ 40,000	\$ -	\$ 40,000	0.0%
Land and Buildings	\$ 110,000	\$ 106,399	\$ 670,000	\$ 719,495	\$ (49,494)	107.4%
Total Capital Purchases	\$ 381,000	\$ 371,241	\$ 750,000	\$ 724,945	\$ 25,056	96.7%
Total General Fund	\$ 5,270,540	\$ 4,069,469	\$ 5,214,375	\$ 4,289,985	\$ 924,392	82.3%

**GARRISON DIVERSION CONSERVANCY DISTRICT
EXPENSE BUDGET ANALYSIS STATEMENT
For Twelve Months Ended December 31, 2023**

	Budget 1/1/22 to 12/31/22	Expenditures Chargeable to 2022 Budget	Budget 1/1/23 to 12/31/23	2023 Actual as of 12/31/2023	Balance of Budget as of 12/31/2023	Percentage of Budget Spent
IRRIGATION FUND						
McClusky Canal Irrigation:	\$ 722,800	\$ 536,062	\$ 446,100	\$ 225,766	\$ 220,334	50.6%
Construction	\$ 290,000	\$ 261,007	\$ 19,000	\$ 18,769	\$ 231	98.8%
Operations	\$ 432,800	\$ 275,055	\$ 427,100	\$ 206,997	\$ 220,103	48.5%
Debt Payments	\$ 217,000	\$ 216,648	\$ 382,000	\$ 216,768	\$ 165,232	56.7%
Principal	\$ 171,630	\$ 171,282	\$ 315,000	\$ 178,384	\$ 136,616	56.6%
Interest	\$ 45,370	\$ 45,366	\$ 67,000	\$ 38,384	\$ 28,616	57.3%
Total Irrigation Fund	\$ 939,800	\$ 752,710	\$ 828,100	\$ 442,534	\$ 385,566	53.4%
GDU O & M						
Salaries and Benefits	\$ 2,247,266	\$ 2,070,155	\$ 2,172,799	\$ 2,199,804	\$ (27,005)	101.2%
Salaries	\$ 1,446,050	\$ 1,366,860	\$ 1,434,799	\$ 1,461,526	\$ (26,727)	101.9%
Benefits	\$ 801,216	\$ 703,295	\$ 738,000	\$ 738,278	\$ (278)	100.0%
Travel	\$ 17,115	\$ 7,099	\$ 29,000	\$ 28,228	\$ 772	97.3%
Training	\$ 9,000	\$ -	\$ 4,000	\$ 3,239	\$ 761	81.0%
Utilities	\$ 87,000	\$ 79,965	\$ 84,000	\$ 76,751	\$ 7,249	91.4%
Contractual Services	\$ 2,066,225	\$ 2,004,988	\$ 233,000	\$ 325,870	\$ (92,869)	139.9%
Supplies	\$ 624,000	\$ 552,792	\$ 445,000	\$ 458,463	\$ (13,463)	103.0%
Capital Purchases	\$ 385,000	\$ 296,614	\$ 402,188	\$ 402,188	\$ -	100.0%
Small Equipment Purchases	\$ -	\$ -	\$ 11,000	\$ -	\$ 11,000	0.0%
Equipment Rental	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000	0.0%
Equipment Maintenance	\$ 236,240	\$ 196,809	\$ 505,000	\$ 237,080	\$ 267,920	46.9%
Safety	\$ 58,985	\$ 33,676	\$ 57,000	\$ 57,671	\$ (671)	101.2%
Miscellaneous	\$ 22,000	\$ 14,435	\$ 19,000	\$ 18,160	\$ 840	95.6%
Materials	\$ 232,000	\$ 79,073	\$ 325,000	\$ 307,042	\$ 17,958	94.5%
Total GDU O & M	\$ 5,984,831	\$ 5,335,606	\$ 4,336,987	\$ 4,114,496	\$ 222,492	94.9%
MR&I Fund						
Salaries & Benefits	\$ 73,000	\$ 71,839	\$ 82,000	\$ 74,556	\$ 7,444	90.9%
State Administration	\$ 103,835	\$ 57,058	\$ 153,000	\$ 34,706	\$ 118,294	22.7%
MR&I Project Expenditures	\$ 27,000,000	\$ 25,292,604	\$ 20,000,000	\$ 18,914,984	\$ 1,085,016	94.6%
Total MR&I Fund	\$ 27,176,835	\$ 25,421,501	\$ 20,235,000	\$ 19,024,246	\$ 1,210,754	94.0%
RRV Water Supply Project						
Right of Way	\$ 90,000	\$ 88,594	\$ 1,400,000	\$ 1,568,596	\$ (168,596)	112.0%
Design/Construction in Progress	\$ 27,950,000	\$ 27,923,627	\$ 30,000,000	\$ 29,608,619	\$ 391,381	98.7%
Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
Professional Services	\$ 520,000	\$ 513,482	\$ 400,000	\$ 417,984	\$ (17,984)	464%
Financing/Legal/Administration	\$ 520,000	\$ 505,982	\$ 391,000	\$ 385,092	\$ 5,908	98.5%
Other Engineering	\$ -	\$ 7,500	\$ 9,000	\$ 32,892	\$ (23,892)	365.5%
Debt Payments	\$ 331,491	\$ 331,491	\$ 662,983	\$ 662,983	\$ -	200%
Principal	\$ 308,201	\$ 308,201	\$ 534,127	\$ 534,127	\$ -	100.0%
Interest	\$ 23,290	\$ 23,290	\$ 128,856	\$ 128,856	\$ -	100.0%
Total RRVWSP	\$ 28,891,491	\$ 28,857,194	\$ 32,462,983	\$ 32,258,182	\$ 204,801	99.4%
TOTAL ALL FUNDS	\$ 68,263,497	\$ 64,436,480	\$ 63,077,445	\$ 60,129,443	\$ 2,948,005	95.3%

GARRISON DIVERSION CONSERVANCY DISTRICT
GDCD RECREATION GRANT PROGRAM
OUTSTANDING PROJECTS
July 1, 1990 to December 31, 2023

COUNTY	PROJECT	GRANT APPROVAL DATE	OUTSTANDING PROJECTS	PROJECTS APPROVED 2023	EXPENDITURES 04-23-15 to 12-31-2022	EXPENDITURES 1-1-23 to 12-31-23	AMOUNTS RETURNED TO PROGRAM	BALANCE REMAINING 12-31-23
Barnes	Sheyenne River Water Trail	04-29-21	\$ 51,005.00					\$ 51,005.00
Barnes	City Wimbledon-Bathroom/Park Upgrade	03-30-23		\$ 12,999.00		\$ 12,999.00		\$ -
Barnes	Valley City Parks-Hi-Line Pickleball Court	09-20-23		\$ 75,000.00				\$ 75,000.00
Bottineau	Kramer City Park	09-28-22	\$ 21,250.00					\$ 21,250.00
Bottineau	T-Bar Lift at Winter Park	09-28-22	\$ 75,000.00			\$ 75,000.00		\$ -
Bottineau	Turtle Mountain Pickle Ball	03-30-23		\$ 4,750.00		\$ 3,488.82	\$ (1,261.18)	\$ -
Bottineau	City of Landa-Restroom Facilitites	09-20-23		\$ 6,250.00				\$ 6,250.00
Burleigh	Steckel Boat Landing Picnic Shelter	04-29-21	\$ 6,000.00					\$ 6,000.00
Burleigh	4H Arena Play Area	09-23-21	\$ 31,291.00			\$ 31,291.00		\$ -
Burleigh	Sibley Campground Electrical Updates	09-23-21	\$ 36,746.00			\$ 36,746.00		\$ -
Burleigh	American Legion Splash Pad	09-28-22	\$ 30,000.00			\$ 17,326.25		\$ 12,767.75
Burleigh	Wilton North Park Pickle Ball Court	09-28-22	\$ 2,395.00			\$ 958.10		\$ 1,436.90
Cass	RRV Fair Campground Phase I	05-06-20	\$ 4,721.00				\$ (4,721.00)	\$ -
Cass	Casselton Parks Revitalization	10-01-20	\$ 1,995.00		\$ 605.00	\$ 655.00	\$ (735.00)	\$ -
Cass	Casselton Shared Use Path	09-23-21	\$ 50,000.00			\$ 50,000.00		\$ -
Cass	Mapleton Shared Use Path	09-23-21	\$ 50,000.00			\$ 50,000.00		\$ -
Cass	Brewer Lake Water Hook-ups	03-30-22	\$ 638.00					\$ 638.00
Cass	Tinta Tawa Park Restroom	03-30-22	\$ 9,575.00					\$ 9,575.00
Cass	West Fargo Park District Playground Imp	09-28-22	\$ 16,145.00					\$ 16,145.00
Cass	Harwood-Splash Pad	03-30-23		\$ 27,204.00				\$ 27,204.00
Cass	North Elmwood Park Restoration	03-30-23		\$ 24,323.00				\$ 24,323.00
Cass	Tower City Pickle Courts	03-30-23		\$ 4,700.00		\$ 4,666.75		\$ 33.25
Cass	Casselton-Governor's Share Use Path	09-20-23		\$ 75,000.00				\$ 75,000.00
Cass	Fargo Park-Pepsi Soccer Playground	09-20-23		\$ 62,500.00				\$ 62,500.00
Dickey	West Side Park Playground	04-29-21	\$ 7,520.00					\$ 7,520.00
Dickey	Ellendale Baseball Grandstand Reno	09-28-22	\$ 20,000.00					\$ 20,000.00
Dickey	Wilson Dam Picnic Shelter Renovation	09-28-22	\$ 1,778.00					\$ 1,778.00
Dickey	Ellendale-Ice Skating Rink Expansion	09-20-23		\$ 4,500.00				\$ 4,500.00
Dickey	Oakes -Main Street Park	09-20-23		\$ 26,125.00				\$ 26,125.00
Eddy	Warming House/Boat Rental Building	04-29-21	\$ 5,750.00					\$ 5,750.00
Foster	Foster County Fairgrounds Picnic Shelter	09-23-21	\$ 5,191.00					\$ 5,191.00
Foster	Baseball/Softball Diamond Renovations	03-30-22	\$ 75,000.00		\$ 12,507.93	\$ 24,797.50		\$ 37,694.57
Foster	Carrington West Park Renovation	03-30-22	\$ 61,202.00		\$ 22,500.00	\$ 16,006.00		\$ 22,696.00
Foster	Carrington -Baseball Diamond	09-20-23		\$ 26,906.00				\$ 26,906.00
Grand Forks	Bringewatt Park Water Station	09-23-21	\$ 10,000.00			\$ 10,000.00		\$ -
Grand Forks	Kraft Field Grandstand Replacement	09-28-22	\$ 75,000.00					\$ 75,000.00
Grand Forks	Manvel Community Park Improvement	09-28-22	\$ 12,699.00					\$ 12,699.00
Grand Forks	Lincoln Drive Park Family Games Area	03-30-23		\$ 10,000.00		\$ 10,000.00		\$ -
Grand Forks	Grand Forks -Kraft Field Turf Resurfacing	09-20-23		\$ 56,250.00				\$ 56,250.00
Griggs	Binford Park Playground Update	03-30-22	\$ 2,950.00			\$ 1,249.50		\$ 1,700.50
Griggs	Binford Rodeo Ass. Community Centre	09-28-22	\$ 75,000.00			\$ 56,870.02		\$ 18,129.98
LaMoure	Sunset Park Revitalization Phase II	05-06-20	\$ 45,000.00		\$ 27,025.23	\$ 1,000.00	\$ (16,974.77)	\$ -
LaMoure	LaMoure Park-Sunset Park Swim Center	09-20-23		\$ 75,000.00				\$ 75,000.00
McHenry	Upham Park Improvement	04-29-21	\$ 9,125.00		\$ 8,627.75			\$ 497.25
McHenry	Splash Pad	09-23-21	\$ 19,838.00		\$ 1,725.00			\$ 18,113.00
McHenry	City of Upham-Park Restrooms	03-30-23		\$ 12,500.00				\$ 12,500.00
McHenry	Towner -Baseball Field Renovation	09-20-23		\$ 3,750.00				\$ 3,750.00
McKenzie	Tobacco Garden Shower/Bathroom	03-30-23		\$ 40,071.00				\$ 40,071.00
McLean	Walking/Bike Path Underwood	05-06-20	\$ 15,668.00				\$ (15,668.00)	\$ -
McLean	Lakeside Park Gazebo/Riverdale	04-29-21	\$ 1,500.00					\$ 1,500.00
McLean	Playground Equipment-Coleharbor	09-23-21	\$ 23,460.00			\$ 7,709.63		\$ 15,750.37
McLean	Garrison Softball Field Renovation	09-28-22	\$ 75,000.00					\$ 75,000.00
McLean	City of Butte-City Park	03-30-23		\$ 874.00				\$ 874.00
McLean	Arena Announcer Office & Concessions	03-30-23		\$ 6,946.00				\$ 6,946.00
McLean	Nelson Park & Community Garden	03-30-23		\$ 12,750.00				\$ 12,750.00
McLean	Sportsmen's Centennial Park Boat Ramp	03-30-23		\$ 6,250.00		\$ 4,480.04	\$ (1,769.96)	\$ -
McLean	McLean-Dynamite Bay Public Stairs	09-20-23		\$ 1,618.00				\$ 1,618.00
Nelson	Tolna City Park Restrooms	10-03-18	\$ 21,933.00					\$ 21,933.00
Nelson	Stump Lake Playground	03-30-22	\$ 13,869.00			\$ 11,833.89	\$ (2,035.11)	\$ -
Nelson	Lakota Wading Pool	09-28-22	\$ 51,030.00			\$ 51,030.00		\$ -
Pierce	Buffalo Lake Camp Site	04-29-21	\$ 3,250.00		\$ 1,930.06			\$ 1,319.94
Pierce	Barton Park Picnic Tables/Play Gym	09-23-21	\$ 1,250.00					\$ 1,250.00
Pierce	Rugby-Jaycee's Splashpad	03-30-23		\$ 40,202.00				\$ 40,202.00
Ramsey	Roosevelt Park Activity Building	09-28-22	\$ 75,000.00					\$ 75,000.00
Ramsey	Devils Lake-Indoor Playground	09-20-23		\$ 37,500.00				\$ 37,500.00
Ramsey	Ramsey County-Multi-Purpose Event Center	09-20-23		\$ 75,000.00				\$ 75,000.00
Ransom	Dead Colt Walkway	04-29-21	\$ 23,750.00					\$ 23,750.00
Ransom	Sheldon Pickle Ball/BB Courts	03-30-22	\$ 5,262.00					\$ 5,262.00
Renville	Mouse River Park Campground Electrical	09-23-21	\$ 3,750.00			\$ 3,750.00		\$ -
Renville	Mohall Splash Pad	09-28-22	\$ 20,000.00			\$ 20,000.00		\$ -
Renville	Mohall Splash Pad Phase II	03-30-23		\$ 6,875.00		\$ 6,875.00		\$ -
Richland	City Park Improvement-Abercrombie	04-29-21	\$ 34,682.00					\$ 34,682.00
Richland	Campground-Hankinson Park Board	04-29-21	\$ 29,984.00			\$ 15,789.61	\$ (14,194.39)	\$ -
Richland	Chaninkapa Park Multipurpose Shelter	03-30-22	\$ 42,000.00					\$ 42,000.00
Richland	Manatador Park Softball Dugouts	03-30-22	\$ 2,000.00					\$ 2,000.00
Richland	Wyndmere Park Board	03-30-22	\$ 10,728.00					\$ 10,728.00
Richland	Fairmount-Park Playground Equipment	03-30-23		\$ 9,750.00				\$ 9,750.00
Sargent	Silver Lake Bath House	05-06-20	\$ 6,377.00			\$ 6,377.00		\$ -
Sargent	North View Playground Milnor	03-30-22	\$ 14,210.00			\$ 14,210.00		\$ -
Sargent	Gwinner Aquatic Center	09-28-22	\$ 75,000.00			\$ 19,962.50		\$ 55,037.50
Sargent	Forman-Main Street Pocket Park	03-30-23		\$ 2,213.00			\$ (2,213.00)	\$ -

**GARRISON DIVERSION CONSERVANCY DISTRICT
WATER ASSISTANCE GRANT PROGRAM
COMPLETED PROJECTS
June 1, 2021 to December 31, 2022**

COUNTY	Sponsor	PROJECT	GRANT APPROVAL DATE	PROJECTS APPROVED 2021-2022	EXPENDITURES 6-1-21 to 12-31-22	AMOUNTS RETURNED TO PROGRAM
Benson	CPWD	Johnson, Keith & Jean	08-15-22	\$ 10,000.00	\$ 10,000.00	
Bottineau	USWD	Sponsel, Orvil & Shannon	05-18-22	\$ 3,989.00	\$ 3,989.00	
Burleigh	SCRWD	Irman, Mary Jo	06-01-21	\$ 1,511.00	\$ 1,510.25	\$ (0.75)
Burleigh	SCRWD	Roehrich, Cody	06-01-21	\$ 1,398.00	\$ 1,397.29	\$ (0.71)
Burleigh	SCRWD	Bloom, Jenny	04-07-22	\$ 7,474.00	\$ 7,474.00	
Eddy	CPWD	Rue, Dylan	06-01-21	\$ 3,800.00	\$ 3,800.00	
Foster	GRWD	Theis, Riley	04-07-22	\$ 10,000.00	\$ 10,000.00	
LaMoire	SRWD	Azzone, Tyler	05-18-22	\$ 4,450.00	\$ 4,450.00	
LaMoire	SRWD	Bolme Tyler	05-18-22	\$ 5,830.00	\$ 5,830.00	
McLean	MSRWD	Wannemacher, Melodie	10-06-22	\$ 5,259.00	\$ 5,259.00	
Nelson	TCRWD	Syverson, Joey & Kirstie	08-11-21	\$ 9,725.00	\$ 9,725.00	
Ramsey	GRWD	Eveslage, Travis	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Kowal, Alex	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Triepke, Travis	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Myklebust, Lee	08-26-21	\$ 10,000.00	\$ 10,000.00	
Ramsey	GRWD	Wakefield, Bill	04-07-22	\$ 10,000.00		\$ (10,000.00)
Ramsey	GRWD	Samuelson Welding	05-18-22	\$ 1,550.00	\$ 1,550.00	
Ramsey	GRWD	Beattie, Larry & Karen	08-15-22	\$ 4,250.00	\$ 4,250.00	
Renville	USWD	Backes Brothers Farm	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Bloms, Brian	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Bloms, Richard	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Lynch, Andrew & Amanda	08-11-21	\$ 10,000.00		\$ (10,000.00)
Richland	SEWUD	Holck, Jeremy	08-11-21	\$ 6,442.00	\$ 6,441.50	\$ (0.50)
Sheridan	MSRWD	Stein, Chris & Angela	06-01-21	\$ 2,325.00	\$ 2,325.00	
Stutsman	SRWD	Ganser, Travis	06-01-21	\$ 2,500.00	\$ 2,500.00	
Stutsman	SRWD	Agri Partners ND, LLC	06-01-21	\$ 10,000.00	\$ 10,000.00	
Stutsman	SRWD	Martin, Renae	05-18-22	\$ 350.00	\$ 235.00	\$ (115.00)
Stutsman	SRWD	Gielser Ryan & Megan	05-18-22	\$ 2,280.00	\$ 2,064.81	\$ (215.19)
Stutsman	SRWD	Gillespie, Cheryl	05-18-22	\$ 2,280.00	\$ 2,280.00	
Stutsman	SRWD	Kolbo, Larry & Margo	05-18-22	\$ 2,280.00	\$ 2,064.81	\$ (215.19)
Stutsman	SRWD	Schauer, Breann & Mathew	05-18-22	\$ 750.00	\$ 750.00	
Stutsman	SRWD	Park Board East Boat Wash	05-18-22	\$ 4,400.00		\$ (4,400.00)
Stutsman	SRWD	Park Board West Boat Wash	05-18-22	\$ 800.00		\$ (800.00)
Stutsman	SRWD	The Meadows RV Park	05-18-22	\$ 1,250.00	\$ 1,250.00	
Stutsman	SRWD	Ganser, Travis	6/1/2021	\$ 6,250.00	\$ 6,250.00	
Stutsman	SRWD	VanRay, Troy	05-18-22	\$ 7,000.00	\$ 7,000.00	
Wells	CPWD	Schmeiss, Tim	08-15-22	\$ 2,242.00	\$ 2,242.00	
		City of Turtle Lake	09-08-21	6,154.00	5,891.64	(262.36)
TOTALS				\$192,029.00	\$ 136,019.30	(\$56,009.70)

**GARRISON DIVERSION CONSERVANCY DISTRICT
BUDGET OF REVENUES AND EXPENDITURES Rv2
January 1, 2023 to December 31, 2023**

	General Fund	Operations & Maintenance Fund	Municipal, Rural, and Industrial Fund	Red River Valley Water Supply Project	Irrigation Fund	Total
REVENUES:						
Irrigation Admin	\$ 974					\$ 974
Project Income						\$ -
Lease Income						\$ -
Miscellaneous Income	\$ 3,558				\$ 364	\$ 3,922
Revenue Sale of Fixed Assets		\$ 173,167				\$ 173,167
Interest Income	\$ 336,678	\$ 1,545	\$ 897		\$ 4,000	\$ 343,120
Tax Levy/State Aid	\$ 4,583,060					\$ 4,583,060
O&M Non-project Income		\$ 692,617				\$ 692,617
Contract Revenue	\$ 80,552	\$ 4,138,697	\$ 19,037,012	\$ 31,966,727	\$ 487,788	\$ 55,710,776
Total Revenues	\$ 5,004,822	\$ 5,006,026	\$ 19,037,909	\$ 31,966,727	\$ 492,152	\$ 61,507,636
EXPENDITURES:						
Directors Expense	\$272,000					\$ 272,000
Employee Expenses	\$1,423,000	\$2,290,799	\$ 82,000	\$ -		\$ 3,795,799
Administrative Expenses	\$247,500	\$103,000	\$ 153,000			\$ 503,500
Public Education	\$ 157,000					\$ 157,000
Professional Services	\$851,000	\$326,000		\$ 423,900		\$ 1,600,900
Irrigation Development	\$269,875					\$ 269,875
Recreation Matching	\$860,000					\$ 860,000
Water Assistance Grant	\$ 300,000					\$ 300,000
Irrigation Districts Expenses	\$2,000					\$ 2,000
Maintenance & Repairs	\$53,606	\$1,215,000			\$427,100	\$ 1,695,706
Capital Purchases	\$ 778,394	\$402,188		\$ 31,376,100	\$19,000	\$ 32,575,682
MR&I Project Expenditures			\$ 20,000,000			\$ 20,000,000
Debt Service Payments				\$ 662,983	\$315,000	\$ 977,983
Interest on Debt Service					\$67,000	\$ 67,000
Total Expenditures	\$ 5,214,375	\$ 4,336,987	\$ 20,235,000	\$ 32,462,983	\$ 828,100	\$ 63,077,445
Revenues Over (Under) Expenditures*	\$ (209,553)	\$ 669,039	\$ (1,197,091)	\$ (496,256)	\$ (335,948)	\$ (1,569,809)
Transfers In (Out)	\$ 943,000	\$ (920,000)	\$ (23,000)	\$ -	\$ -	\$ -
Net Change in Fund Balance	\$ 733,447	\$ (250,961)	\$ (1,220,091)	\$ (496,256)	\$ (335,948)	\$ (1,569,809)

GARRISON DIVERSION CONSERVANCY DISTRICT
Income Budget
2023 Rv2

	2023 Budget	Revision	Revised 2023 Budget
REVENUES:			
Irrigation Admin	\$ 950	\$ 24	\$ 974
Project Income	\$ -		\$ -
Lease Income	\$ -		\$ -
Miscellaneous Income	\$ -	\$ 3,922	\$ 3,922
Revenue Sale of Fixed Assets	\$ -	\$ 173,167	\$ 173,167
Interest Income	\$ 33,120	\$ 310,000	\$ 343,120
Tax Levy	\$ 4,250,000	\$ 29,384	\$ 4,279,384
State Aid Distribution	\$ 180,000	\$ 123,676	\$ 303,676
O&M Non-project Income	\$ 532,684	\$ 159,933	\$ 692,617
Contract Revenue-General Fund	\$ 70,000	\$ 10,552	\$ 80,552
Contract Revenue-O&M	\$ 4,890,000	\$ (751,303)	\$ 4,138,697
Contract Revenue-MR&I	\$ 20,257,975	\$ (1,220,963)	\$ 19,037,012
Contract Revenue-RRVWSP	\$ 30,800,000	\$ 1,166,727	\$ 31,966,727
Contract Revenue-Irrigation	\$ 828,005	\$ (340,217)	\$ 487,788
Total Revenues	\$ 61,842,734	\$ (335,098)	\$ 61,507,636

GARRISON DIVERSION CONSERVANCY DISTRICT
Expense Budget
2023 Rv2

	Budget 2023	Revision	Revised Budget 2023
Directors Expense			
Directors Per Diem	\$133,000		\$133,000
Directors Exp	\$128,000	\$ 11,000	\$139,000
Total Directors Expense	\$261,000	\$11,000	\$272,000
Employee Expense			
Employee Salaries	\$908,000	\$ (11,000)	\$897,000
General Managers Expense	\$21,000		\$21,000
Travel	\$57,444		\$57,444
Administrative Officer	\$25,000		\$25,000
District Engineer	\$10,000		\$10,000
Engineer	\$5,000		\$5,000
Communications Director	\$6,000		\$6,000
Emp Exp Other	\$11,444		\$11,444
Professional Development	\$17,000		\$17,000
Employee Training	\$15,000		\$15,000
Wellness Program	\$2,000		\$2,000
Benefits	\$430,556		\$430,556
GDCD FICA	\$79,000		\$79,000
Retirement	\$129,000		\$129,000
Hospital & Life Insurance	\$175,000		\$175,000
Unemployment Comp	\$3,621		\$3,621
Vision / Dental	\$14,000		\$14,000
Workforce Safety Insurance	\$1,000		\$1,000
Long Term Disability Ins	\$10,000		\$10,000
Vacation/Sick Leave Liability	\$18,935		\$18,935
Total Employee Expense	\$1,434,000	-\$11,000	\$1,423,000
Administration			
Postage	\$6,000		\$6,000
Communications	\$16,000	\$ (2,000)	\$14,000
Utilities	\$33,000	\$ 3,000	\$36,000
Meetings & Events	\$30,000		\$30,000
Subscriptions	\$6,000		\$6,000
Miscellaneous	\$4,000		\$4,000
Data Processing	\$45,000	\$ 1,000	\$46,000
Employee Recruiting	\$5,000		\$5,000
Supplies	\$14,000		\$14,000
Small Office Equipment	\$20,000	\$ 3,000	\$23,000
Dues	\$14,000		\$14,000
Insurance	\$18,000		\$18,000
Annual Independent Audit	\$36,500	\$ (5,000)	\$31,500
Total Administration	\$247,500	\$0	\$247,500
Public Education			
GDCD Tours	\$9,019		\$ 9,019
ND Water Users	\$20,000		\$ 20,000
ND Water Coalition	\$14,000		\$ 14,000
ND Water Magazine	\$18,000	\$ 2,000	\$ 20,000
Missouri River Joint Board	\$15,981		\$ 15,981
Upper Sheyenne	\$50,000		\$ 50,000
Conferences/Sponsorships	\$20,000	\$ (2,000)	\$ 18,000
Miscellaneous	\$10,000		\$ 10,000
Total Public Education	\$157,000	\$0	\$ 157,000

GARRISON DIVERSION CONSERVANCY DISTRICT
Expense Budget
2023 Rv2

	Budget 2023	Revision	Revised Budget 2023
Professional Services			
Communications	\$140,000		\$140,000
Engineering	\$47,000		\$47,000
RRVWSP Development	\$456,000		\$456,000
Technical Support for LAWA	\$15,000		\$15,000
Engineering	\$240,000		\$240,000
Legal	\$125,000		\$125,000
Financial	\$10,000		\$10,000
Consultants	\$50,000		\$50,000
Meeting, Misc. Exp	\$16,000		\$16,000
Prof Services Other	\$20,000		\$20,000
Legal Services	\$188,000		\$188,000
Total Professional Services	\$851,000	\$0	\$851,000
Irrigation Development			
ND Irrigation Association	\$50,000		\$50,000
NDSU Oakes Irrigation Site	\$196,875		\$196,875
Bob Titus Lease	\$17,000		\$17,000
Irrigation Development	\$6,000		\$6,000
Total Irrigation Development	\$269,875	\$0	\$269,875
Recreation			
Recreation Matching	\$850,000		\$850,000
DWRA Recreation Program	\$10,000		\$10,000
Total Recreation	\$860,000	\$0	\$860,000
Water Assistance			
Water Assistance Grant	\$300,000	\$0	\$300,000
Irrigation District Expense			
Irrigation District Expenses	\$2,000		\$2,000
OTA Title Transfer	\$0		\$0
Technical Support	\$0		\$0
Legal	\$0		\$0
Total Irrigation District Expense	\$2,000	\$0	\$2,000
Maintenance & Repair			
Equipment Maintenance	\$27,000	\$ (5,500)	\$21,500
Small Yard Equipment Purchases	\$5,000	\$ 3,350	\$8,350
Land & Bldg Maintenance	\$35,000	\$ (24,744)	\$10,256
Auto Expense	\$15,000	\$ (1,500)	\$13,500
Total Maintenance & Repair	\$82,000	-\$28,394	\$53,606
Capital Purchases			
Office Equip & Furniture	\$20,000	\$ (1,100)	\$ 18,900
Yard Equipment	\$20,000	\$ (20,000)	\$ -
Vehicle	\$40,000		\$ 40,000
Land & Buildings	\$670,000	\$ 49,494	\$ 719,494
Total Capital Purchases	\$750,000	\$28,394	\$ 778,394
General Fund Subtotal	\$5,214,375	\$0	\$5,214,375

GARRISON DIVERSION CONSERVANCY DISTRICT
Expense Budget
2023 Rv2

	Budget 2023	Revision	Revised Budget 2023
Irrigation Fund			
McClusky Canal Irrigation	\$446,100	\$0	\$446,100
Construction	\$19,000		\$19,000
Operations	\$427,100		\$427,100
Debt Payments	\$382,000	\$0	\$382,000
Principal	\$315,000		\$315,000
Interest	\$67,000		\$67,000
Total Irrigation Fund	\$828,100	\$0	\$828,100
GDU O & M			
Salaries & Benefits	\$2,172,799	\$27,300	\$2,200,099
Salaries	\$1,434,799	\$ 27,000	\$1,461,799
Benefits	\$738,000	\$ 300	\$738,300
Travel	\$29,000		\$29,000
Training	\$4,000		\$4,000
Utilities	\$84,000		\$84,000
Contracted Services (Eng / Survey)	\$233,000	\$ 93,000	\$326,000
Supplies	\$445,000	\$ 13,500	\$458,500
Equipment Purchases	\$402,188		\$402,188
Small Equipment Purchases	\$11,000		\$11,000
Equipment Rental	\$50,000		\$50,000
Equipment Maintenance	\$505,000	\$ (134,500)	\$370,500
Safety	\$57,000	\$ 700	\$57,700
Miscellaneous	\$19,000		\$19,000
Materials	\$325,000		\$325,000
Total GDU O & M	\$4,336,987	\$0	\$4,336,987
MR&I Fund			
Salaries & Benefits	\$82,000		\$82,000
State Administration	\$153,000		\$153,000
MR&I Project Expenditures	\$20,000,000		\$20,000,000
Total MR&I Fund	\$20,235,000	\$0	\$20,235,000
RRV Water Supply Project			
ROW	\$1,400,000	\$ 169,000	\$ 1,569,000
Design/Construction in Progress	\$30,000,000	\$ (192,900)	\$ 29,807,100
Salaries & Benefits	\$0		\$ -
Professional Services	\$400,000	\$23,900	\$423,900
Financing/Legal/Administration	\$391,000		\$ 391,000
Other Engineering	\$9,000	\$ 23,900	\$ 32,900
Debt Payments	\$662,983		\$ 662,983
Principal	\$534,127		\$ 534,127
Interest	\$128,856		\$ 128,856
Total RRVWSP	\$32,462,983	\$0	\$ 32,462,983
TOTAL ALL FUNDS	\$63,077,445	\$0	\$ 63,077,445

January 2023	Present 2022 budget revisions to Board of Directors for approval
February 2023	Submission of preliminary 2024 budget (version 1) requests from staff
March 2023	Present 2024 draft budget (version 2) to Executive Committee Present 2023 budget revisions to Executive Committee for approval Present 2022 budget final revisions to Executive Committee for approval
April 2023	Present 2024 draft budget (version 3) to Board of Directors Present 2022 budget final revisions to Board of Directors for approval
June 2023	Present 2024 draft budget (version 3) to Executive Committee Present 2023 budget revisions to Executive Committee for approval
July 2023	Present 2024 budget (version 4) to Board of Directors
September 2023	Present 2023 budget revisions to Executive Committee for approval 2024 budget public hearing at Board of Director Meeting Final 2024 budget approval by the Board of Directors
October 2023	2024 budget and tax levy due to member counties
December 2023	Present 2023 budget revisions to Executive Committee for approval
January 2024	Present 2023 budget revisions to Board of Directors for approval
February 2024	Submission of preliminary 2025 budget (version 1) requests from staff
March 2024	Present 2025 draft budget (version 2) to Executive Committee Present 2024 budget revisions to Executive Committee for approval Present 2023 budget final revisions to Executive Committee for approval



GARRISON DIVERSION
 CONSERVANCY DISTRICT
 P.O. Box 140
 CARRINGTON, N.D. 58421
 (701) 652-3194
 FAX (701) 652-3195
 gdcdd@gdcdd.org
 www.garrisondiversion.org

MEMORANDUM

TO: GDCD Board Members
FROM: Duane DeKrey, General Manager
DATE: November 27, 2023
SUBJECT: Executive Committee Elections

During the January Board of Directors meeting, three Executive Committee member positions will be up for election.

The board chairman will request nominations from the floor at the meeting on January 11. Directors may also submit nominations to me prior to the meeting, as the secretary, or to Greg Bischoff, who serves as Chairperson on the Nominating Committee. Other members of the Nominating Committee are Geneva Kaiser and Mark Cook and can be contacted as well.

Elections will be held on January 12.

The individuals with expiring terms are:

Mark Cook, Bruce Klein and Dave Anderson. Mark and Bruce have completed two terms and are not eligible for re-election. Dave has served one term and is eligible to seek re-election.

Committee assignments for 2024 will be made by the board chairman following the election in January.

DD/las

REQUEST

Consideration and approval of a consultant task order in the amount of \$94,700 to provide communications services to Garrison Diversion. The result of this Task Order will facilitate consultant working as an extension of staff to plan, coordinate, and execute communication services that will educate and engage stakeholders, end users, affected landowners, and the public on key areas of the Project. Consultant services will begin in January 2024 and finish by January 2025.

TASK ORDER OBJECTIVES

With the RRVWSP currently under construction, this task order will assist Garrison Diversion in the development of a consistent and reliable communications strategy for project sponsors, community leaders, legislators, state leaders, and strategic partners.

A prime objective will be to provide support during the interim legislative session. This will include working with staff to provide project status updates, responses to legislator information requests, preparation prior to 2025 testimony, and legislator outreach.

In addition, the communications services will include assisting staff with outreach, education, and advocacy to provide up to date and accurate information about the Project. These services include the planning and support for the quarterly RRVWSP newsletter, social media, communications strategy, graphic design, and videography.

Lastly, project media coverage will be tracked and reported along with quarterly newsletter and social media analytics. Website maintenance services will be provided on an on-call basis.

TASK ORDER SUMMARY

The services to be provided by the consultant team (Black & Veatch and AE2S) are fully described in the attached Task Order.

Basic Services: The fee of \$94,700 includes both labor and direct expenses for consulting services to provide the identified communications assistance.

Special Services: There are no unique or specialized services required under this task order.



Black & Veatch Corporation

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

Task Order GF 1.47 – 2024 Strategic Communications Services

Effective Date – January 1, 2024

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

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I. PROJECT BACKGROUND

1. The Red River Valley Water Supply Project (Project) will provide an emergency and supplemental water supply to central and eastern North Dakota (ND) in the event of drought conditions providing resiliency for the communities and economy in the Red River Valley. The Project, as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, Owner), will also supply additional water to support industrial development as well as provide an environmental benefit to local rivers during drought conditions by augmenting natural stream flows. The source water will be withdrawn from the McClusky Canal west of the City of McClusky, ND, treated at a nearby biota water treatment plant. A 125-mile, multi-county pipeline will then convey flows from the plant east to the Sheyenne River. Lake Ashtabula located downstream will provide storage allowing for controlled releases to the Red River Valley when flow augmentation is needed.

2. Professional services to develop, implement, and support the overall Project’s communication program are being accomplished through the execution of annual task orders. The approach in this Task Order is like what was undertaken since 2021. Black & Veatch’s (Engineer’s) Consultant, Advanced Engineering and Environmental Services, LLC, will be primarily responsible for the execution of this Task Order working with Garrison Diversion’s in-house staff.

II. TASK ORDER OBJECTIVES

1. With the RRVWSP project currently under construction and seeking significant funding from the State of North Dakota, this Task Order will assist Garrison Diversion in the development of a consistent and reliable communications strategy for project sponsors, community leaders, legislators, state leaders, and strategic partners.
2. Assistance with preparing for the 2025 legislative session and complying with the regular reporting during the legislative interim. This will include working with staff to organize update calls, testimony development, responses to legislator information requests, and organizing supporters for testimony and legislator outreach.
3. Focus on assisting Garrison Diversion staff with the efforts of education, advocacy, and outreach to provide up to date and accurate information about the Project.
4. Planning and support for events that elevate the status of Garrison Diversion and the Project, including industry conferences and special events.
5. Tracking and reporting of project media coverage as well as quarterly newsletter and social media analytics.
6. Provide website maintenance as requested of the newly developed GDCD, LAWA, and RRVWSP sites.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer through its Consultant will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by the Engineer's Consultant consist of professional services associated with the project development and communications for the Project.
3. Work outside Basic and Special Services. Engineer through its Consultant agrees to provide the Basic Services and Special Services identified herein. Work not specifically discussed herein as part of Basic Services or Special Services is considered Additional Services. Additional Services will only be performed with proper separate authorization such as an amendment to this Task Order or a new separate Task Order.
4. Explicit Responsibilities. Basic Services and Special Services explicitly set forth the services Engineer's Consultant will perform and do not implicitly put any additional responsibilities or duties upon the Project Team and Communications Team. Deliverables to be provided are explicitly identified in the Deliverables paragraph of this Task Order.
5. Explicitly Identified Quantities. Engineer's Consultant 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, those quantities listed are considered Basic Services or Special Services and are, therefore, included in this Task Order scope of service and associated fee estimate. Services exceeding the written quantities shown below in Basic Services or Special Services are considered Additional Services.

IV. BASIC SERVICES

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

Communications

- Task 1 – Strategic Communications Planning and Management
- Task 2 – Public and Media Relations
- Task 3 – Interim Legislative Session Support
- Task 4 – Education and Engagement Support
- Task 5 – Owned Media Support (Digital, Social, Video, Design)
- Task 6 – Website Maintenance

1. Task 1 – Strategic Communications Planning and Management

This task includes overall management of Project Development related to communications and public outreach, the strategic development of and deployment of communication efforts for various audiences, and Communications Team meetings with Garrison Diversion staff.

2. Task 2 – Public and Media Relations

This task includes the quarterly development and dissemination of the RRVWSP newsletter and analytic reports that show open and click rates, as well as most read articles; as well as media monitoring to identify and assess the positive negative or neutral view of the RRVWSP, Garrison Diversion, and/or LAWA. This task also includes the monthly cost of the Constant Contact email marketing account utilized to send out the newsletter, event invitations, and other Project updates, as well as the annual cost to utilize Meltwater, a program that tracks traditional media and social media sentiments about the Project, Garrison Diversion, and LAWA.

3. Task 3 – Interim Legislative Session Support

This task includes the development of testimony and coordination of legislative meetings related to the interim legislative session and strategic legislative meetings leading up to the 2025 legislative session. This will include working with Garrison Diversion staff and LAWA members to coordinate tasks such as to organize legislative update calls, develop meeting materials for strategy and coordination meetings, testimony development, responses to legislator requests for information, and the coordination of Project supporters for testimony and legislator outreach, as well as graphic design, presentation development, and content for outreach materials.

4. Task 4 – Education and Engagement Support

This task includes working with Garrison Diversion staff and LAWA members to plan, coordinate, strategize, and execute communication services through the strategic development of articles, news releases, handouts, mailers, presentations, and website content graphic to educate and engage stakeholders, end users, affected landowners, and the public on key areas of the project. This task also includes communication and design services as described above to provide an extension of staff on an on-call basis.

5. Task 5 – Owned Media Support (Digital, Social, Video, Design)

This task includes the creation of four quarterly social media plans for Facebook and Twitter, as well as daily monitoring for comments and the development of responses, plus graphic design for social media posts.

6. Task 6 – Website Maintenance

Provide on-call website maintenance services for the Garrison Diversion, Lake Agassiz Water Authority, and Red River Valley Water Supply Project sites as needed. This task includes fixing any issues that may develop with the three sites, as well as providing help to Garrison Diversion staff with creating, removing webpages, or adding new functions to the sites on an as-needed basis. This includes website hosting services and fees.

V. 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.

1. Quarterly newsletter article creation, dissemination, and analytics report.
2. Quarterly social media content development, scheduling on Facebook and Twitter, and analytics report.
3. Meeting materials for strategy and coordination meetings.
4. Content and graphics development for owned media such as website, handouts, newsletters, social media, posters/signage, and presentations.
5. Development, media relations, and promotion of earned (traditional) media.
6. Development of standardized talking points for consistent messaging by Garrison Diversion, stakeholders, community leaders, and other interested groups.
7. Hosting services and on-call website maintenance for three websites associated with the RRVWSP – Garrison Diversion, LAWA, and RRVWSP sites.

VI. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. Owner commits to review periods for interim deliverables of no more than fourteen calendar days after receipt of deliverables from Engineer’s Consultant.
2. Provide Relevant Information. Owner agrees to provide relevant information and content regarding requirements for the various tasks. The Engineer’s Consultant shall be entitled to use and rely upon all information provided by the Owner or Owner’s consultants in performing services under this Task Order.
3. Advertising and Rental Fees. Owner agrees to pay directly to publication(s) or venues the fees of all public advertisements or in relation to conferences and events.

VII. FEE

The total fee for Basic Services provided under this Task Order is Ninety-four Thousand Seven Hundred Dollars (\$94,700).

A worksheet showing the fee and level of effort by task is included in Attachment A.

VIII. PERFORMANCE SCHEDULE

This scope and schedule start on January 1, 2024, with anticipated completion on or before December 31, 2024.

IX. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

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

X. ACCEPTANCE

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

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

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

Dated: _____

Dated: _____

ATTACHMENT A

Fee Estimate Worksheets

DRAFT

**GARRISON DIVERSION CONSERVANCY DISTRICT
WATER ASSISTANCE GRANT PROGRAM
COMPLETED PROJECTS
June 1, 2021 to December 31, 2022**

COUNTY	Sponsor	PROJECT	GRANT APPROVAL DATE	PROJECTS APPROVED 2021-2022	EXPENDITURES 6-1-21 to 12-31-22	AMOUNTS RETURNED TO PROGRAM
Benson	CPWD	Johnson, Keith & Jean	08-15-22	\$ 10,000.00	\$ 10,000.00	
Bottineau	USWD	Sponsel, Orvil & Shannon	05-18-22	\$ 3,989.00	\$ 3,989.00	
Burleigh	SCRWD	Irman, Mary Jo	06-01-21	\$ 1,511.00	\$ 1,510.25	\$ (0.75)
Burleigh	SCRWD	Roehrich, Cody	06-01-21	\$ 1,398.00	\$ 1,397.29	\$ (0.71)
Burleigh	SCRWD	Bloom, Jenny	04-07-22	\$ 7,474.00	\$ 7,474.00	
Eddy	CPWD	Rue, Dylan	06-01-21	\$ 3,800.00	\$ 3,800.00	
Foster	GRWD	Theis, Riley	04-07-22	\$ 10,000.00	\$ 10,000.00	
LaMoure	SRWD	Azzone, Tyler	05-18-22	\$ 4,450.00	\$ 4,450.00	
LaMoure	SRWD	Bolme Tyler	05-18-22	\$ 5,830.00	\$ 5,830.00	
McLean	MSRWD	Wannemacher, Melodie	10-06-22	\$ 5,259.00	\$ 5,259.00	
Nelson	TCRWD	Syverson, Joey & Kirstie	08-11-21	\$ 9,725.00	\$ 9,725.00	
Ramsey	GRWD	Eveslage, Travis	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Kowal, Alex	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Triepke, Travis	06-01-21	\$ 1,830.00	\$ 1,830.00	
Ramsey	GRWD	Myklebust, Lee	08-26-21	\$ 10,000.00	\$ 10,000.00	
Ramsey	GRWD	Wakefield, Bill	04-07-22	\$ 10,000.00		\$ (10,000.00)
Ramsey	GRWD	Samuelson Welding	05-18-22	\$ 1,550.00	\$ 1,550.00	
Ramsey	GRWD	Beattie, Larry & Karen	08-15-22	\$ 4,250.00	\$ 4,250.00	
Renville	USWD	Backes Brothers Farm	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Bloms, Brian	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Bloms, Richard	08-11-21	\$ 10,000.00		\$ (10,000.00)
Renville	USWD	Lynch, Andrew & Amanda	08-11-21	\$ 10,000.00		\$ (10,000.00)
Richland	SEWUD	Holck, Jeremy	08-11-21	\$ 6,442.00	\$ 6,441.50	\$ (0.50)
Sheridan	MSRWD	Stein, Chris & Angela	06-01-21	\$ 2,325.00	\$ 2,325.00	
Stutsman	SRWD	Ganser, Travis	06-01-21	\$ 2,500.00	\$ 2,500.00	
Stutsman	SRWD	Agri Partners ND, LLC	06-01-21	\$ 10,000.00	\$ 10,000.00	
Stutsman	SRWD	Martin, Renae	05-18-22	\$ 350.00	\$ 235.00	\$ (115.00)
Stutsman	SRWD	Gielser Ryan & Megan	05-18-22	\$ 2,280.00	\$ 2,064.81	\$ (215.19)
Stutsman	SRWD	Gillespie, Cheryl	05-18-22	\$ 2,280.00	\$ 2,280.00	
Stutsman	SRWD	Kolbo, Larry & Margo	05-18-22	\$ 2,280.00	\$ 2,064.81	\$ (215.19)
Stutsman	SRWD	Schauer, Breann & Mathew	05-18-22	\$ 750.00	\$ 750.00	
Stutsman	SRWD	Park Board East Boat Wash	05-18-22	\$ 4,400.00		\$ (4,400.00)
Stutsman	SRWD	Park Board West Boat Wash	05-18-22	\$ 800.00		\$ (800.00)
Stutsman	SRWD	The Meadows RV Park	05-18-22	\$ 1,250.00	\$ 1,250.00	
Stutsman	SRWD	Ganser, Travis	6/1/2021	\$ 6,250.00	\$ 6,250.00	
Stutsman	SRWD	VanRay, Troy	05-18-22	\$ 7,000.00	\$ 7,000.00	
Wells	CPWD	Schmeiss, Tim	08-15-22	\$ 2,242.00	\$ 2,242.00	
		City of Turtle Lake	09-08-21	6,154.00	5,891.64	(262.36)
TOTALS				\$192,029.00	\$ 136,019.30	(\$56,009.70)

GARRISON DIVERSION CONSERVANCY DISTRICT WATER ASSISTANCE GRANT PROGRAM OUTSTANDING PROJECTS June 1, 2021 to December 31, 2023									
COUNTY	Sponsor	PROJECT	GRANT APPROVAL DATE	OUTSTANDING PROJECTS	PROJECTS APPROVED 2023	EXPENDITURES 1-1-21 to 12-31-22	EXPENDITURES 1-1-23 to 12-31-23	AMOUNTS RETURNED TO PROGRAM	BALANCE REMAINING 12-31-23
Barnes	BRWD	Finger, Blake	08-24-23		\$ 9,775.00		\$ 8,278.02	\$ 1,496.98	\$ -
Bureigh	SCRWD	Leier, Tavi	08-15-22	\$ 1,351.00				\$ 1,351.00	\$ -
Benson	ASWUD	Sten, Tiffany	08-24-23		\$ 10,000.00		\$ 10,000.00		\$ -
Benson	CPWD	Foss, Scott	08-24-23		\$ 10,000.00				\$ 10,000.00
Cass	CRWD	Link, Steve	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Cass	CRWD	Nudell, Riggs	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Cass	CRWD	Pfeifer, Alex	05-10-23		\$ 10,000.00				\$ 10,000.00
Cass	CRWD	Richard, Leroy	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Cass	CRWD	Claus, Dylan	08-24-23		\$ 9,025.00				\$ 9,025.00
Cass	CRWD	Korthof, Jack	08-24-23		\$ 8,413.00				\$ 8,413.00
Dickey	SEWUD	City of Ludden	10-19-23		\$ 7,550.00				\$ 7,550.00
Eddy	GRWD	Harding, Logan	05-10-23		\$ 2,825.00		\$ 2,300.00		\$ 525.00
Eddy	GRWD	Snyder, Dale	05-10-23		\$ 7,150.00				\$ 7,150.00
Eddy	GRWD	Topp, Ryan	05-10-23		\$ 10,000.00				\$ 10,000.00
McKenzie	MCWRD	Heiser, Lynn	08-15-22	\$ 6,188.00			\$ 6,188.00		\$ -
McKenzie	MCWRD	Linseth, Elyce & Tyler	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
McLean	NPRWD	Andes, Hunter	08-24-23		\$ 8,463.00		\$ 7,496.21	\$ 966.79	\$ -
Nelson	TCRWD	Reinhart, Marlin	08-11-21	\$ 10,000.00				\$ 10,000.00	\$ -
Ramsey	GRWD	Klemetsrud, Scott	05-18-22	\$ 1,650.00			\$ 1,650.00		\$ -
Ramsey	GRWD	Lacina, Tane	08-15-22	\$ 5,550.00		\$ 4,125.00			\$ 1,425.00
Ramsey	GRWD	Newgard, Brent	05-10-23		\$ 10,000.00				\$ 10,000.00
Ramsey	GRWD	Shoenfish, Evan	05-10-23		\$ 10,000.00				\$ 10,000.00
Ramsey	GRWD	Wood, Steve	10-19-23		\$ 2,150.00		\$ 1,973.00	\$ 177.00	\$ -
Ransom	BRWD	Smith, Wyatt	08-24-23		\$ 4,000.00		\$ 3,022.76	\$ 977.24	\$ -
Ransom	SEWUD	Johannesson, Deb	08-24-23		\$ 10,000.00		\$ 10,000.00		\$ -
Renville	USWD	Frame, Jane	05-18-22	\$ 6,550.00					\$ 6,550.00
Richland	SEWUD	Andvik, Bruce & April	08-11-21	\$ 10,000.00			\$ 10,000.00		\$ -
Richland	SEWUD	Wolters, Andy	08-15-22	\$ 8,475.00					\$ 8,475.00
Richland	SEWUD	Steffens, Darrin & Alissa	10-19-23		\$ 7,625.00				\$ 7,625.00
Sargent	SEWUD	Schmidt, Anthony	08-24-23		\$ 6,287.00				\$ 6,287.00
Sargent	SEWUD	Storhaug, Travers & Brittany	08-24-23		\$ 2,035.00				\$ 2,035.00
Stutsman	SRWD	Carlson, Layne	06-01-21	\$ 9,000.00				\$ 9,000.00	\$ -
Stutsman	SRWD	Carlson, Ryan	06-01-21	\$ 9,000.00				\$ 9,000.00	\$ -
Stutsman	SRWD	Christenson, Gordon	06-01-21	\$ 1,500.00				\$ 1,500.00	\$ -
Stutsman	SRWD	Dunwoody, Clint	06-01-21	\$ 10,000.00				\$ 10,000.00	\$ -
Stutsman	SRWD	Sabinash, Mike	06-01-21	\$ 10,000.00				\$ 10,000.00	\$ -
Stutsman	SRWD	Reich, Becky	08-11-21	\$ 4,500.00			\$ 4,500.00		\$ -
Stutsman	SRWD	Wahl, John	05-18-22	\$ 1,630.00					\$ 1,630.00
Stutsman	SRWD	Dick, Lee	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Stutsman	SRWD	Haas, Eric	05-10-23		\$ 580.00		\$ 580.00		\$ -
Stutsman	SRWD	Kleven, Allen	05-10-23		\$ 1,120.00		\$ 1,120.00		\$ -
Stutsman	SRWD	Sortland, Brady	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Stutsman	BRWD	Peterson, Matt	08-24-23		\$ 10,000.00		\$ 10,000.00		\$ -
Stutsman	SRWD	Collins, Cecelia	08-24-23		\$ 2,565.00		\$ 2,427.85	\$ 137.15	\$ -
Stutsman	SRWD	Kamletz, Richard	08-24-23		\$ 1,950.00		\$ 732.20	\$ 1,217.80	\$ -
Stutsman	SRWD	Kienzle, Linda	08-24-23		\$ 2,250.00		\$ 2,197.51	\$ 52.49	\$ (0.00)
Stutsman	SRWD	Michel, Cody	08-24-23		\$ 3,210.00		\$ 3,210.00		\$ -
Stutsman	SRWD	Milo Trucking	08-24-23		\$ 3,500.00		\$ 3,348.88	\$ 151.12	\$ -
Stutsman	SRWD	Zillmer, Jordan & Erica	08-24-23		\$ 1,965.00		\$ 1,933.79	\$ 31.21	\$ 0.00
Stutsman	SRWD	Browning, Zac	10-19-23		\$ 8,250.00				\$ 8,250.00
Stutsman	SRWD	Jessen, Gene	10-19-23		\$ 10,000.00		\$ 10,000.00		\$ -
Stutsman	SRWD	Stebner, Dennis & Tammera	10-19-23		\$ 4,000.00		\$ 3,724.42	\$ 275.58	\$ -
Traill	ECRWD	Smith, Michael	10-19-23		\$ 10,000.00				\$ 10,000.00
Ward	NPRWD	Hendrickson, Joann & Duwayne	08-15-22	\$ 2,197.00					\$ 2,197.00
Ward	NPRWD	Keller, Dean	08-15-22	\$ 1,182.00					\$ 1,182.00
Ward	NPRWD	Wing, Michael & Crystal	08-15-22	\$ 2,469.00					\$ 2,469.00
Ward	NPRWD	Clark, Wade	08-24-23		\$ 10,000.00		\$ 10,000.00		\$ -
Wells	CPWD	Erdman, Kyle	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Wells	CPWD	Radamacher, Delaine	05-10-23		\$ 10,000.00		\$ 10,000.00		\$ -
Wells	CPWD	Schmaltz, Jeremy	10-06-22	\$ 10,000.00			\$ 10,000.00		\$ -
		City of Hannaford	02-10-23		\$ 20,000.00		\$ 20,000.00		\$ -
TOTALS				\$ 111,242.00	\$ 314,688.00	\$ 4,125.00	\$ 224,682.64	\$ 56,334.36	\$ 140,788.00

GARRISON DIVERSION CONSERVANCY DISTRICT					
MR&I Project Construction Report					
December 31, 2023					
Current Funding					
Project	Federal MR&I Funding	Prior MR&I Fund Expenditures	2023 MR&I Fund Expenditures	Total Expenditures	Federal MR&I Funding Remaining
ENDAWS	\$ 3,870,000.00	\$ 240,772.30	\$ 578,303.82	\$ 819,076.12	3,050,923.88
NAWS-Biota Treatment Plant	\$ 60,874,495.85	\$ 35,750,453.72	\$ 16,791,911.69	\$ 52,542,365.41	8,332,130.44
Biota WTP Ultra Violet Reactor	\$ 632,177.30	\$ 362,659.00	\$ 269,518.30	\$ 632,177.30	-
Biota WTP Dissolved Air Flotation Equip	\$ 1,355,750.00	\$ 80,500.00	\$ 1,275,250.00	\$ 1,355,750.00	-
NAWS-Westhope All Seasons III (2-4A)	\$ 3,415,730.00	\$ 3,415,729.46		\$ 3,415,729.46	0.54
NAWS-Glenburn to Renville (2-3C)	\$ 2,689,519.00	\$ 2,689,518.18		\$ 2,689,518.18	0.82
NAWS-Westhope to Souris River (2-4B)	\$ 4,660,000.00	\$ 3,210,130.47		\$ 3,210,130.47	1,449,869.53
NAWS-Souris Corner to Bottineau (2-4C)	\$ 2,943,370.00	\$ 2,943,369.46		\$ 2,943,369.46	0.54
Totals	\$ 80,441,042.15	\$ 48,693,132.59	\$ 18,914,983.81	\$ 67,608,116.40	\$ 12,832,925.75

GARRISON DIVERSION CONSERVANCY DISTRICT
 MR&I BIL Agreement Project Construction Report
 December 31, 2023

Current Funding

Project	Federal MR&I Funding	Prior MR&I Fund Expenditures	2023 MR&I Fund Expenditures	Total Expenditures	Federal MR&I Funding Remaining
NAWS Biota WTP & Pump Station Ph 2 (7-2B/4-1B)	\$ 26,645,000.00	\$ -	\$ -	\$ -	26,645,000.00
Bottineau Reservoir & Pump Station 4-4B/5-4B	\$ 7,400,000.00				7,400,000.00
Snake Creek Discharge Pipeline (2-1E)	\$ 4,500,000.00				4,500,000.00
Totals	\$ 38,545,000.00	\$ -	\$ -	\$ -	\$ 38,545,000.00



2023 to 2025 Biennium Work Plan

(\$244.0 mil Total Funding: \$180 mil State; \$61 mil Local Users; \$3.0 mil MR&I)

December 19, 2023

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	Federal 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
1.	<p>Garrison Diversion Conservancy District Budget</p> <p>Scope: Account for all costs for which Garrison Diversion is responsible not included in other Task Orders listed here.</p> <p>Need: Budget allocation for GDCD direct costs associated with the Red River Valley Water Supply Project.</p>	Garrison Diversion's costs for the RRVWSP, including internal mgmt, admin, legal, communication, insurance advisory, misc., etc.		GDCD				\$ 2.50	\$ 1.87	\$ 0.63			
2.	<p>Property, Easements, and Crop Damage Payments⁴</p> <p>Scope: Costs to obtain easements and acquire property for associated facilities. Crop damage payments to landowners.</p> <p>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.</p>	Acquire easements in Sheridan and Wells County for 32-mi pipeline. Pay bonus payment to all easement holders. Acquire property for Biota WTP, Hydraulic Break Tanks, McClusky Canal Intake, and James River sites. Pay for crop damage.		RRVWSP ENDAWS ENDAWS Facilities Crp Dmg	\$ 0.49 \$ 2.00	\$ 0.37 \$ 1.50	\$ 0.12 \$ 0.50	\$ 2.21 \$ 0.78	\$ 1.66 \$ 0.58	\$ 0.55 \$ 0.20			
3.	<p>Transmission Pipeline East Contract 5C</p> <p>Scope: Pipeline installation, including construction phase engineering services by Engineer.</p> <p>Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.</p>	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.	Jul-23 Nov-23	Prof Svcs Const, 2026 Fin							\$ 5.64 \$ 76.67	\$ 4.23 \$ 57.50	\$ 1.41 \$ 19.17
4.	<p>Transmission Pipeline East Contract 5D</p> <p>Scope: Pipeline installation, including construction phase engineering services by Engineer.</p> <p>Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.</p>	10± miles of 72" pl, including several 96" tunnels. Pipeline section extends westward from Contract 5A south of Carrington to a termination point south of Sykeston.	Jul-23 Oct-23	Prof Svcs Const, 2026 Fin							\$ 5.47 \$ 61.68	\$ 4.10 \$ 46.26	\$ 1.37 \$ 15.42
5.	<p>RRV Transmission Pipeline Contract 6A</p> <p>Scope: Pipeline installation, including construction phase engineering services by Engineer.</p> <p>Need: Continue progress of transmission pipeline installation for completion of RRVWSP by the target end date.</p>	6± mi of 72" pl, including several 96" tunnels. Pipeline section extends eastward from Contract 5C just east of the James River to a termination point southwest of Glenfield.	Jul-23 Oct-24	Prof Svcs Const, 2027 Fin							\$ 5.47 \$ 45.00	\$ 4.10 \$ 33.75	\$ 1.37 \$ 11.25
6.	<p>ENDAWS Transmission Pipeline Contract 3</p> <p>Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.</p> <p>Need: Continue progress of transmission pipeline installation for completion of RRVWSP/ENDAWS by the target end date.</p>	11± mi of 72" pipeline, including 96" tunnels. Pipeline section extends west from the west end of Contract 4 to the Sheridan Wells County line.	Aug-23	ENDAWS	\$ 3.06	\$ 2.30	\$ 0.76						



2023 to 2025 Biennium Work Plan

December 19, 2023

(\$244.0 mil Total Funding: \$180 mil State; \$61 mil Local Users; \$3.0 mil MR&I)

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	Federal 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
7.	Transmission Pipeline East Contracts 4A and 4B	27± mi of 72" pl, including several 96" tunnels. Pipeline extends from the west end of Contract 5D south of Sykeston west to a termination point NE of Hurdsfield at HBTs.	Feb-24	Prof Svcs				\$ 7.19	\$ 5.39	\$ 1.80			
	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).												
8.	RRV Transmission Pipeline Contract 7	14± mi of 72" pipeline, including several 96" tunnels. Pipeline extends from the east end of Contract 6B to the outfall on the Sheyenne River southeast of Cooperstown.	Aug-23	Prof Svcs				\$ 2.93	\$ 2.20	\$ 0.73			
	Scope: Final design (30% docs to biddable plans and specs) and bidding assistance.												
	Need: Have the next pipeline section bid-ready when State funding becomes available (likely the 2025-27 biennium).												
9.	McClusky Canal Intake and Pumping Station	Siting; passive intake screens, pumping station similar to MRI, and utility extension design can begin for new facility to be located near McClusky, ND.	Feb-24	Prof Svcs	\$ 0.76	\$ 0.57	\$ 0.19						
	Scope: Conceptual and preliminary design of an intake and pumping station at the McClusky Canal.												
	Need: Preliminary designs are necessary so site acquisition can begin and final design can commence when land is secured.												
10.	Biota Water Treatment Plant and Main Pumping Station	165-cfs biota WTP, with chlorine and UV disinfection to meet NDPDES permit and FEIS requirements per Reclamation. Chloramines for residual disinfectant in pipeline.	Feb-24	Prof Svcs	\$ 2.88	\$ 2.16	\$ 0.72						
	Scope: Conceptual and preliminary designs for a Biota WTP and Main Pumping Station, including hydraulic surge facility.												
	Need: Complete design to a point where land acquisition can begin and project can move into final design next biennium.												
11.	Hydraulic Break Tanks	Two 5 MG above-ground storage tanks and accessories, site piping and valves, monitoring, and utility extensions necessary for a new greenfield site.	Feb-24	Prof Svcs	\$ 0.38	\$ 0.28	\$ 0.10						
	Scope: Preliminary design of above-ground tanks and associated facilities at or near the continental divide.												
	Need: Complete design to a point where land acquisition can begin and project can move into final design next biennium.												
12.	PMIS Annual Licenses & Continued Maint/Upgrades	Vendor fees (e-Builder & DocuSign) for licenses of expanded team and consulting support for training of contractors/ subcontractors and workflow/report additions and modifications.	Feb-24	Vend & Prof Svcs				\$ 0.49	\$ 0.37	\$ 0.12			
	Scope: Annual software license renewal for expanded team and consulting support for training and configuration services.												
	Need: Create greater efficiency and documentation for voluminous amount of construction related documents.												
13.	Prg Mgmt to Support Larger Spend and Expanded Team	Overall planning, management, administration, scheduling, budgeting, coordination, meeting preparation/attendance, regulatory interface, reporting, etc.	Aug-23	Prof Svcs				\$ 0.66	\$ 0.50	\$ 0.16			
	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.												



2023 to 2025 Biennium Work Plan

(\$244.0 mil Total Funding: \$180 mil State; \$61 mil Local Users; \$3.0 mil MR&I)

December 19, 2023

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	Federal 75%	Local 25%	Total	State 75%	Local 25%	Total	State 75%	Local 25%
14.	Outreach, Plng, and Design to Secure User Commitments	Size pipelines, pumping stations, channels, storage, etc. and other necessary infrastructure to deliver raw water to end users. Update capex to reflect current market.	Aug-23	Prof Srvs				\$ 1.70	\$ 1.28	\$ 0.42			
	Scope: User briefings and necessary support, including conceptual designs, to secure project commitments. Need: Define pipeline extensions to identify for users how and a what cost water will be delivered to their communities.												
15.	Operational Planning and Asset Management Phase 3	Refine details of diversions to/from Lake Ashtabula. Finalize stakeholder roles and responsibilities as it relates to system operation.	Feb-24	Prof Srvs				\$ 0.47	\$ 0.35	\$ 0.12			
	Scope: System modeling, evaluation, planning, and report development documenting results/findings/outcomes. Need: Finalize Garrison Diversion, State Water Commission, and USACE roles for system operation.												
16.	Financial Planning Support	Update financial models; address state loan and financing program changes; end user funding, financing, and cost-share analyses; continued funding and finance outreach.	Aug-23	Prof Srvs				\$ 0.59	\$ 0.44	\$ 0.15			
	Scope: Continue to refine the financial model and provide scenarios as required to support users and the program. Need: Accurate water bill estimates and affordability for customers are necessary to gain approval from users.												
17.	Contingency	Budget flexibility to adapt to work plan changes and to pay for construction change orders typically running from 3 to 5% of original construction costs at bid time.	N/A	GDCD	\$ 1.08	\$ 0.81	\$ 0.27	\$ 2.18	\$ 1.64	\$ 0.54	\$ 11.72	\$ 8.79	\$ 2.93
	Scope: A budget reserve for task order additions to professional services, construction, legal, real estate, etc. TOs. Need: Address and pay for changes that are sure to occur.												
TOTAL PROGRAM BUDGET					\$ 10.65	\$ 7.99	\$ 2.66	\$ 21.70	\$ 16.28	\$ 5.42	\$ 211.65	\$ 158.73	\$ 52.92

- Notes:**
- Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
 - Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
 - Future capital costs are escalated to an anticipated midpoint of construction per Finance Team rates of 7, 6, 5, 5, and 3.5 percent per annum thereafter starting in 2022 with an anticipated 2032 finish. All future RRVWSP construction projects and costs are not shown.
 - Land services costs are the amount likely to be paid for real estate, easements, including bonus payments, crop damage, and field obstructions. Estimates include pipeline easements required for the ENDAWS east/west pipeline (none are secured at this point) and remaining easements from the Hydraulic Break Tanks to the Sheyenne River Outfall (25% remain mostly in Wells County).
 - Items appearing in blue bold are progressing with task orders and contracts issued to the engineering team and contractors, respectively. Items appearing in blue italics have been updated to reflect adjustments made for actual amounts contracted. Items shown in black text are pending.

RRVWSP Work Plan Update
December 5, 2023

CONSTRUCTION

Wet Well Construction Contract 1

The project is closed, original contract price \$4,989,405.88 with change order 1 and 2 making the final contract price \$4,721,446.47.

Pipeline Construction

Contract 5A

The project is closed, original contract price \$8,366,201.00, with change order 1 and 2 making the final contract price of \$8,393,395.44.

Reclaimed Property



Typical Air Release Manhole



Contract 5B

The original pipe delivery of June 15, 2021, was delayed due to a surface blemish in the steel coil. Year one 2022, 7,761 feet were installed out of the nine miles. High groundwater slowed the pipe installation progress.

For the second year 2023, 21,120 feet were installed for a total contract 5B pipe install to date 28,881 feet (5.5 miles).

To date, \$18,939,066.56 has been paid on the original contract amount of \$45,961,700.00. Change Order No. 1, 2 and 3 has been approved, leaving the current contract price at \$44,932,678.24.



Discharge Structure Construction

Final payment has been made. Original contract amount was \$1,516,955 plus Change Order No. 1 for \$4,929 for a final contract price of \$1,521,884.

Missouri River Intake Tunnel and Screen Final Design Contract 2

The project is closed, original contract price \$18,896,900 with change 5 change orders making the final contract price \$19,444,165.60.



Site Under Construction



Completed Missouri River Intake

DESIGN

The design team is also working with Reclamation and USFWS routing the ENDAWS pipeline through wetland and other various existing easements.

Contract 5D bid opening was held September 7 awarded to Carstensen Contracting, Contract 5C bid opening September 21 awarded to Oscar Renda. Contract 6A will be scheduled for bid in 2024.

**ENDAWS Task Order 2250 – Eastern North Dakota Alternate Water Supply
 Preliminary Design Services**

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Consideration and approval of a preliminary design task order in the amount of \$751,031 for preliminary design associated with the McClusky Canal Intake and Pumping Station as part of the Eastern North Dakota Alternate Water Supply (ENDAWS) project. The Task Order advances the appraisal-level design completed under the Bureau of Reclamation’s ENDAWS Environmental Impact Statement and Record of Decision. Services will begin in February 2024 and finish by October 2025. These professional services are provided on an hourly basis; the fee is an estimate based on the scope and nature of the work and the 20-month schedule.

TASK ORDER SUMMARY

The services to be provided by the engineering team are fully described in the attached Task Order. The following summarizes each of the major tasks.

Basic Services: The estimated hourly fee and expenses for standard and customary preliminary design, surveying, and environmental services are as follows for a future construction project with an estimated cost of \$36 million:

	Fee	% of Const
1) Task Order Management and Administration	\$93,294	0.26%
2) Special Project and Third-Party Meetings	\$31,710	0.09%
3) Final Site Selection, Site Reconnaissance and Landowner Communication Support Services	\$20,523	0.06%
4) Coordination of Land Acquisition, Geotechnical Investigation, and Environmental/Cultural Surveys	\$12,213	0.03%
5) Preliminary Design Services	\$592,432	01.65%
Totals	\$751,031	2.08%

Special Services: There are no unique or specialized services required under this task order.

PROJECT OVERVIEW

A map showing the location of the project is included in the background information of the attached Task Order. This project will be located adjacent to the McClusky Canal, and adjacent to the Biota Water Treatment Plant site near McClusky, North Dakota. Elements of this preliminary design Task Order are:

- Development of a Project Management Plan specific to the Work to keep the Task Order on schedule and on budget,
- Leading Special Project and Third-Party meetings to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input,
- Review the final site location for the intake and pumping station, including development of a final site selection technical memorandum,
- Coordination between this task order and the Task Order 3210 – Biota Water Treatment Plant & Main Pumping Station Task Order, including
 - Property acquisition and preliminary geotechnical investigation support
 - Environmental/cultural/threatened and endangered species surveys and reports
 - Topographic site plans, and routing necessary utilities to the site

**ENDAWS Task Order 2250 – Eastern North Dakota Alternate Water Supply
Preliminary Design Services**

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

- Preliminary Design to complete permitting, a refinement of system hydraulics, utility coordination, a geotechnical investigation, and modeling such that the spatial location and size of the intake, pumping station size, and necessary utilities are fully defined, and
- Development of an ENDAWS preliminary design report, associated preliminary design drawings, and preliminary Opinion of Probable Construction Cost as the key deliverables.



Black & Veatch Corporation

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

ENDAWS Task Order 2250 – McClusky Canal Intake and Pumping Station Preliminary Design

Effective Date – February 1, 2024

Content of this Task Order is as follows:

- I. PROJECT BACKGROUND..... 1
- II. TASK ORDER OBJECTIVES..... 2
- III. GENERAL REQUIREMENTS..... 6
- IV. BASIC SERVICES..... 6
- V. DELIVERABLES (not updated)..... 10
- VI. ADDITIONAL SERVICES..... 11
- VII. SPECIAL RESPONSIBILITIES OF OWNER..... 11
- VIII. FEE..... 11
- IX. PERFORMANCE SCHEDULE..... 12
- X. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS..... 12
- XI. ACCEPTANCE..... 12

I. PROJECT BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Project) will provide a supplemental water supply to eastern and central North Dakota (ND) in the event of drought conditions in the Red River watershed. The Project as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, the Owner) will also supply additional water to support industrial development as well as provide an environmental benefit to local rivers during drought conditions by augmenting natural stream flows. The source water will be withdrawn from the Missouri River or the McClusky Canal and conveyed to a new water plant. A multi-county pipeline will then convey flows from the plant to the Sheyenne River. Lake Ashtabula located downstream will provide storage for controlled releases to the Red River Valley. The current focus of the project is to construct the intake at the McClusky Canal and the completion of the pipeline from the McClusky Canal to the Sheyenne River.
2. Professional services for design of the Project will be accomplished through the execution of multiple task orders for design and associated activities as well as for engineering services during construction. This Task Order will be executed under two foundation documents:

- A. A Preliminary Design Report (PDR) prepared by Engineer and authorized by Owner under previously executed Task Order.
- B. The Eastern North Dakota Alternate Water Supply (ENDAWS) Environmental Impact Statement (EIS).

II. TASK ORDER OBJECTIVES

1. The objective of this task order is to complete a preliminary design for the McClusky Canal Intake and Pumping Station, which will be an approximately 2,400 HP pump station designed to convey 165 cfs of flow. **Figure 1** shows the approximate location and layout of the McClusky Canal Intake and Pumping Station and its relation to the Biota Water Treatment Plant. **Figure 2** shows a conceptual layout drawing of the intake and pump station from the ENDAWS EIS.
2. The U.S. Department of the Interior, Bureau of Reclamation (Reclamation) completed the Eastern North Dakota Alternate Water Supply EIS which resulted in the Record of Decision being signed for the ENDAWS portion of this project. As such, Reclamation is a stakeholder for this project and coordination with them is presumed throughout the effort.
3. Specific objectives for this Task Order are to:
 - A. Finalize a site location for the facility. A preliminary evaluation of sites was completed as part of the Reclamation EIS and under Task Order 5280. The presumed site has been identified but the final site selection needs to be determined with Garrison Diversion and the U.S. Bureau of Reclamation. While the EIS shows the McClusky Canal Intake Pumping Station as a standalone facility, a design goal is to integrate the pumping station into the overall site plan of the Biota Water Treatment Plant.
 - B. Support Garrison Diversion with the required survey and easements so it can complete land acquisition of the required property.
 - C. Complete a preliminary geotechnical investigation to support the preliminary design.
 - D. Complete environmental, cultural, threatened and endangered species, and raptor surveys of the property.
 - E. Develop topographic site plans from currently available LIDAR information.
 - F. Develop a plan for bringing required utilities to the selected property locations.
 - G. Develop a Basis of Design Report and the preliminary design drawings outlined in **Attachment A**.
 - H. Provide an updated Opinion of Probable Construction Cost (OPCC).
4. Items B, C, D, E, and F listed above will be performed under the ENDAWS TO 3210 Biota WTP & Main Pumping Station Preliminary Design but will be coordinated with this task. Specifically,
 - A. Land acquisition assistance to Garrison Diversion through property appraisals, property boundary surveys, landowner contacts, offer/counteroffer(s), and landowner negotiations. Normal property acquisition activities are assumed.

- B. A preliminary geotechnical investigation and reporting of the in-situ soil conditions for land-side borings and borings in the McClusky Canal and pump station wet well site.
- C. A detailed assessment of the land expected to be acquired for environmental and cultural features as well as the potential for contamination.
- D. A site map showing topography that will form the basis for the site layout.

DRAFT

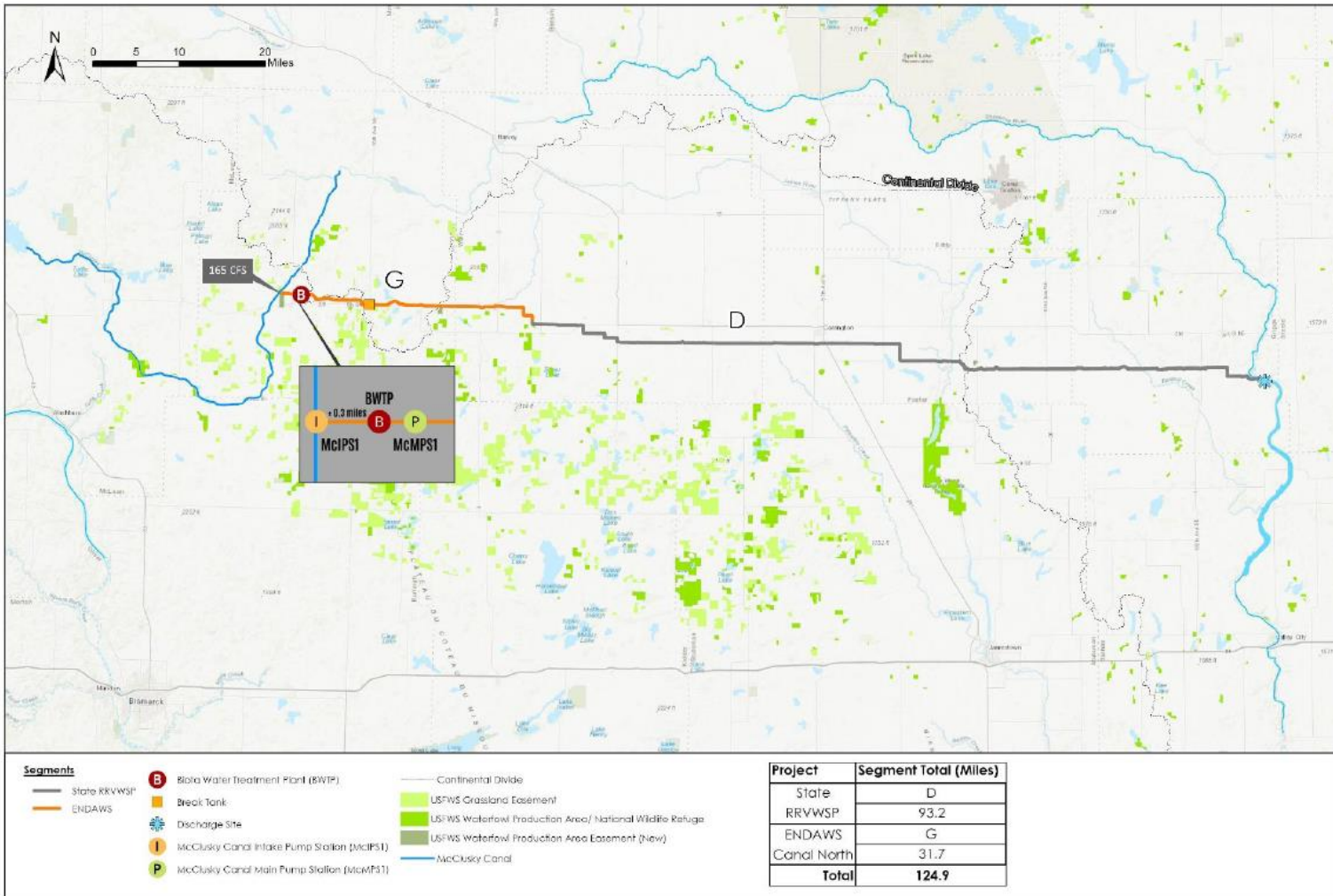


Figure 1 - McClusky Canal Intake and Pumping Station Location

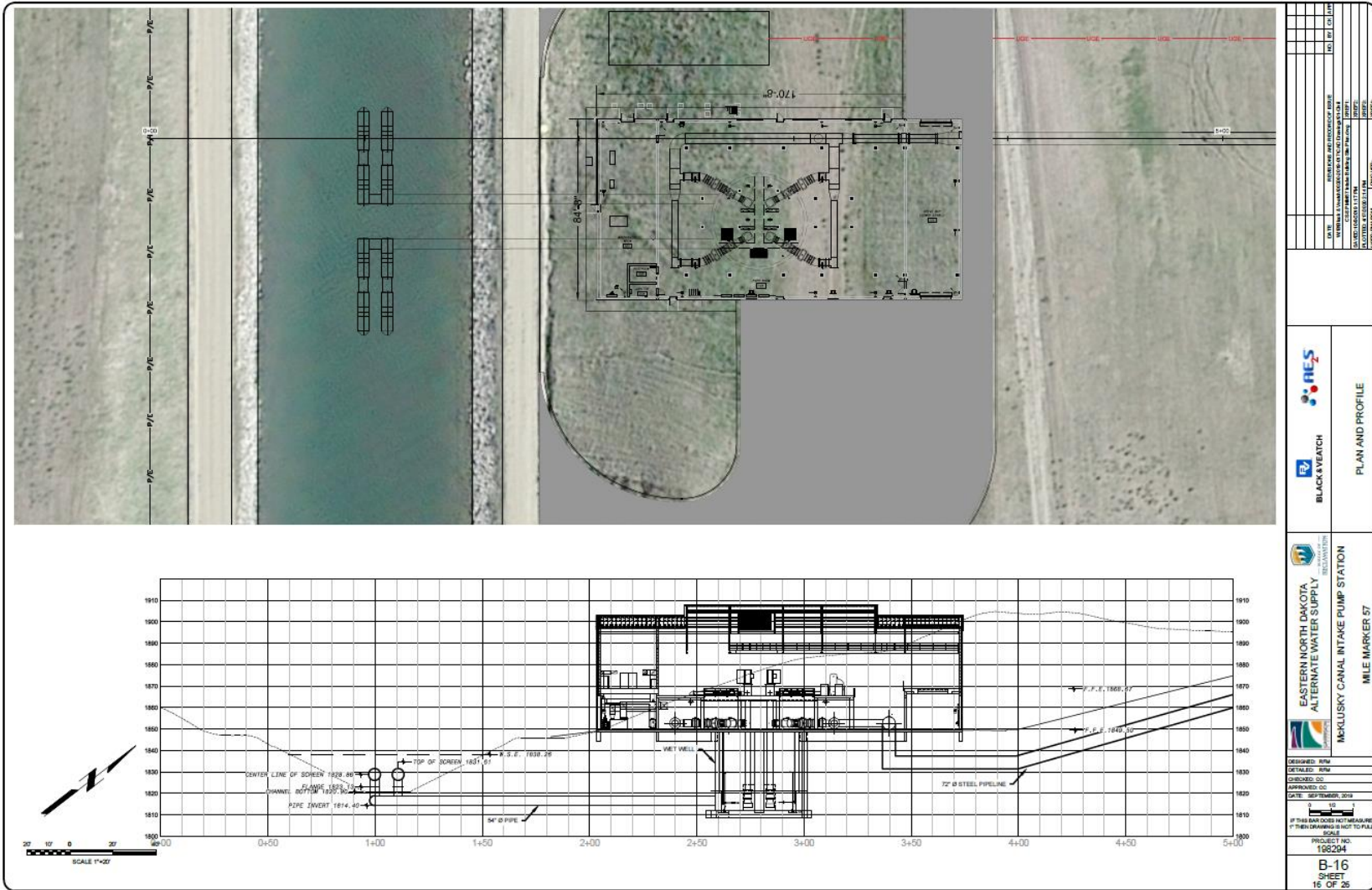


Figure 2 – McClusky Canal Intake and Pumping Station Conceptual Layout

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional design services associated with development of CDs for construction of a conventional intake wetwell adjacent to the McClusky Canal and associated site improvements and access road(s).
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. Capital Cost Opinions. All opinions of probable construction cost developed will generally follow the recommendations of the Association for the Advancement of Cost Engineering (AACE) International Recommended Practice No. 18R with regard to methodology and accuracy. The cost opinions' level of accuracy presented by Engineer for the various deliverables will be as noted in subsequent paragraphs of this Task Order under Basic 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 Project and Third-Party Meetings
- Task 3 – Final Site Selection and Landowner Communication Support
- Task 4 – Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey
- Task 5 – Preliminary Design and OPCC

1. Task 1 – Task Order Management and Administration

This task includes overall management and development of a Project Management Plan specific to the Work. The overall objective of this task is to keep the Task Order on schedule and on budget.

- A. Project 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. Owner coordination will occur through regular project meetings as described in Task 5A.

- B. Administration. 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 the Owner.
- C. Management of Subconsultants. Engineer will monitor subcontractor progress, review and approve invoices, oversee adherence to the approved quality assurance/quality control (QA/QC) plan, monitor adherence to document preparation standards, and generally oversee Subconsultants' performance.

2. Task 2 – Special Project and Third-Party Meetings

The overall objective of this task is to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input. Engineer will prepare an agenda and provide meeting notes documenting discussions and action items. The following meetings are anticipated:

A. Special Project Meetings

- i. Task Order Initiation Meeting. Engineer will conduct a Task Order Initiation Meeting with the Owner and Subconsultants to review the overall approach to the Work, the schedule by which the work will be prosecuted, and other relevant coordination and management items necessary for a successful outcome. Another objective of this meeting will be to finalize the approach to right(s) of entry and to reach an agreement on an approach to obtaining the necessary right(s) of entry.

B. Third-Party Meetings

- i. Stakeholder Meetings. Engineer will attend and present Project information for one meeting with the Lake Agassiz Water Authority (LAWA) Technical Advisory Committee (TAC).
- ii. Design Coordination Meetings. Engineer will schedule and meet with the following agencies. Engineer will provide summary notes of meetings.
 - (a) Two meetings with the Reclamation in regard to final pump station location.
 - (b) Two meetings with the local electric utility regarding providing power service.
 - (c) Meetings with landowners, the Township and the County will be completed under Task Order 3210.

3. Task 3 – Final Site Selection, Site Reconnaissance and Landowner Communication Support

As shown in Figure 1, a general location on the McClusky Canal has been selected for the McClusky Canal Intake and Pump Station. This task includes a site walk with Garrison Diversion and Reclamation to review the final site location for the intake. The site walk will include an environmental professional to identify potential environmental (wetlands, critical habitat) cultural features or pollution liability features that may impact site acquisition. (Note that the

formal environmental and cultural analysis will be completed under a separate task). The site walk will also include identification of potential utilities. A final site selection technical memorandum will be developed on conjunction with Reclamation to supplement the existing EIS. It is presumed the Biota Water Treatment Plant site will be adjacent or nearby the intake so both sites will be reviewed during this trip.

4. Task 4 – Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey

As noted above, the actual land acquisition, geotechnical investigation, environmental/cultural reports and site survey will be completed under a separate task order. The purpose of Task Order 4 is to provide coordination between this task order and the task leader of the Biota Water Treatment Plant Task Order. The following products will be provided to this Task Order from work completed under the Biota Water Treatment Plant Task Order:

- All property acquisition support. The intent of this task order is to finalize the site location and the required parcel size. After a parcel is identified, all acquisition work will be done under the Biota Water Treatment Plant Task Order.
- A geotechnical data report with preliminary recommendations for the intake and pump station design. It is expected that additional geotechnical borings will be completed during the final design. At a minimum, it is expected that two soil borings will be completed in the McClusky Canal and one soil boring at the expected location of the pump station wet well.
- Environmental/Cultural Reports. Final environmental (wetlands, threatened/engaged species, raptor surveys, etc.) and cultural reports will be provided to this Task Order documenting any environmental or cultural site constraints.
- Also, a Phase I Environmental Site Assessment Report will be provided to this Task Order. It is assumed there are no pollution liabilities that will need to be addressed on the site.
- Existing topography is available from previous LIDAR surveys. Additional state LIDAR data is available if needed. A CAD file with a site survey with 1-foot contours will be provided for this site.

5. Task 5 – Preliminary Design Phase

The purpose of Preliminary Design is to complete permitting, a refinement of system hydraulics, utility coordination, a geotechnical investigation, and modeling such that the spatial location and size of the intake, pumping station, and necessary utilities are fully defined. Note that the hydraulic efforts described in this task order are related to the sizing of the pump station. The overall hydraulics of the system are being completed under Task Order 5340.

- A. Design Team Conference Calls. Engineer will schedule and lead conference calls with the Owner and its team. Calls will be scheduled, and content organized to coincide with other Task Orders for efficient utilization of staff time.

- i. Owner Conference Calls (up to 40 calls assuming a 20-month preliminary design phase duration). Engineer will conduct bi-weekly conference calls with the Owner to review overall progress, exchange ideas and information, and coordinate activities.
 - ii. Task Order Coordination Calls (up to 20 calls). Engineer will plan and take part in monthly coordination conference calls with tasks leaders of other Task Orders to share progress and conclusions such that efforts are well coordinated and not duplicated or unnecessary.
- B. Permitting. It is assumed that no permits will be required as this is a preliminary design task order. Any re-zoning that is required will be completed under the Biota Water Treatment Plant Task Order. It is expected that landowner permissions will be required the geotechnical borings and for site access.
- C. Hydraulic Modeling Refinement and Wetwell Configuration
 - i. Engineer will update the intake system hydraulic design developed under previous phases of the Project based on field investigations and more detailed analysis completed during this Preliminary Design. In addition, Engineer will determine requirements, formulate options, and provide a recommended preliminary design for the intake and pumping station wetwell.
 - ii. Engineer will determine the configuration of the McClusky Canal Intake wetwell. It is expected that the wetwell will follow the design developed for the Missouri River Intake wetwell. Assuming the two wetwells are very similar, no physical modeling is planned for the wetwell. A Technical Memorandum will be completed describing the design basis for the wetwell.
- D. Basis of Design Memorandum
 - i. Draft Basis of Design Memorandum (BDM). A draft BDM will be prepared for the design of the McClusky Canal Intake and Pump Station. Engineer will review the Draft BDM for accuracy and completeness prior to submitting to the Owner for review and comment. The BDM will build upon the work of the previously prepared Preliminary Design Report and ENDAWS EIS. An initial outline of the BDM is included in Attachment A.
 - ii. Review and Finalize BDM. Engineer will confer with Owner's staff to review the Draft BDM and obtain Owner's comments. Engineer will address Owner comments and develop a Final BDM. The Final BDM will be the document followed by the design team for the immediate wetwell design and in follow-up Task Orders for the intake system final design.
- E. Engineer will prepare Preliminary Deliverables. Preliminary drawing development will be completed in parallel with the draft BDM. A preliminary drawing list is included in Attachment A.

- i. Document Development. The content of preliminary deliverables in addition to the BDM is as follows:
 - General drawings
 - Access road drawings
 - Site layout drawings
 - Intake drawings
 - Pipeline drawings
 - Wetwell drawings
 - Pumping station drawings
 - Outline of technical specifications
 - Internal quality control review and refinement
 - QA/QC plan and log update
 - Task Order schedule update
 - ii. Preliminary Design Review. Attend a virtual meeting or conference call with the Owner to receive and discuss review comments. Document comments received in a log and distributed to stakeholders.
 - iii. Revise documents as necessary to reflect decisions taken at this level incorporating design modifications into subsequent deliverables.
- F. Preliminary Opinion of Probable Construction Cost (OPCC). Engineer will update the OPCC (aka Cost Opinion or Cost Estimate) at the preliminary design submittal after transmittal of the Level 1 deliverable. The cost opinion will be updated commensurate with an ACE Class 3 estimate. The expected accuracy will be -10 to -20 percent on the low end and the expected accuracy on the high end will be from +10 to +30 percent.

V. 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.

1. Task 1 – Project Management
 - A. Monthly invoices
 - B. Baseline Schedule
2. Task 2 – Special Project and Third-Party Meetings. Meeting agenda (included with MS Outlook meeting invitations) and minutes (electronic pdf files)
3. Task 3 - Final Site Selection, Site Reconnaissance and Landowner Communication Support
 - A. Final Site Selection Technical Memorandum.

4. Task 4 - Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey
 - A. Land Acquisition Site Plan
 - B. Geotechnical Investigation Data Report
 - C. Site Environmental and Cultural Report
 - D. Site Topographic Map
 - E. Phase I ESA

2. Task 5 – Preliminary Design
 - A. Meeting/conference call agendas and minutes (electronic pdf files)
 - B. Modeling update technical memorandum (electronic pdf file)
 - C. Basis of Design Memorandum (draft and final electronic pdf files)
 - D. Preliminary Drawings (single hard copy and electronic pdf files, draft and final)
 - E. Preliminary Design Owner review comments log (electronic pdf file)
 - F. Preliminary cost opinion (electronic pdf file)

3. Special Services
 - A. None.

VI. 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, an amendment to this Task Order, or execution of a separate Task Order with the new scope, will be necessary.

1. The scope assumes any fees required as part of permits will be paid by the Owner.

VII. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. Owner commits to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer. A review meeting will be scheduled and conducted by Engineer no more than 14 calendar days after receipt of Owner review comments, unless a mutually agreed upon date outside this schedule window is selected.

2. Land Acquisition Costs. Fees paid to all property owners necessary to purchase property, easements, or ROEs are the responsibility of the Owner.

VIII. FEE

The total fee for Basic Services provided under this Task Order is \$751,031.

A worksheet showing the fee estimate and level of effort by task is included in Attachment B.

IX. PERFORMANCE SCHEDULE

Services of this Task Order will be completed by October 2025.

X. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

1. Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 is incorporated by reference.
2. Attachment A – Proposed Outline for the Basis of Design Report and Preliminary Drawing List
3. Attachment B – Engineering Fee Worksheets

XI. ACCEPTANCE

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

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

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

Dated: _____

Dated: _____

ATTACHMENT A
PROPOSED OUTLINE FOR THE BASIS OF DESIGN REPORT
AND
PRELIMINARY DRAWING LIST

DRAFT

Proposed Outline for Basis of Design Report

ENDAWS Task Order 2250 – McClusky Canal Intake and Pumping Station

Preliminary Design

Garrison Diversion Conservancy District

1. General
 - a. Project (or Task Order) Description
 - b. Background
 - c. Project Scope
 - d. Schedule
 - e. Site Description
 - i. Location
 - ii. Datum
 - iii. Flood Protection
 - f. Documents
 - i. Preliminary Drawing List
 - ii. Preliminary Specification List
 - iii. Supporting Reports and Documentation
 - iv. Drafting Standards
 - v. Report Organization
 - g. Applicable Codes and Standards
2. Facility Requirements
 - a. General (Scope)
 - b. Site Selection
 - c. Land Acquisition
 - d. Permitting and Approvals
 - i. Federal Permitting Requirements
 - ii. State Permitting Requirements
 - iii. Local Regulations
 - e. Utility Investigations
 - f. Field Investigations
 - i. Geotechnical
 - ii. Phase I Environmental Site Assessment
 - iii. Environmental/Cultural
3. Sitework
 - a. General
 - b. Applicable Codes and Standards
 - c. McClusky Canal
 - i. General
 - ii. Floodplain Elevations
 - d. Design Criteria
 - i. Roadway and Parking Surfaces
 - ii. Preliminary Site Plan
 - iii. Site Drainage and Stormwater Management

- iv. Site Piping
- 4. Geotechnical Design Criteria
 - a. General
 - b. Preliminary Geotechnical Data
 - i. Regional Geology
 - ii. Site Geology
 - iii. Hydrogeology
 - iv. Seismicity
 - v. Topography
 - c. Design Procedures and Assumptions
 - i. Soil Conditions
 - ii. Bedrock Conditions
 - d. Geotechnical Investigation
 - e. References
- 5. Shaft and Tunnel Design Criteria
 - a. General
 - b. Applicable Codes and Standards
 - c. Design Assumptions
 - i. Project Layout
 - ii. Construction Methods and Construction Sequencing
 - d. Design Criteria
 - i. Shaft Excavation and Support Methodology
 - ii. Tunnel Excavation and Support Methodology
 - e. Jacking Pipe for Microtunneling
 - i. Steel Pipe
 - ii. Reinforced Concrete Pipe (RCP)
 - iii. Fiberglass Reinforced Polymer Mortar Pipe (FRP)
 - iv. Grouting
 - f. Construction Considerations
 - i. Construction Sequencing
 - g. Risk Evaluation
- 6. Intake Design Criteria
 - a. General
 - b. Design Criteria
 - i. Intake
 - ii. Intake Screens
 - iii. Maintenance
 - c. Intake Screen Structure
 - d. Construction Considerations
- 7. Process Mechanical Design Criteria
 - a. Background
 - b. Design Basis
 - i. Low Flow Pumping Analysis
 - ii. High Flow Pumping Analysis
 - iii. Air Compressors
 - iv. Transient Analysis

- v. Transient Analysis
 - vi. Pipe Sizing
 - vii. Pump Selection
8. Facility Descriptions
- a. Wet Well
 - b. Lower Level
 - i. Drive Bay
 - ii. Mechanical Room
 - iii. Restroom and Janitor Closet
 - iv. High Flow Pumping Discharge
 - c. Operating Level
 - i. Low Flow Pumping Discharge
 - ii. Ari Compressors Receivers
 - iii. Traveling Bridge Crane
 - d. Upper Level of Drive Bay and Electrical and I&C Room
 - i. Drive Bay
 - ii. Electrical Room
9. Architectural Design Criteria
- a. General
 - b. Applicable codes and standards
 - i. Building Codes
 - c. Design Criteria
 - i. Building Code Analysis
 - ii. Architectural Program
 - iii. Building Energy Code Analysis
 - iv. Methods of Construction
10. Structural Design Criteria
- a. General
 - b. Applicable Codes and Standards
 - c. Specified Material Parameters
 - i. Concrete
 - ii. Concrete and Masonry Reinforcement
 - iii. Masonry
 - iv. Structural Steel
 - v. Aluminum
 - vi. Fiberglass Reinforced Grating and Structural Shapes
 - vii. Structural Coatings
 - d. Loading Criteria
 - i. Dead Loads
 - ii. Live Loads (Floor and Roof)
 - iii. Snow Loads
 - iv. Wind Loads
 - v. Seismic Loads
 - vi. Soil, Backfill, and Groundwater
 - vii. Equipment and Piping Loads
 - viii. Impact Loads

- ix. Bridge Crane and Monorail Loads
- x. Load Combinations
- e. Design Procedures and Assumptions
 - i. Reinforced Concrete Design
 - ii. Reinforced Masonry Design
 - iii. Structural Steel Design
 - iv. Aluminum Design
 - v. Geotechnical Design
 - vi. Flotation
 - vii. Impact and Vibration Design
 - viii. Bridge Crane and Monorail Runway Beam Design
 - ix. Non-Structural Component Design
 - x. Guardrail, Handrail, Ladder, and Stair Designs
 - xi. Environmental and Liquid Containing Structures
 - xii. Building Structure Design
 - xiii. Structural Analysis
- f. Special Inspections
- 11. Building Mechanical Design Criteria
 - a. General
 - b. Applicable Codes and Standards
 - c. Location & Meteorological Design Criteria
 - d. Materials
 - e. Seismic
 - f. Building Design Requirements
 - g. Plumbing design
 - i. Storm Drainage Systems
 - ii. Sanitary Drainage Systems
 - iii. Water Piping Systems
 - iv. Plumbing Fixtures
 - h. Heating, Ventilation, and Air Conditioning
 - i. Indoor Design Conditions
 - ii. HVAC General Requirements
 - iii. Heating Systems
 - iv. Ventilation Systems
- 12. Electrical Design Criteria
 - a. General
 - b. Codes and Standards
 - c. Power Distribution
 - i. Electrical Distribution System
 - ii. Distribution and Utilization Voltages
 - iii. Standby Power
 - d. Electrical equipment design criteria
 - i. Switchboards
 - ii. Motor Control Starters
 - iii. Motors and Adjustable Frequency Drives
 - iv. Power Transformers

- v. Panelboards
 - vi. Receptacles
 - vii. Raceways and Cable
 - viii. Grounding and Lightning Protection
 - e. Lighting Requirements
 - f. Fire Alarm System
 - g. Telephone and Communication
 - h. Security System
 - i. Calculations and analysis requirements
 - i. Load Analysis
 - ii. Short Circuit Analysis and Coordination Study
 - iii. Arc Flash Analysis
13. Instrumentation Design Criteria
- a. General
 - b. Applicable Codes and Standards
 - c. P&ID Drawings
 - d. Instrumentation and Control Devices
 - e. Equipment Controls
 - f. Project Equipment and Instrumentation Control Concepts
 - g. Instrumentation and Control Design Requirements
 - h. Instrumentation and I/O Signal Standards
 - i. Pump Station Process Control System
 - j. Control Modes and Control Philosophy
 - k. Security and Resiliency
14. Opinion of Probable Cost

Proposed Drawing List

ENDAWS Task Order 2250 – McClusky Canal Intake and Pumping Station Preliminary Design

Garrison Diversion Conservancy District

DISCIPLINE	TITLE
GENERAL	COVER SHEET
GENERAL	INDEX OF DRAWINGS
GENERAL	ABBREVIATIONS & LEGENDS
GENERAL	PROCESS FLOW DIAGRAM
GENERAL	HYDRAULIC PROFILE
CIVIL	OVERALL SITE PLAN
CIVIL	DEMOLITION
CIVIL	GRADING AND PAVING PLAN
CIVIL	YARD PIPING PLAN
CIVIL	ROADWAY - PLANS, SECTIONS
ELECTRICAL	OVERALL SITE PLAN
CIVIL	OVERALL SITE PLAN AND PROFILE
CIVIL	PLAN AND PROFILE
CIVIL	PLAN AND PROFILE
CIVIL	SECTIONS AND TUNNEL DETAILS
ARCHITECTURAL	LOWER LEVEL FLOOR PLAN
ARCHITECTURAL	OPERATING FLOOR PLAN
ARCHITECTURAL	ROOF PLAN
ARCHITECTURAL	BUILDING ELEVATIONS
ARCHITECTURAL	BUILDING ELEVATIONS
ARCHITECTURAL	PERSPECTIVES
STRUCTURAL	INTAKE CRIB FOUNDATION / LOWER LEVEL PLAN
STRUCTURAL	RIVER BED LEVEL - PLAN
STRUCTURAL	DEFLECTOR FRAMING - PLAN
STRUCTURAL	INTAKE SECTION
STRUCTURAL	WET WELL / FOUNDATION PLAN
STRUCTURAL	LOWER LEVEL FRAMING PLAN
STRUCTURAL	OPERATING FLOOR FRAMING PLAN
STRUCTURAL	ROOF FRAMING PLAN
STRUCTURAL	BUILDING SECTIONS
PROCESS MECHANICAL	INTAKE PLAN
PROCESS MECHANICAL	WET WELL PLAN AND SECTION
PROCESS MECHANICAL	PS LOWER LEVEL PLAN
PROCESS MECHANICAL	PS OPERATING FLOOR PLAN
PROCESS MECHANICAL	PS SECTIONS
HVAC	LOWER LEVEL HVAC PLAN
HVAC	OPERATING FLOOR HVAC PLAN
PLUMBING	LOWER LEVEL PLUMBING PLAN
PLUMBING	OPERATING FLOOR PLUMBING PLAN

ELECTRICAL	POWER DISTRIBUTION FUNCTIONAL DIAGRAM
ELECTRICAL	MEDIUM VOLTAGE - ONE LINE DIAGRAMS
INSTRUMENTATION	CONTROL SYSTEM BLOCK DIAGRAM
INSTRUMENTATION	P&ID - INTAKE
INSTRUMENTATION	P&ID - WETWELL AND DISCHARGE
INSTRUMENTATION	LEGENDS & ABBREVIATIONS

DRAFT

ATTACHMENT B
ENGINEERING FEE WORKSHEETS

DRAFT

DRAFT

Price/Fee Summary							
Task	Description	Hours	Labor	Travel Expenses	Field/Misc Expenses	Subcontracts	Total Price/Fee
TOTALS:		3071.00	\$714,314.92	\$9,385.00	\$27,331.90	\$0.00	\$751,031.82
Task 1 Task 1 Project Management							
1/01	Project Management	220	\$64,074.72	\$3,940.00	\$1,958.00		\$69,972.72
1/02	Administration	120	\$20,176.20		\$1,068.00		\$21,244.20
1/03	Management of Subconsultants	8	\$2,103.22		\$71.20		\$2,174.42
Task 1 Subtotals		348	\$86,354.14	\$3,940.00	\$3,097.20		\$93,391.34
Task 2 Task 2 Special Project and Third-Party Meetings							
2/01	Special Project Meetings	48	\$12,480.71	\$1,970.00	\$427.20		\$14,877.91
2/02	Third-Party Meetings	60	\$16,328.46		\$534.00		\$16,862.46
2/03	Reclamation Meetings						
Task 2 Subtotals		108	\$28,809.17	\$1,970.00	\$961.20		\$31,740.37
Task 3 Task 3 Site Selection, Recon and Landowner Communic							
3/01	Final Site Selection	36	\$9,806.86	\$3,475.00	\$320.40		\$13,602.26
3/02	Right of Entry Agreements	5	\$1,343.04		\$44.50		\$1,387.54
3/03	Landowner Contacts	5	\$1,343.04		\$44.50		\$1,387.54
3/04	Title Research	5	\$1,343.04		\$44.50		\$1,387.54
3/05	Land Appraisal	5	\$1,343.04		\$44.50		\$1,387.54
3/06	Survey and Platting	5	\$1,343.04		\$44.50		\$1,387.54
Task 3 Subtotals		61	\$16,522.07	\$3,475.00	\$542.90		\$20,539.97
Task 4 Task 4 Land Acquisition and Field Services							
4/01	Survey	5	\$1,343.04		\$44.50		\$1,387.54
4/02	Phase I Environmental Site Assessment	5	\$1,343.04		\$44.50		\$1,387.54
4/03	Wetland Delineation	5	\$1,343.04		\$44.50		\$1,387.54
4/04	Cultural Resources Inventory	5	\$1,343.04		\$44.50		\$1,387.54
4/05	Preliminary Geotechnical Field Investigation	21	\$5,101.11		\$186.90		\$5,288.01
4/06	Subsurface Utility Engineering	5	\$1,343.04		\$44.50		\$1,387.54
Task 4 Subtotals		46	\$11,816.32		\$409.40		\$12,225.72
Task 5 Task 5 Preliminary Design							
5/01	Design Team Conference Calls	354	\$89,566.02		\$3,150.60		\$92,716.62
5/02	Permitting	124	\$29,510.24		\$1,103.60		\$30,613.84
5/03	Hydraulic Model Refinement, Wetwell Configuration, P	252	\$54,671.39		\$2,242.80		\$56,914.19
5/04	Basis of Design Memorandum - Schematic Phase	196	\$43,668.23		\$1,744.40		\$45,412.63
5/05	Basis of Design Memorandum - Spatial Phase	248	\$56,981.46		\$2,207.20		\$59,188.66
5/06	Prepare Basis of Design Memorandum	1220	\$267,148.17		\$10,858.00		\$278,006.17
5/07	OPCC (AACE Class 3)	114	\$29,267.72		\$1,014.60		\$30,282.32
Task 5 Subtotals		2508	\$570,813.23		\$22,321.20		\$593,134.43
Task 6 Task 6							
Task 6 Subtotals							



**ENDAWS Task Order 3210 – Eastern North Dakota Alternate Water Supply
 Preliminary Design Services**

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Consideration and approval of a preliminary design task order in the amount of \$2,872,752 for preliminary design associated with the Biota Water Treatment Plant and McClusky Main Pumping Station as part of the Eastern North Dakota Alternate Water Supply (ENDAWS) project. The Task Order (TO) advances the appraisal-level design completed under the Bureau of Reclamation’s ENDAWS Environmental Impact Statement and Record of Decision. Services will begin in February 2024 and finish by October 2025. These professional services are provided on an hourly basis; the fee is an estimate based on the scope and nature of the work and the 20-month schedule.

TASK ORDER SUMMARY

The services to be provided by the engineering team are fully described in the attached Task Order. The following summarizes each of the major tasks.

Basic Services: The estimated hourly fee and expenses for standard and customary preliminary design, surveying, and environmental services are as follows for a future construction project with an estimated cost of \$142 million:

	Fee	% of Const
1) Task Order Management and Administration	\$172,472	0.12%
2) Special Project and Third-Party Meetings	\$111,005	0.08%
3) Land Acquisition Services	\$177,122	0.12%
4) Field Services	\$394,775	0.28%
5) Preliminary Design Services and OPCC	\$1,852,104	1.30%
6) NDPDES Permitting Support	\$165,274	0.12%
Totals	\$2,872,752	2.02%

Special Services: There are no unique or specialized services required under this task order.

PROJECT OVERVIEW

A map showing the location of the project is included in the background information of the attached Task Order. This project will be located adjacent to the McClusky Canal Intake Pumping Station site near McClusky, North Dakota. Elements of this preliminary design Task Order are:

- Development of a Project Management Plan specific to the Work to keep the Task Order on schedule and on budget,
- Leading Special Project and Third-Party meetings to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input,
- Provide land acquisition services for up to four parcels of property to acquire the sites for the McClusky Canal Intake Pumping Station (TO 2250), the Biota Water Treatment Plant and McClusky Main Pumping Station, as well as the Hydraulic Break Tanks (TO 4250),
- Additional Field Services to utilize and build upon the initial field reconnaissance, topographic mapping and field surveying work completed under previous task orders, as well as wetland delineation, to identify various constraints that may impact either the purchase price or the use of the land associated with the four facilities,
- Preliminary Design to provide:
 - Preliminary site layout, access plan, and Utility Extension Plan,
 - Preliminary building layout, process mechanical layout and P&IDs for the facilities,

**ENDAWS Task Order 3210 – Eastern North Dakota Alternate Water Supply
Preliminary Design Services**

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

- Hydraulic Analysis and Process Engineering including basis of design level treatment requirements, water quality sampling and analysis, bench-scale testing, Process Design technical memorandum,
- Development of an ENDAWS preliminary design report, associated preliminary design drawings, and preliminary Opinion of Probable Construction Cost as the key deliverables, and
- North Dakota Pollutant Discharge Elimination System (NDPDES) Permitting Services



Black & Veatch Corporation

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

**ENDAWS Task Order 3210 – Biota Water Treatment Plant and McClusky Main Pumping Station
Preliminary Design**

Effective Date – February 1, 2024

Content of this Task Order is as follows:

- I. PROJECT BACKGROUND..... 1
- II. TASK ORDER OBJECTIVES..... 2
- III. GENERAL REQUIREMENTS 7
- IV. BASIC SERVICES..... 7
- V. DELIVERABLES (not updated)..... 16
- VI. ADDITIONAL SERVICES..... 17
- VII. SPECIAL RESPONSIBILITIES OF OWNER..... 17
- VIII. FEE..... 17
- IX. PERFORMANCE SCHEDULE 17
- X. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS 17
- XI. ACCEPTANCE..... 18

I. PROJECT BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Project) will provide a supplemental water supply to eastern and central North Dakota (ND) in the event of drought conditions in the Red River watershed. The Project as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, the Owner) will also supply additional water to support industrial development as well as provide an environmental benefit to local rivers during drought conditions by augmenting natural stream flows. The source water will be withdrawn from the Missouri River or the McClusky Canal and conveyed to a new water plant. A multi-county pipeline will then convey flows from the plant to the Sheyenne River. Lake Ashtabula located downstream will provide storage for controlled releases to the Red River Valley. The current focus of the project is to construct the intake at the McClusky Canal and the completion of the pipeline from the McClusky Canal to the Sheyenne River.
2. Professional services for design of the Project will be accomplished through the execution of multiple task orders for design and associated activities as well as for engineering services during construction.

3. The U.S. Department of the Interior, Bureau of Reclamation (Reclamation) completed the Eastern North Dakota Alternate Water Supply EIS which resulted in the Record of Decision being signed for the ENDAWS portion of this project. As such, Reclamation is a stakeholder for this project and coordination with them is presumed throughout the effort.

II. TASK ORDER OBJECTIVES

1. The objective for this task order is to complete a preliminary design for the Biota Water Treatment Plant (BWTP) and the McClusky Main Pumping Station (McMPS). The BWTP generally consists of sediment/sand removal, ultraviolet (UV) disinfection and chlorine disinfection. **Figure 1** shows the approximate location and layout of the Biota Water Treatment Plant. A final site has not been selected but it is assumed that the BWTP will be very close to the McClusky Canal Intake Pumping Station. **Figure 2** was prepared as part of the EIS and shows a conceptual BWTP layout drawing of the UV portion of the BWTP. The McMPS will be very similar to the Missouri River Main Pumping Station. **Figure 3** shows a conceptual layout of the Missouri River Main Pumping Station for reference of size. It is expected that the McClusky Canal Intake Pumping Station, the BWTP and McMPS will all be in close proximity to each other as described below.
2. The primary treatment goal for the BWTP is to limit the likelihood that Aquatic Invasive Species (AIS) would be transferred from the Missouri River watershed to the Hudson Bay watershed. The current conceptual design of the BWTP evolved under three phases.
 - A. A Preliminary Design Report (PDR) was submitted in April 2018 for the RRVWSP. This effort focused on a BWTP location near Washburn, ND as part of the original RRVWSP alignment. The PDR presented an analysis with how Missouri River sediment/sand would be removed and the approximate chlorine disinfection system to remove AIS.
 - B. Following that, a more detailed treatment analysis was completed as part of obtaining a North Dakota Pollution Discharge Elimination System (NDPDES) Permit. The permit still assumed a BWTP location near Washburn, ND. Various drafts of permit applications were developed in 2018-2019 and the final application was submitted on August 19, 2019. The permit application presented significant more detail than the Preliminary Design Report on the likely types of AIS, the C-T times required to eliminate the AIS, how the C-T times would be addressed through a combination of disinfection in chlorine contact tanks and the pipeline, how the effectiveness of disinfection would be monitored, and contingency measures regarding disposal of water that did not meet required disinfection criteria. The NDPDES permit is still in effect.
 - C. The third water treatment analysis was the Biota Water Treatment Plant Appraisal-Level Design Engineering Report (April 15, 2020) done under the guidance of Reclamation as part of the ENDAWS phase of the project, which switched the BWTP to near the McClusky Canal Intake. The conclusion of this report expanded the proposed BWTP treatment processes to include UV as a second disinfection process. The Report assessed background water quality

conditions from the McClusky Canal, evaluated types of chlorine disinfection and required C-T times and evaluated the sizing of an UV system.

It is expected that the preliminary design will be based on the BWTP designed developed in the EIS. However, the preliminary design will draw on elements developed during the PDR and the NPDES permit application. Also, as part of the preliminary design, a revised NDPDES permit will be sought from the State that incorporates the revised BWTP locations and added UV disinfection process.

3. The objective of the McMPS will be to pump the treated water from the BWTP to the break tanks. The McMPS was conceptually estimated to be a 20,000 HP pumping station and is expected to contain surge control features similar to the Missouri River Main Pumping Station. While the EIS shows the McMPS as a standalone facility, a design goal is to integrate the pumping station into the overall site plan of the Biota Water Treatment Plant.
4. As noted above, the McClusky Canal Intake Pumping Station, the BWTP and the McMPS will be in close proximity to each other. The task order will include an evaluation of how to best serve the entire complex with power. Features such as site access, fire protection, and potable water will be shared across the site. It is further expected that the BWTP will be the central operations center for the entire project, including both pump stations.
5. Specific activities for this Task Order are to:
 - A. Finalize a site location for the BWTP and McMPS.
 - B. Support Garrison Diversion with the required survey and land acquisition of the property for the two facilities.
 - C. Complete a preliminary geotechnical investigation to support the preliminary design.
 - D. Complete environmental, cultural, threatened and endangered species, and raptor surveys of the property.
 - E. Develop topographic site plans from currently available LIDAR information.
 - F. Develop a plan for bringing required utilities to the selected property locations.
 - G. Develop a Basis of Design Report including preliminary drawings. A proposed outline for the Basis of Design Report and a preliminary drawing list is included in **Attachment A**.
 - H. Provide an updated Opinion of Probable Construction Cost (OPCC).
6. This Task Order includes supporting Task Order 2250, McClusky Canal Intake Pump Station and Task Order 4250, Hydraulic Break Tanks by providing the required geotechnical information, environmental and cultural assessments, and property acquisition support for those facilities.

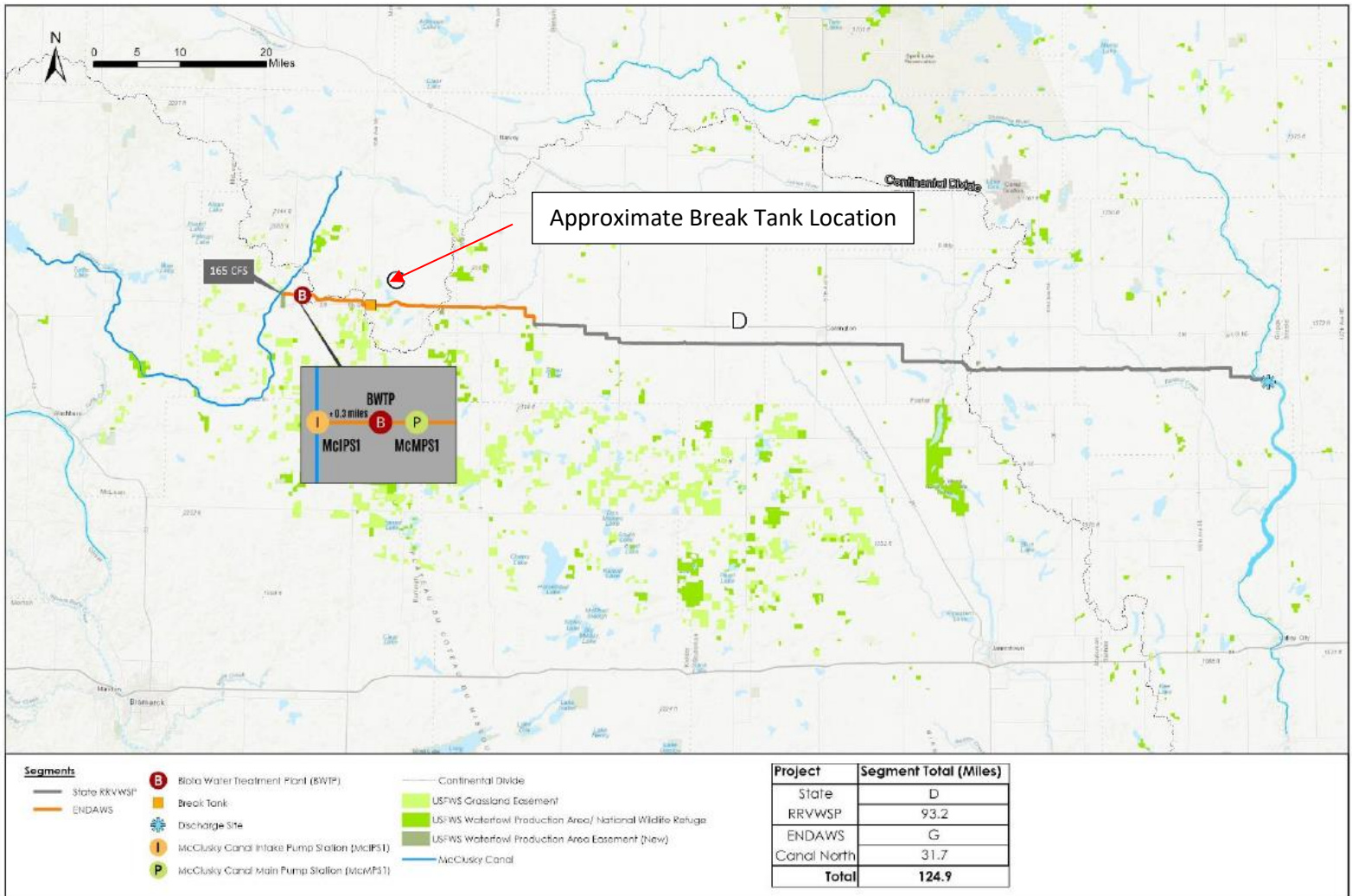


Figure1 - Biota Water Treatment Plan Location

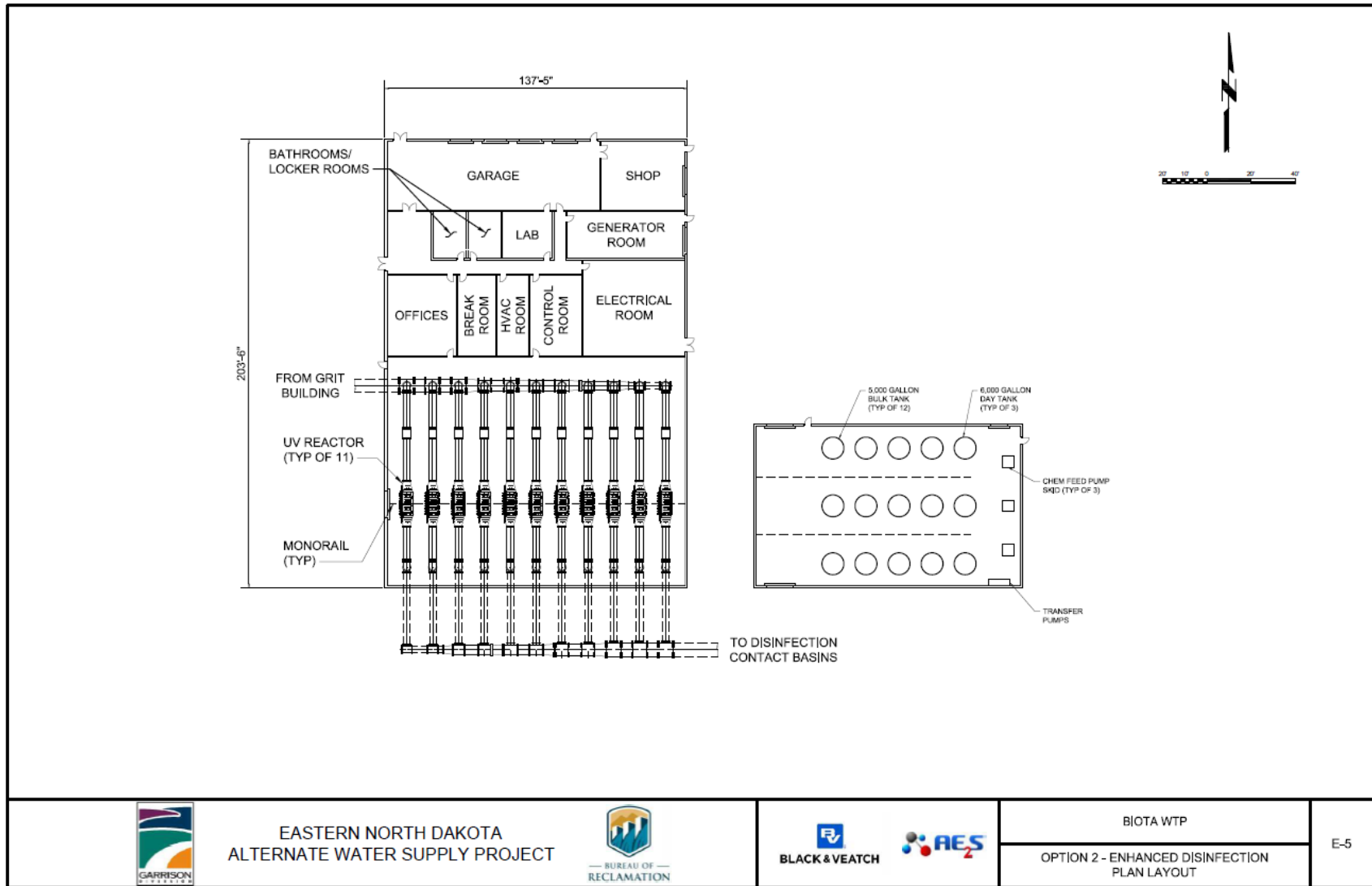


Figure 2 – Biota Water Treatment Plant Conceptual Design (UV portion)

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional design services associated with development of preliminary design for construction of a Biota Water Treatment Plant and McClusky Main Pumping Station and associated site improvements and access road(s).
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. Capital Cost Opinions. All opinions of probable construction cost developed will generally follow the recommendations of the Association for the Advancement of Cost Engineering (AACE) International Recommended Practice No. 18R with regard to methodology and accuracy. The cost opinions' level of accuracy presented by Engineer for the various deliverables will be as noted in subsequent paragraphs of this Task Order under Basic 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 Project and Third-Party Meetings
- Task 3 – Land Acquisition Services
- Task 4 – Field Services
- Task 5 – Preliminary Design Services and OPCC
- Task 6 – North Dakota Pollutant Discharge Elimination System (NDPDES) Permitting Services

1. Task 1 – Task Order Management and Administration

This task includes overall management and development of a Project Management Plan specific to the Work. The overall objective of this task is to keep the Task Order on schedule and on budget.

- A. Project 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. Owner coordination will occur through regular project meetings as described in Task 5A.

- B. Administration. 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 the Owner.
- C. Management of Subconsultants. Engineer will monitor subcontractor progress, review and approve invoices, oversee adherence to the approved quality assurance/quality control (QA/QC) plan, monitor adherence to document preparation standards, and generally oversee Subconsultants' performance.

2. Task 2 – Special Project and Third-Party Meetings

The overall objective of this task is to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input. Engineer will prepare an agenda and provide meeting notes documenting discussions and action items. The following meetings are anticipated:

- A. Special Project Meetings
 - i. Task Order Initiation Meeting. Engineer will conduct a Task Order Initiation Meeting with the Owner and Subconsultants to review the overall approach to the Work, the schedule by which the work will be prosecuted, and other relevant coordination and management items necessary for a successful outcome. Another objective of this meeting will be to finalize the approach to right(s) of entry and to reach an agreement on an approach to obtaining the necessary right(s) of entry. It is assumed Reclamation will participate in this meeting.
- B. Third-Party Meetings
 - i. Stakeholder Meetings. Engineer will attend and present Project information for one meeting with the Lake Agassiz Water Authority (LAWA) Technical Advisory Committee (TAC).
 - ii. Design Coordination Meetings. Engineer will schedule and meet with the following agencies. Engineer will provide summary notes of meetings.
 - (a) Two meetings with Reclamation in regard to the BWTP.
 - (b) Two meetings with the local electric utility regarding providing power service.
 - (c) Three meetings with the State to review for and plan the revised NDPDES permit application
 - (d) Six meetings to support Garrison Diversion in its landowner negotiations.
- C. Bureau of Reclamation Meetings

Reclamation will be engaged throughout the design process and meetings are assumed for every other month (ten meetings total) to coordinate the progress of the BTWP design.

3. Task 3 – Land Acquisition Services

The purpose of the Land Services task is to provide Garrison Diversion with the support it needs to acquire the sites for the McClusky Canal Intake Pumping Station, BWTP, the McMPS and the Hydraulic Break Tanks. Engineer will provide land acquisition services for up to four parcels of property. Land acquisition for the hydraulic break tanks was already included in Task Order 7410. The scope and fee will be transferred to this task order so all land acquisition can be completed under one task order.

- A. Final Site Selection. As shown in Figure 1, a general area for the BWTP has been selected. Specific parcels have not been identified. This task includes a review of likely parcels and a site walk with Garrison Diversion and Reclamation to review the possible site locations for the BWTP. The site walk will include an environmental professional to identify potential environmental conditions (wetlands, critical habitat) cultural features or pollution liability features that may impact site acquisition. The site walk will also include identification of potential utilities. A final site selection technical memorandum will be developed on conjunction with Reclamation to supplement the existing EIS.
- B. Right of Entry Agreements. Engineer will obtain right of entry (ROE) agreement(s) from the property owner(s). These ROEs are necessary to complete supplemental topographic surveys and to complete geotechnical borings during Preliminary Design.
- C. Landowner Contacts. Engineer will support GDCD in making the initial landowner contacts to initiate discussions on purchase of the property. Initial contacts will be followed up with up to three landowner meetings for each parcel to finalize the purchase.
- D. Title Research. Title work will be completed by a title company and or the Engineer's right-of-way agents.
- E. Land Appraisal. Engineer will assist GDCD in the selection of an independent third-party land appraiser to obtain estimates on the purchase value of potential sites.
- F. Survey and Platting. Survey support for each site will require the following subtasks:
 - i. Research
 - ii. Preparation of a preliminary plat
 - iii. Preparation of a plat application
 - iv. Boundary survey
 - v. Agency coordination
 - vi. Jurisdictional review meetings
 - vii. Preparation of the final plat
 - viii. Placement of corner monuments
 - ix. Providing the final plat to Garrison Diversion to file in respective County Recorder's Office in compliance with North Dakota Century Code
- G. Additional negotiations or services above those stated are Additional Services.

4. Task 4 – Field Services

Appraisal-level engineering tasks completed under ENDAWS, conceptual-level engineering services provided under Task Order 5360, and ENDAWS pipeline preliminary design under Task Order 5280 all included initial field services efforts. This Task Order builds upon the initial field reconnaissance work completed thereunder and utilizes the topographic mapping and field surveying work completed under the previous authorization. Follow-on field services, including wetland delineation, are included in this task.

The purpose of this task is to identify various constraints that may impact either the purchase price or the use of the land associated with the four facilities.

A. Survey

- i. Prepare an existing conditions topographic site plan for each of the four facilities. This site plan will be created utilizing the previously collected LiDAR topographic data and field collected PLSS section lines.
- ii. Identify areas on each of the four facility sites where additional field ground topographic data will need to be collected. Specifically obstructed areas, road crossing, culverts, and other features that are not included in the LiDAR dataset. For the purposes of this Task Order it is assumed that each facility will require one day of supplemental field survey data collection.
- iii. Bathymetric Survey of McClusky Canal. A Bathymetric survey of the Canal in the area of the intake will be completed to support the preliminary design.

B. Phase 1 Environmental Site Assessments (ESA)

- i. Engineer will perform work in accordance with ASTM E1527-21 and will issue a final report in accordance with ASTM guidance. It is understood by all parties that Phase I ESAs are not intended to be exhaustive. The scope of the Phase I ESA may require revisions based on field conditions and findings. Findings of the Phase I ESA cannot eliminate all uncertainty. Results of the site visit might vary depending on the weather conditions at the time of the site visit. Professional judgment and interpretation are inherent in the process and exercised in accordance with objective scientific principles; however, uncertainty is inevitable.
- ii. The purpose of the Phase I ESA is to evaluate the potential for on-site contamination from on- and off-site sources. The Phase I ESA will evaluate current and historical conditions at the subject property and surrounding areas that could present potential environmental concerns on the subject property, in accordance with guidelines described in ASTM E1527-21. Engineer will coordinate with a third-party contractor, Environmental Data Resources, Inc. (EDR), to obtain the premium EDR package, which includes reports and information necessary for compliance with ASTM Standard

E1527-21. Engineer will also perform a site visit to the properties to document potential sources or incidences of Recognized Environmental Conditions (RECs).

- iii. One site visit will be conducted on each of the four parcels. Engineer's Subconsultant will prepare four Phase I ESA reports. The Phase I ESA reports will include identified RECs and associated recommendations of a Phase II ESA (sampling of the area[s] of concern). The reports will conclude with findings regarding the potential for contamination. Electronic copies of the final report will be provided.
- C. Wetland Delineation. Complete field wetland delineations within the four facility sites.
- i. Data Collection. Provide National Wetland Inventory (NWI) Maps, aerial photography, soil survey data, and topographic maps for use during field surveys.
 - ii. Field Wetland Delineation. Field wetland delineation will be completed in accordance with the USACE 1987 Wetland Delineation Manual and the Great Plains Regional Supplement. A wetland delineation report will be submitted to the USACE with a request for a jurisdictional determination.
 - iii. USFWS Wetland Easements. Coordinate with the USFWS with regard to the locations of wetland basins that fall under USFWS easement. Accompany the USFWS into the field to map the boundaries based on the USFWS identification of the boundary. Data will be incorporated into a GIS database for avoidance purposes.
- D. Threatened and Endangered Species and Eagle Field Surveys. Perform threatened and endangered species field surveys within the four facility sites.
- i. Desktop Review. As a follow-up to the previously completed desktop study Memorandum "Threatened and Endangered Species, Critical Habitat and Eagle Concerns Memorandum", Engineer will evaluate slope, aspect, soils, topography, historical imagery, and known disturbance to further define the potential for suitable habitat for those areas identified as potential in the memorandum.
 - ii. Field Surveys. A field survey will be completed to identify threatened and endangered species presence and potential habitat within and near the proposed facility sites.
 - (a) Raptor Survey. In addition, raptor nests will be documented from a line of sight survey from within the facility sites. Should potential nests be identified, further analysis will be completed from public right of ways, if access permission is not granted from landowners, to evaluate nest activity and species occupying the nest.
 - (b) Dakota Skipper Survey. A habitat survey will be performed for the Dakota Skipper. Should a determination be made that the project may potentially impact the Dakota Skipper, a specialist will be required to determine species presence. This determination is not included in this Task Order.

- (c) Tree Survey. Trees greater than three-inch diameter at breast height within the four facility sites, which are suitable for northern long eared bat nesting and roosting, will be counted and recorded for consideration of impacts during construction.
- iii. Prepare a Threatened and Endangered Species and Eagle Nest Report documenting findings of the field surveys for each of the four facility sites. A determination of potential impacts to the species will be included in the report as well as any further coordination recommendations with the US Fish and Wildlife Service and/or documentation of avoidance/minimization measures for construction.
- E. Cultural Resources Inventory. Perform a cultural resource inventory to Class III standards within the Area of Potential Effect (APE) for each of the four facility sites. The inventory will be conducted utilizing a series of pedestrian transects spaced not more than 50 feet apart. This scope assumes the identification/revisiting of up to 10 cultural resources. Coordination with Tribal Historical Preservations Office (THPO) is not anticipated to be an aspect of the Cultural Resource Inventory. All cultural resources encountered will be recorded and site forms submitted to the ND State Historic Preservation Office (SHPO) for assignment of a Smithsonian Institution Trinomial System (SITS) number. Data collected during these field surveys will be incorporated into a final report and submitted to the BOR for coordination with SHPO.
- F. Preliminary Geotechnical Field Investigation. The objective of this task is to provide preliminary geotechnical information to support for each of the four selected sites to support preliminary design. Additional borings will be required in the final design phase after the building locations and sizes and been finalized. The scope of work for the preliminary geotechnical investigation will include approximately one boring in the McClusky Canal, 3 deep soil borings for the intake pump station, 3 deep soil borings for the main pump station, two deep soil borings for the hydraulic break tanks, and ten soil borings for the BWTP.
 - i. Exploratory work, field testing, and laboratory testing services will be completed by Engineer's Subconsultant. Field services include planned geotechnical exploratory work, such as soil borings, standard penetration tests, soundings, laboratory tests of soils and rock samples. The field work will provide information for design, and other field and laboratory tests and analyses that are required.
 - ii. Geotechnical Data Reports. A standard Geotechnical Data Report will be prepared for each of the facilities listed above based on findings from land-side borings and associated site civil work. The Geotechnical Data Report will be completed by the sub-consultant geotechnical engineer and reviewed by the Engineer.
- G. Subsurface Utility Engineering. Provide subsurface utility engineering services performed to ASCE 38.02 Quality Level D. Utility owners will be identified and contacted to confirm utilities in the area, and to obtain any available utility maps and drawings which will support the field work.

5. Task 5 – Preliminary Design

The purpose of Preliminary Design is to provide a preliminary site layout and access plan, a preliminary building layout and associated architectural and structural drawings, a preliminary process mechanical layout, a preliminary P&IDs for the facilities, and a preliminary description of how the facilities will be served by utilities.

- A. Design Team Conference Calls. Engineer will schedule and lead conference calls with the Owner and its team. Calls will be scheduled, and content organized to coincide with other Task Orders for efficient utilization of staff time.
 - i. Owner Conference Calls (up to 40 calls assuming a 20-month preliminary design phase duration). Engineer will conduct bi-weekly conference calls with the Owner to review overall progress, exchange ideas and information, and coordinate activities.
 - ii. Task Order Coordination Calls (up to 20 calls). Engineer will plan and take part in monthly coordination conference calls with tasks leaders of other Task Orders to share progress and conclusions such that efforts are well coordinated and not duplicated or unnecessary.
- B. Permitting. It is assumed that no permits will be required as this is a preliminary design task order. It is expected that landowner permissions will be required for the geotechnical borings and for site access.
- C. Utility Extension Plan. Given the remote nature of the sites, it is expected that significant efforts will be needed to extend power utilities to the site. It is also expected that plans will be needed for a potable water supply, heating, water storage for fire protection and sewerage disposal. The scope includes identifying the type of utility extension, the estimated cost of the utility extension, and the need for any property easements associated with the extension. The actual design of the utility extension will be completed under the Final Design Task Order.
- D. Transportation Access Plan. An overall transportation access plan will be established to provide definition of the local road extensions required to have access to the facilities.
- E. Hydraulic Analysis
 - i. Note that the hydraulic efforts described in this task order are relate to the sizing of the pump station and establishing the hydraulics within the BWTP and McMPS. The overall hydraulics of the system are being completed under Task Order 5340.
 - ii. It has not been determined if a physical model is needed for the pump station. A \$200,000 allowance has been included to provide for contracting with a laboratory and the oversight of a physical model if one is needed.

- F. BWTP Process Engineering. The objective of this sub-task is to develop a more rigorous process design that builds on the conceptual work by Reclamation. Process work is expected to include:
- i. Perform a Regulatory Review and Define Treatment Requirements
 - (a) Determine basis of design for level of treatment require. This will include verifying with Reclamation and the State final treatment objectives, including determining if a chlorine residual needs to be carried for the full extent of the pipe. An assessment of McClusky Canal turbidity and recommended pre-treatment technologies to keep turbidity less than 10 NTU prior to disinfection will also be completed.
 - (b) Confirm required chemical capacity needed for treatment between wet, semi-drought and drought years.
 - ii. Water Quality Sampling and Analysis
 - (a) Create and perform sampling program consistent with the 2020 report that recommended more water sampling prior to preliminary design. The sampling will include testing for water quality parameters such as UVT, TOC, SUVA and others not previously tested. The scope is to develop a separate water quality sampling plan will be developed. Garrison Diversion will collect the water quality samples and send them to the laboratory for analysis.
 - iii. Bench-scale Testing (Black & Veatch Kansas City Lab)
 - (a) Establish treatment requirements to meet inactivation
 - (i) UV contact time, chlorine dose and residual
 - (b) Determine disinfection byproduct formation
 - (i) Send samples for 3rd party analysis
 - (ii) Establish dose with least impactful DBP formation
 - iv. Process Design Tech Memo
 - (a) Summarize Regulatory Review, Water Characterization, Blending Analysis, Bench-scale Testing Results
 - (b) Establish selected treatment train with a detailed PFD, and a flow balance diagram. Establish expected chemical use under varying flow conditions.
- G. Basis of Design Memorandum
- i. Draft Basis of Design Memorandum (BDM). A draft BDM will be prepared for the design and construction of the BWTP and McMPS. Engineer will review the Draft BDM for accuracy and completeness prior to submitting to the Owner for review and comment. The BDM will build upon the work of the previously prepared Preliminary Design Report and EIS.
 - ii. Review and Finalize BDM. Engineer will confer with Owner's staff to review the Draft BDM and obtain Owner's comments. Engineer will address Owner comments and develop a Final BDM. The Final BDM will be the document followed by the design team during the final design.

- H. Engineer will prepare Preliminary Deliverables. Preliminary drawing development will be completed in parallel with the draft BDM.
- i. Document Development. The content of preliminary deliverables is as follows:
- General project scope and background references.
 - Flow rates - present and anticipated.
 - Raw water quality - physical, chemical, and biological.
 - Design objectives and treated water quality.
 - Sludge quantities and types.
 - Applicable codes and standards, including fire and safety codes including code review and approval process.
 - Site considerations, including subsurface conditions, flood elevations, drainage requirements, etc.
 - Process Flow Diagrams
 - Site plan, building layouts, and architecture.
 - Hydraulic profile of treatment facilities.
 - Condensed hydraulic profile of pipelines.
 - Process and hydraulic systems.
 - Sludge processing systems and handling.
 - Sludge disposal method.
 - Chemical feed and storage.
 - Operational monitoring and control systems.
 - HVAC systems.
 - Electrical systems.
 - Structural design criteria.
 - Communications systems.
 - Miscellaneous support systems.
 - Security systems.
 - Utility requirements.
- ii. Preliminary Design Review. Attend a meeting or conference call with the Owner to receive and discuss review comments. Document comments received in a log and distributed to stakeholders.
- iii. Revise documents as necessary to reflect decisions taken at this level incorporating design modifications into subsequent deliverables.
- I. Preliminary Opinion of Probable Construction Cost (OPCC). Engineer will update the OPCC (aka Cost Opinion or Cost Estimate) at the preliminary design submittal after transmittal of the Level 1 deliverable. The cost opinion will be updated commensurate with an ACE Class 3 estimate. The expected accuracy will be -10 to -20 percent on the low end and the expected accuracy on the high end will be from +10 to +30 percent.

9. Task 6 – NDPDES Permitting Support

- A. The existing NDPDES permit will need to be updated to incorporate the new BWTP location and new water source. Based on the last NDPDES application, it is assumed two draft permit applications will be submitted and then a final permit application. Meetings are assumed with the State before and after each draft. The permit application will include the required NDPDES forms and a technical memorandum demonstrating the treatment adequacy of the chlorine and UV systems. The analysis will also include development of a monitoring plan and a contingency plan to manage water that is not fully treated.

V. 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.

1. Task 1 – Project Management
 - A. Monthly invoices
 - B. Baseline Schedule
2. Task 2 – Special Project and Third-Party Meetings. Meeting agenda (included with MS Outlook meeting invitations) and minutes (electronic pdf files)
3. Task 3 - Final Site Selection, Site Reconnaissance and Landowner Communication Support
 - A. Final Site Selection Technical Memorandum.
4. Task 4 - Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey.
 - A. Land Acquisition Site Plan
 - B. Geotechnical Investigation Data Report
 - C. Site Environmental and Cultural Report
 - D. Site Topographic Map
 - E. Phase I ESA
2. Task 5 – Preliminary Design
 - A. Meeting/conference call agenda and minutes (electronic pdf files)
 - B. Reports for Utility Extension, Transportation, Hydraulic Analysis, and BWTP Process Engineering (electronic pdf file)
 - C. Basis of Design Memorandum (draft and final electronic pdf files)
 - D. Preliminary Drawings (single hard copy and electronic pdf files)
 - E. Preliminary cost opinion (electronic pdf file)
 - F. Preliminary Design Owner review comments log (electronic pdf file)

3. Special Services

A. None.

VI. 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, an amendment to this Task Order, or execution of a separate Task Order with the new scope, will be necessary.

1. The fee specifically excludes and fees associated with permits and the actual property acquisition costs.

VII. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. Owner commits to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer. A review meeting will be scheduled and conducted by Engineer no more than 14 calendar days after receipt of Owner review comments, unless a mutually agreed upon date outside this schedule window is selected.
2. Land Acquisition Costs. Fees paid to all property owners necessary to purchase property, easements, or ROEs are the responsibility of the Owner.

VIII. FEE

The total fee for Basic Services provided under this Task Order is 2,872,752.

A worksheet showing the fee estimate and level of effort by task is included in Attachment B.

IX. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by October 2025.

X. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

1. Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 is incorporated by reference.
2. Attachment A – Proposed Outline for the Basis Of Design Report and Preliminary Drawing List
3. Attachment B – Engineering Fee Worksheets

XI. ACCEPTANCE

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

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

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

Dated: _____

Dated: _____

DRAFT

ATTACHMENT A
PROPOSED OUTLINE FOR THE BASIS OF DESIGN REPORT
AND
PRELIMINARY DRAWING LIST

DRAFT

PROPOSED OUTLINE FOR THE BASIS OF DESIGN REPORT

1. General
 - a. Project Description
 - b. Background
 - c. Project Scope
 - d. Schedule
 - e. Site Description
 - i. Location
 - ii. Datum
 - f. Flood Protection
2. Process Design Criteria
 - a. Source Water Quality
 - b. Finished Water Quality
 - c. Design Flows
 - d. NPDES Permit Limits
3. Facility Requirements
 - a. Site Selection
 - b. Land Acquisition
 - c. Environmental/Cultural
4. Water Treatment Plant
 - a. Coagulation/Flocculation
 - b. High-Rate Sedimentation
 - c. Media Filtration
 - d. UV and Chlorine Disinfection
 - e. Residuals
5. Main Pumping Station
 - a. Pumps
6. Sitework
 - a. Applicable Codes and Standards
 - b. Roadways
 - c. Site Drainage and Stormwater Management
 - d. Site Piping
7. Architectural Design Criteria
 - a. General
 - b. Applicable codes and standards
 - c. Operations Building
 - i. Architectural Study and Assessment
 - ii. Architectural Program
 - iii. Building Code Analysis
 - iv. Building Energy Code Analysis
 - v. Methods of Construction
 - d. Main Pumping Station
 - i. Building Code Analysis
 - ii. Architectural Program
 - iii. Building Energy Code Analysis

- iv. Methods of Construction
- 8. Structural Design Criteria
 - a. General
 - b. Codes and Standards
 - c. Specified Material Parameters
 - i. Concrete
 - ii. Concrete and Masonry Reinforcement
 - iii. Masonry
 - iv. Structural Steel
 - v. Aluminum
 - d. Loading Criteria
 - i. Dead Loads
 - ii. Live Loads (Floor and Roof)
 - iii. Snow Loads
 - iv. Wind Loads
 - v. Seismic Loads
 - vi. Soil, Backfill, and Groundwater
 - vii. Equipment and Piping Loads
 - viii. Impact Loads
 - ix. Bridge Crane and Monorail Loads
 - x. Load Combinations
 - e. Design Procedures and Assumptions
 - i. Reinforced Concrete Design
 - ii. Reinforced Masonry Design
 - iii. Structural Steel Design
 - iv. Aluminum Design
 - v. Geotechnical Design
 - vi. Flotation
 - vii. Impact and Vibration Design
 - viii. Bridge Crane and Monorail Runway Beam Design
 - ix. Non-Structural Component Design
 - x. Guardrail, Handrail, Ladder, and Stair Designs
 - f. Special Inspections
- 9. Building Mechanical Design Criteria
 - a. General
 - b. Applicable Codes and Standards
 - c. Location & Meteorological Design Criteria
 - d. Materials
 - e. Seismic
 - f. Building Design Requirements
 - g. Plumbing design
 - i. Storm Drainage Systems
 - ii. Sanitary Drainage Systems
 - iii. Water Piping Systems
 - iv. Plumbing Fixtures

- h. Heating, Ventilation, and Air Conditioning
 - i. Indoor Design Conditions
 - ii. HVAC General Requirements
 - iii. Heating Systems
 - iv. Ventilation Systems
- 10. Electrical Design Criteria
 - a. General Design Criteria
 - b. Codes and Standards
 - c. Power Distribution
 - i. Electrical Distribution System
 - ii. Distribution and Utilization Voltages
 - iii. Standby Power
 - d. Electrical equipment design criteria
 - i. Switchboards
 - ii. Motor Control Starters
 - iii. Motors and Adjustable Frequency Drives
 - iv. Power Transformers
 - v. Panelboards
 - vi. Receptacles
 - vii. Raceways and Cable
 - viii. Grounding and Lightning Protection
 - e. Lighting Requirements
 - f. Fire Alarm System
 - g. Telephone and Communication
 - h. Security System
 - i. Calculations and analysis requirements
 - i. Load Analysis
 - ii. Short Circuit Analysis and Coordination Study
 - iii. Arc Flash Analysis
- 11. Instrumentation Design Criteria
 - a. General
 - b. Applicable Codes and Standards
 - c. WTP and Main Pumping Station Control System
 - d. Instrumentation and Control Devices
 - e. Equipment Controls
 - f. Equipment Control Modes

Opinion of Probable Cost

Proposed Drawing List

**ENDAWS Task Order 3210 – Biota Water Treatment Plant and McClusky Main Pumping Station Preliminary Design
Garrison Diversion Conservancy District**

Sheet Title				
AREA DESCRIPTION	DISCIPLINE	DRAWING NAME	SCALE	# of Dwg
GENERAL	GENERAL	COVER SHEET		1
GENERAL	GENERAL	INDEX OF DRAWINGS		2
GENERAL	GENERAL	ABBREVIATIONS & LEGENDS		1
GENERAL	GENERAL	PROCESS FLOW DIAGRAM		3
GENERAL	GENERAL	HYDRAULIC PROFILE		1
SITE	CIVIL	OVERALL SITE PLAN		1
SITE	CIVIL	DEMOLITION		2
SITE	CIVIL	GRADING AND PAVING PLAN		4
SITE	CIVIL	SITE PIPING PLAN		4
SITE	CIVIL	SITE STRUCTURES - PLANS, SECTIONS		2
SITE	ELECTRICAL	OVERALL SITE PLAN		1
OPERATIONS BUILDING	ARCHITECTURAL	OVERALL OPERATING LEVEL FLOOR PLAN	1/32" = 1'-0"	1
OPERATIONS BUILDING	ARCHITECTURAL	OPERATING LEVEL FLOOR PLAN	1/16" = 1'-0"	1
OPERATIONS BUILDING	ARCHITECTURAL	OPERATING LEVEL FLOOR PLAN	1/16" = 1'-0"	1
OPERATIONS BUILDING	ARCHITECTURAL	OVERALL ROOF PLAN	1/32" = 1'-0"	1
OPERATIONS BUILDING	ARCHITECTURAL	BUILDING ELEVATIONS	1/16" = 1'-0"	1
OPERATIONS BUILDING	ARCHITECTURAL	BUILDING ELEVATIONS	1/16" = 1'-0"	1
OPERATIONS BUILDING	ARCHITECTURAL	PERSPECTIVES	No Scale	1
OPERATIONS BUILDING	STRUCTURAL	BASEMENT PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	STRUCTURAL	FIRST FLOOR PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	PROCESS MECHANICAL	BASEMENT FLOOR - 3D PERSPECTIVE		1
OPERATIONS BUILDING	PROCESS MECHANICAL	FIRST FLOOR - 3D PERSPECTIVE		1
OPERATIONS BUILDING	PROCESS MECHANICAL	BASEMENT PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	PROCESS MECHANICAL	FIRST FLOOR PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	PROCESS MECHANICAL	SECTIONS	1/4" = 1'-0"	4
OPERATIONS BUILDING	HVAC	BASEMENT PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	HVAC	FIRST FLOOR PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	PLUMBING	BASEMENT PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	PLUMBING	FIRST FLOOR PLAN	1/16" = 1'-0"	4
OPERATIONS BUILDING	ELECTRICAL	POWER DISTRIBUTION FUNCTIONAL DIAGRAM		2
OPERATIONS BUILDING	ELECTRICAL	MEDIUM VOLTAGE - ONE LINE DIAGRAMS		4
OPERATIONS BUILDING	INSTRUMENTATION	CONTROL SYSTEM BLOCK DIAGRAM		1
OPERATIONS BUILDING	INSTRUMENTATION	LEGENDS & ABBREVIATIONS		2
MCCLUSKY MAIN PUMPING STATION	ARCHITECTURAL	OPERATING LEVEL FLOOR PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	ARCHITECTURAL	ROOF PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	ARCHITECTURAL	BUILDING ELEVATIONS	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	ARCHITECTURAL	BUILDING ELEVATIONS	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	ARCHITECTURAL	PERSPECTIVES	No Scale	1
MCCLUSKY MAIN PUMPING STATION	STRUCTURAL	BASEMENT PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	STRUCTURAL	FIRST FLOOR PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	PROCESS MECHANICAL	3D PERSPECTIVE		1
MCCLUSKY MAIN PUMPING STATION	PROCESS MECHANICAL	BASEMENT PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	PROCESS MECHANICAL	FIRST FLOOR PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	PROCESS MECHANICAL	SECTIONS	1/4" = 1'-0"	2
MCCLUSKY MAIN PUMPING STATION	HVAC	BASEMENT PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	HVAC	FIRST FLOOR PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	PLUMBING	BASEMENT PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	PLUMBING	FIRST FLOOR PLAN	1/8" = 1'-0"	1
MCCLUSKY MAIN PUMPING STATION	ELECTRICAL	POWER DISTRIBUTION FUNCTIONAL DIAGRAM		1
MCCLUSKY MAIN PUMPING STATION	ELECTRICAL	MEDIUM VOLTAGE - ONE LINE DIAGRAMS		2
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	CONTROL SYSTEM BLOCK DIAGRAM		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - MCCLUSKY MAIN PUMPING STATION - SHEET 1 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - MCCLUSKY MAIN PUMPING STATION - SHEET 2 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - BIOTA WTP SEDIMENTATION - SHEET 1 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - BIOTA WTP SEDIMENTATION - SHEET 2 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - BIOTA WTP UV DISINFECTION - SHEET 1 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - BIOTA WTP UV DISINFECTION - SHEET 2 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - BIOTA WTP CHLORINE SYSTEM - SHEET 1 OF 2		1
MCCLUSKY MAIN PUMPING STATION	INSTRUMENTATION	P&ID - BIOTA WTP CHLORINE SYSTEM - SHEET 2 OF 2		1
TOTAL SHEET COUNT				104

ATTACHMENT B
ENGINEERING FEE WORKSHEETS

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Price/Fee Summary							
Task	Description	Hours	Labor	Travel Expenses	Field/Misc Expenses	Subcontracts	Total Price/Fee
TOTALS:		9417.00	\$1,964,313.05	\$13,405.00	\$83,811.30	\$811,222.65	\$2,872,752.00
Task 1 Task 1 Project Management							
1/01	Project Management	240	\$71,003.92	\$1,105.00	\$2,136.00	\$23,265.90	\$97,510.82
1/02	Administration	160	\$19,972.40		\$1,424.00	\$9,261.00	\$30,657.40
1/03	Management of Subconsultants	160	\$42,879.52		\$1,424.00		\$44,303.52
Task 1 Subtotals		560	\$133,855.84	\$1,105.00	\$4,984.00	\$32,526.90	\$172,471.74
Task 2 Task 2 Special Project and Third-Party Meetings							
2/01	Special Project Meetings	40	\$10,141.09		\$356.00	\$2,935.80	\$13,432.89
2/02	Third-Party Meetings	200	\$55,943.10		\$1,780.00		\$57,723.10
2/03	Reclamation Meetings	80	\$22,377.24		\$712.00	\$16,760.10	\$39,849.34
Task 2 Subtotals		320	\$88,461.43		\$2,848.00	\$19,695.90	\$111,005.33
Task 3 Task 3 Land Acquisition Services							
3/01	Final Site Selection	36	\$9,929.14		\$320.40	\$3,652.95	\$13,902.49
3/02	Right of Entry Agreements	6	\$1,654.86		\$53.40	\$6,313.65	\$8,021.91
3/03	Landowner Contacts	6	\$1,654.86		\$53.40	\$25,200.00	\$26,908.26
3/04	Title Research	6	\$1,654.86		\$53.40	\$12,600.00	\$14,308.26
3/05	Land Appraisal	6	\$1,654.86		\$53.40	\$4,200.00	\$5,908.26
3/06	Survey and Platting	6	\$1,654.86		\$53.40	\$106,365.00	\$108,073.26
Task 3 Subtotals		66	\$18,203.42		\$587.40	\$158,331.60	\$177,122.42
Task 4 Task 4 Field Services							
4/01	Survey	6	\$1,654.86		\$53.40	\$43,838.55	\$45,546.81
4/02	Phase I Environmental Site Assessment	6	\$1,654.86		\$53.40	\$21,598.50	\$23,306.76
4/03	Wetland Delineation	6	\$1,654.86		\$53.40	\$17,951.05	\$19,659.31
4/04	Threatened & Endangered Species	6	\$1,654.86		\$53.40	\$9,345.00	\$11,053.26
4/05	Cultural Resources Inventory	6	\$1,654.86	\$1,105.00	\$53.40	\$23,419.20	\$26,232.46
4/06	Preliminary Geotechnical Field Investigation	102	\$25,964.12	\$3,940.00	\$907.80	\$218,048.25	\$248,860.17
4/07	Subsurface Utility Engineering	6	\$1,654.86	\$3,940.00	\$53.40	\$14,567.70	\$20,215.96
Task 4 Subtotals		138	\$35,893.26	\$8,985.00	\$1,228.20	\$348,668.25	\$394,774.71
Task 5 Task 5 Preliminary Design							
5/01	Design Team Conference Calls	495	\$127,176.30		\$4,405.50		\$131,581.80
5/02	Permitting						
5/03	Utility Extension Plan	112	\$24,716.86		\$996.80		\$25,713.66
5/04	Transportation Access Plan	136	\$24,341.87		\$1,210.40		\$25,552.27
5/05	Hydraulic Analysis	180	\$37,279.10		\$1,602.00	\$210,000.00	\$248,881.10
5/06	BWTP Process Engineering	616	\$121,106.11		\$5,482.40		\$126,588.51
5/07	Biota WTP - Basis of Design Memorandum - Schematic Phase	1388	\$256,995.88		\$12,353.20		\$269,349.08
5/08	Biota WTP - Basis of Design Memorandum - Spatial Phase	1596	\$292,479.49		\$14,204.40		\$306,683.89
5/09	Biota WTP - Prepare Basis of Design Memorandum	1641	\$350,675.60		\$14,604.90		\$365,280.50
5/10	McClusky Main PS - Basis of Design Memorandum - Schematic Phase	431	\$81,539.36		\$3,835.90		\$85,375.26
5/11	McClusky Main PS - Basis of Design Memorandum - Spatial Phase	456	\$87,951.93	\$1,105.00	\$4,058.40		\$93,115.33
5/12	McClusky Main PS - Prepare Basis of Design Memorandum	766	\$166,060.32	\$1,105.00	\$6,817.40		\$173,982.72
Task 5 Subtotals		7817	\$1,570,322.82	\$2,210.00	\$69,571.30	\$210,000.00	\$1,852,104.12
Task 6 Task 6 NDPDES Permitting Support							
6/01	Permitting Support	516	\$117,576.30	\$1,105.00	\$4,592.40	\$42,000.00	\$165,273.70
Task 6 Subtotals		516	\$117,576.30	\$1,105.00	\$4,592.40	\$42,000.00	\$165,273.70



REQUEST

Consideration and approval of a preliminary design task order in the amount of \$370,443 for preliminary design of two Hydraulic Break Tanks, as part of the Eastern North Dakota Alternate Water Supply (ENDAWS) project. The Task Order advances the appraisal-level design completed under the Bureau of Reclamation’s ENDAWS Environmental Impact Statement and Record of Decision. Services will begin in February 2024 and finish by October 2025. These professional services are provided on an hourly basis; the fee is an estimate based on the scope and nature of the work and the 20-month schedule.

TASK ORDER SUMMARY

The services to be provided by the engineering team are fully described in the attached Task Order. The following summarizes each of the major tasks.

Basic Services: The estimated hourly fee and expenses for standard and customary preliminary design, surveying, and environmental services are as follows for a future construction project with an estimated cost of \$23 million:

	Fee	% of Const
1) Task Order Management and Administration	\$61,157	0.27%
2) Special Project and Third-Party Meetings	\$34,011	0.15%
3) Final Site Selection, Site Reconnaissance and Landowner Communication Support Services	\$19,355	0.08%
4) Coordination of Land Acquisition, Geotechnical Investigation, and Environmental/Cultural Surveys	\$8,917	0.04%
5) Preliminary Design Services	\$246,596	1.07%
Totals	\$370,443	1.61%

Special Services: There are no unique or specialized services required under this task order.

PROJECT OVERVIEW

A map showing the location of the project is included in the background information of the attached Task Order. This project will be located nearby the Biota Water Treatment Plant site near McClusky, North Dakota. Elements of this preliminary design Task Order are:

- Development of a Project Management Plan specific to the Work to keep the Task Order on schedule and on budget,
- Leading Special Project and Third-Party meetings to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input,
- Review the final site location for the Hydraulic Break Tanks, including development of a final site selection technical memorandum,
- Coordination between this task order and the Task Order 3210 – Biota Water Treatment Plant & Main Pumping Station Task Order, including
 - Property acquisition and preliminary geotechnical investigation support
 - Environmental/cultural/threatened and endangered species surveys and reports
 - Topographic site plans, and routing necessary utilities to the site
- Preliminary Design to complete permitting, a refinement of system hydraulics within the Hydraulic Break Tanks, utility coordination, a geotechnical investigation, and modeling such that the spatial location and size of the tanks and necessary utilities are fully defined, and

- Development of an ENDAWS preliminary design report, associated preliminary design drawings, and preliminary Opinion of Probable Construction Cost as the key deliverables.



Black & Veatch Corporation

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

ENDAWS Task Order 4250 – Hydraulic Break Tank Preliminary Design

Effective Date – February 1, 2024

Content of this Task Order is as follows:

- I. PROJECT BACKGROUND..... 1
- II. TASK ORDER OBJECTIVES..... 2
- III. GENERAL REQUIREMENTS..... 8
- IV. BASIC SERVICES..... 8
- V. DELIVERABLES..... 12
- VI. ADDITIONAL SERVICES..... 13
- VII. SPECIAL RESPONSIBILITIES OF OWNER..... 13
- VIII. FEE..... 13
- IX. PERFORMANCE SCHEDULE 13
- X. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS 13
- XI. ACCEPTANCE..... 14

I. PROJECT BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Project) will provide a supplemental water supply to eastern and central North Dakota (ND) in the event of drought conditions in the Red River watershed. The Project as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, the Owner) will also supply additional water to support industrial development as well as provide an environmental benefit to local rivers during drought conditions by augmenting natural stream flows. The source water will be withdrawn from the Missouri River or the McClusky Canal and conveyed to a new water plant. A multi-county pipeline will then convey flows from the plant to the Sheyenne River. Lake Ashtabula located downstream will provide storage for controlled releases to the Red River Valley. The current focus of the project is to construct the intake at the McClusky Canal and the completion of the pipeline from the McClusky Canal to the Sheyenne River.
2. Professional services for design of the Project will be accomplished through the execution of multiple task orders for design and associated activities as well as for engineering services during construction. This Task Order will be executed under two foundation documents:

- A. A Preliminary Design Report (PDR) prepared by Engineer and authorized by Owner under previously executed Task Order.
- B. The Eastern North Dakota Alternate Water Supply EIS.

II. TASK ORDER OBJECTIVES

1. The objective of this task order is to complete a preliminary design for the Hydraulic Break Tanks, which will be two approximately 5-million-gallon break tanks at the point where the pipeline transitions from pressure flow to gravity flow. **Figure 1** shows the approximate location and layout of the Hydraulic Break Tanks. **Figures 2A and 2B** show a conceptual layout drawing. Drawings 2A and 2B are based on the original Red River Valley Water Supply Project alignment and in the analysis completed as part of the Red River Valley Water Supply Project Preliminary Design Report which presumed a Missouri River intake.
2. The U.S. Department of the Interior, Bureau of Reclamation (Reclamation) completed the Eastern North Dakota Alternate Water Supply EIS which resulted in the Record of Decision being signed for the ENDAWS portion of this project. As such, Reclamation is a stakeholder for this project and coordination with them is presumed throughout the effort.
3. The Reclamation EIS allowed for the construction of the pipeline from the McClusky Canal to the Sheyenne River as shown on Figure 1. Because of this change, the Hydraulic Break Tanks will need to be relocated and the overall hydraulic analysis of the ENDAWS alignment will need to be finalized. This work will be done under another Task Order. The approximate size and function of the break tanks will remain as described in the Preliminary Design Report. However, the specific water operating levels will be updated. These hydraulic criteria will serve as inputs to the work completed under this task order.
4. Specific objectives for this Task Order are to:
 - A. Finalize a site location for the break tanks. A preliminary evaluation of sites was completed as part of the Reclamation EIS and under Task Order 5280. Available land will also in part determine the final location for the break tanks. It is expected that a 5 to 10 acre parcel will be required for the break tanks.
 - B. Support Garrison Diversion with the required survey and easements so it can complete land acquisition of the required property.
 - C. Complete a preliminary geotechnical investigation to support the preliminary design.
 - D. Complete environmental, cultural, threatened and endangered species, and raptor surveys of the property.
 - E. Develop topographic site plans from currently available LIDAR information.
 - F. Develop a plan for bringing required utilities to the selected property location.
 - G. Develop a Basis of Design Report and the approximate drawings shown in **Attachment A**.
 - H. Provide an updated Opinion of Probable Construction Cost (OPCC).

5. Items B, C, D and E listed above will be performed under the ENDAWS TO 3210 Biota WTP & Main Pumping Station Preliminary Design but will need to be coordinated with this task. Specifically,
 - A. Land acquisition assistance to Garrison Diversion through property appraisals, property boundary surveys, landowner contacts, offer/counteroffer(s), and landowner negotiations. Normal property acquisition activities are assumed.
 - B. A preliminary geotechnical investigation and reporting of the in-situ soil conditions for land-side borings and borings.
 - C. A detailed assessment of the land expected to be acquired for environmental and cultural features as well as the potential for contamination.
 - D. A site map showing topography that will form the basis for the site layout.

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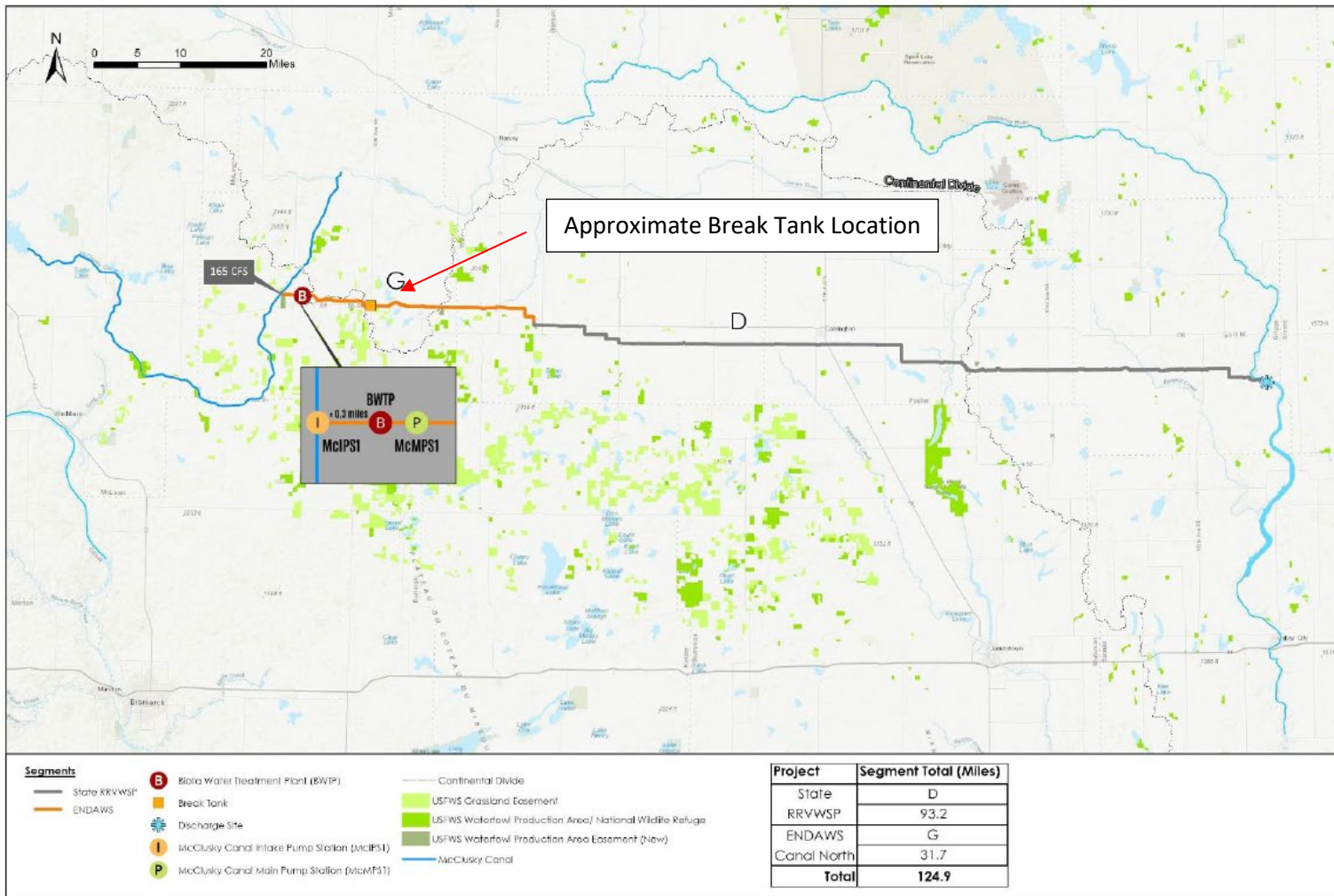


Figure 1 - Hydraulic Break Tank Location

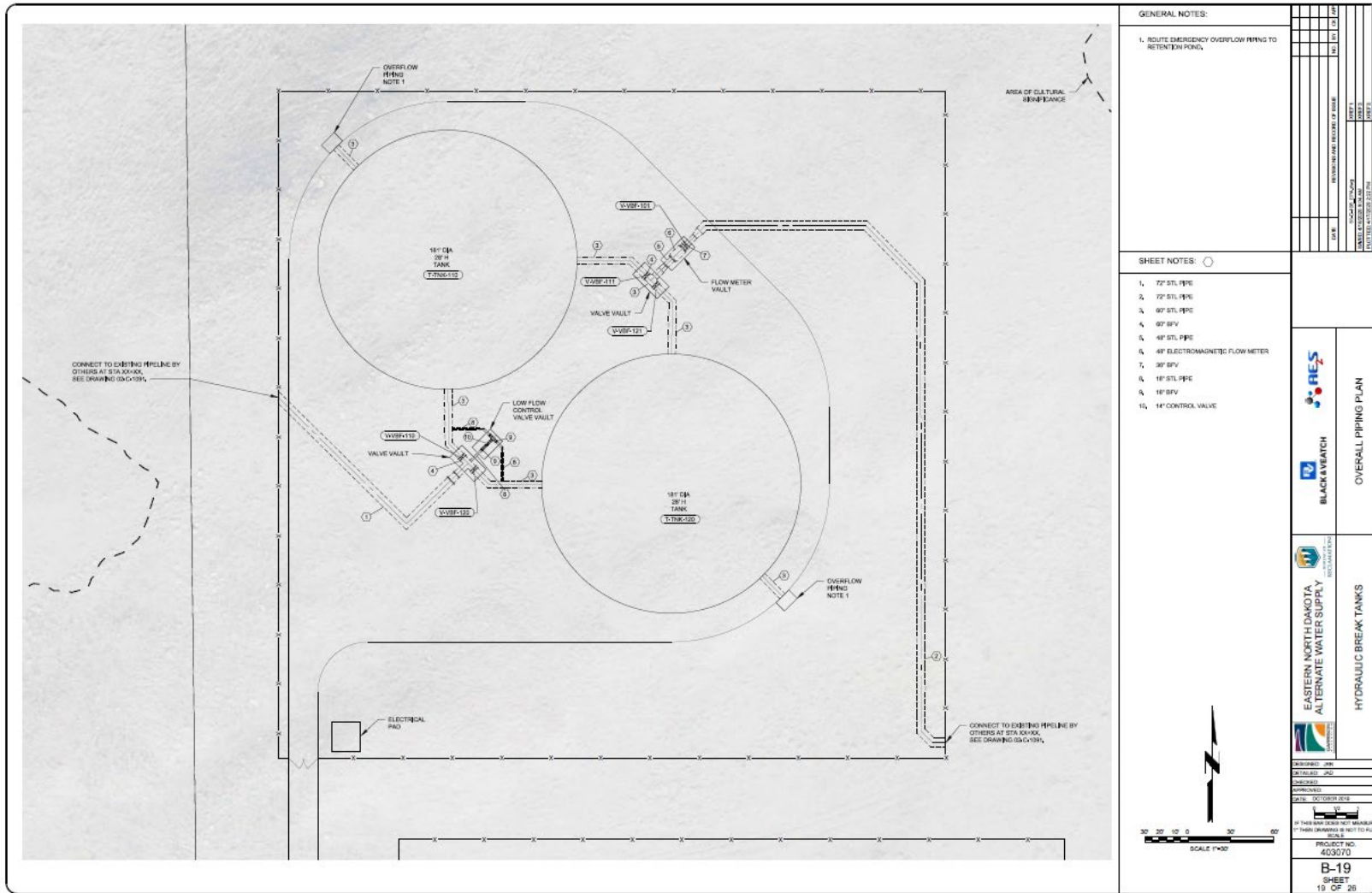


Figure 2A – Hydraulic Break Tank Site Layout

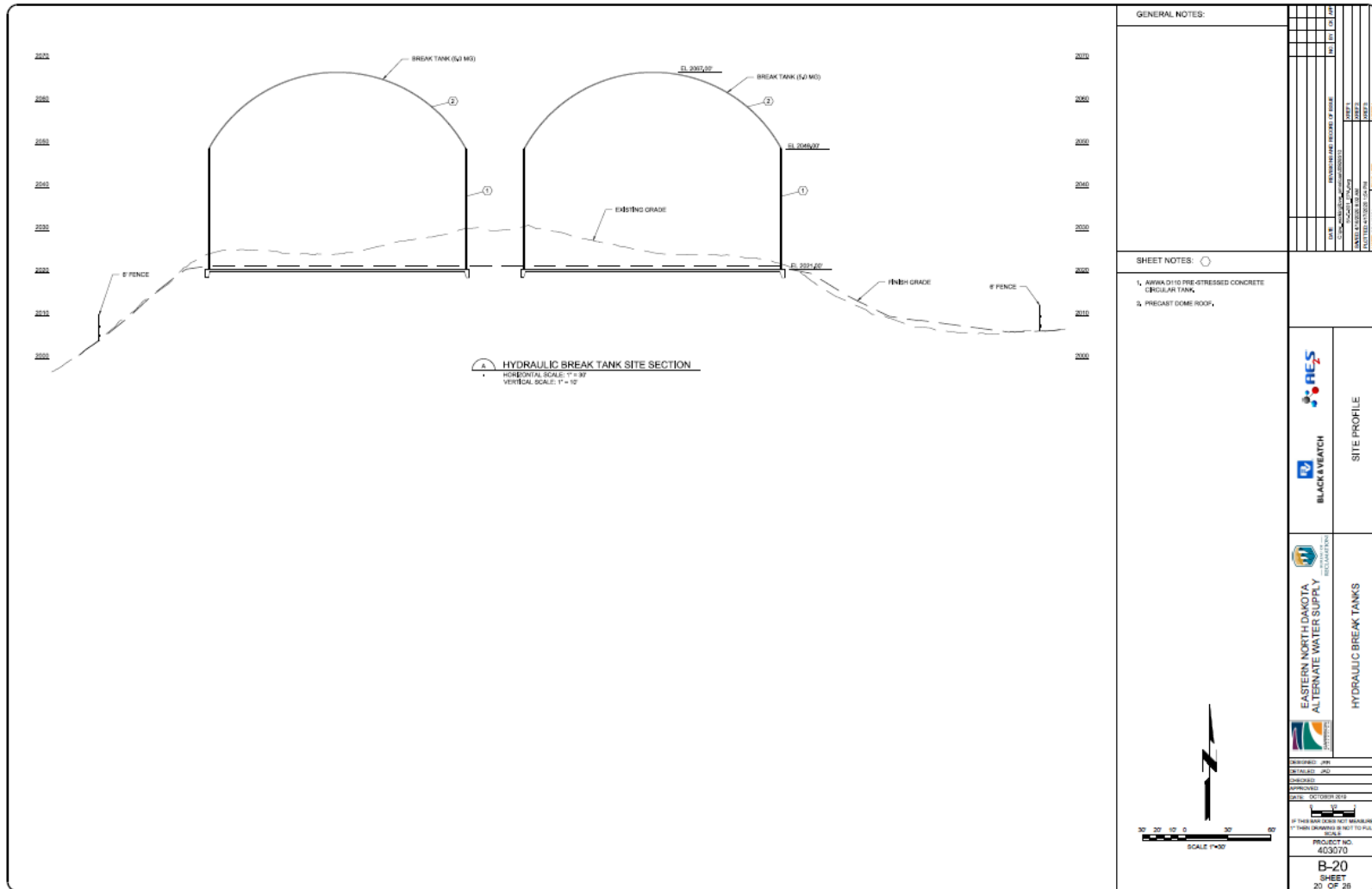


Figure 2B – Hydraulic Break Tank Cross Section

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III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional design services associated with development of preliminary design for construction of hydraulic break tanks and associated site improvements and access road(s).
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. Capital Cost Opinions. All opinions of probable construction cost developed will generally follow the recommendations of the Association for the Advancement of Cost Engineering (AACE) International Recommended Practice No. 18R with regard to methodology and accuracy. The cost opinions' level of accuracy presented by Engineer for the various deliverables will be as noted in subsequent paragraphs of this Task Order under Basic 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 Project and Third-Party Meetings
- Task 3 – Final Site Selection and Landowner Communication Support
- Task 4 – Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey
- Task 5 – Preliminary Design and OPCC

1. Task 1 – Task Order Management and Administration

This task includes overall management and development of a Project Management Plan specific to the Work. The overall objective of this task is to keep the Task Order on schedule and on budget.

- A. Project 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. Owner coordination will occur through regular project meetings as described in Task 5A.

- B. Administration. 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 the Owner.
- C. Management of Subconsultants. Engineer will monitor subcontractor progress, review and approve invoices, oversee adherence to the approved quality assurance/quality control (QA/QC) plan, monitor adherence to document preparation standards, and generally oversee Subconsultants' performance.

2. Task 2 – Special Project and Third-Party Meetings

The overall objective of this task is to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input. Engineer will prepare an agenda and provide meeting notes documenting discussions and action items. The following meetings are anticipated:

A. Special Project Meetings

- i. Task Order Initiation Meeting. Engineer will conduct a Task Order Initiation Meeting with the Owner and Subconsultants to review the overall approach to the Work, the schedule by which the work will be prosecuted, and other relevant coordination and management items necessary for a successful outcome. Another objective of this meeting will be to finalize the approach to right(s) of entry and to reach an agreement on an approach to obtaining the necessary right(s) of entry.

B. Third-Party Meetings

- i. Stakeholder Meetings. Engineer will attend and present Project information for one meeting with the Lake Agassiz Water Authority (LAWA) Technical Advisory Committee (TAC).
- ii. Design Coordination Meetings. Engineer will schedule and meet with the following agencies. Engineer will provide summary notes of meetings.
 - (a) Two meetings with the Reclamation in regard to final pump station location.
 - (b) Two meetings with the local electric utility regarding providing power service.
 - (c) Meetings with landowners, the Township and the County will be completed under Task Order 3210.

3. Task 3 – Final Site Selection, Site Reconnaissance and Landowner Communication Support

As shown in Figure 1, a general area for the Hydraulic Break Tanks has been selected. Specific parcels have not been identified. This task includes a site walk with Garrison Diversion and Reclamation to review the final site locations for the Hydraulic Break Tanks. The site walk will include an environmental professional to identify potential environmental (wetlands, critical habitat) cultural features or pollution liability features that may impact site acquisition. The site

walk will also include identification of potential utilities. A final site selection technical memorandum will be developed on conjunction with Reclamation to supplement the existing EIS.

4. Task 4 – Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey

As noted above, the actual land acquisition, geotechnical investigation, environmental/cultural reports and site survey will be completed under a separate task order. The purpose of Task 4 is to provide coordination between this task order and the task leader of the biota water treatment plant task order. The following products will be provided to this Task Order from work under the Biota Water Treatment Plant Task Order 3210:

- All property acquisition support. The intent of this task order is to finalize the site location, the required parcel size, and to initiate acquisition of the property. While this task order will be to finalize the site location and site, all acquisition work will be done under a separate task order.
- A geotechnical data report with preliminary recommendations for the hydraulic break tanks. It is expected that additional geotechnical borings will be completed during the final design. At a minimum, it is expected that two soil borings will be completed – one under each tank.
- Environmental/Cultural Reports. Final environmental (wetlands, threatened/engaged species, raptor surveys, etc.) and cultural reports will be provided to this Task Order documenting any environmental or cultural site constraints.
- Also, a Phase I Environmental Site Assessment Report will be provided to this Task Order. It is assumed there are no pollution liabilities that will need to be addressed on the site.
- Existing topography is available from previous LIDAR surveys. Additional state LIDAR data is available if needed. A CAD file with a site survey with 1-foot contours will be provided for this site.

5. Task 5 – Preliminary Design Phase

The purpose of Preliminary Design is to complete a refinement of system hydraulics within the Hydraulic Break Tanks, utility coordination, a geotechnical investigation, and modeling such that the spatial location and size of the tanks and necessary utilities are fully defined. Note that the hydraulic efforts described in this task order are relate to the sizing of the break tanks. The overall hydraulics of the system are being completed under Task Order 5340.

- A. Design Team Conference Calls. Engineer will schedule and lead conference calls with the Owner and its team. Calls will be scheduled, and content organized to coincide with other Task Orders for efficient utilization of staff time.
 - i. Owner Conference Calls (up to 20 calls assuming a 20-month preliminary design phase duration). Engineer will conduct bi-weekly conference calls with the Owner to review overall progress, exchange ideas and information, and coordinate activities.

- ii. Task Order Coordination Calls (up to 10 calls). Engineer will plan and take part in monthly coordination conference calls with tasks leaders of other Task Orders to share progress and conclusions such that efforts are well coordinated and not duplicated or unnecessary.
- B. Permitting. It is assumed that no permits will be required as this is a preliminary design task order. Any re-zoning that is required will be completed under the Biota Water Treatment Plant Task Order. It is expected that landowner permissions will be required for the geotechnical borings and for site access.
- C. Hydraulic Analysis
 - i. The overall system hydraulics are being finalized as part of another Task Order and will set the basis of design for the Break Tank Hydraulics. The hydraulics included under this Task Order are more specifically for assigning pipe flow and valves within Break Tank limits.
- D. Basis of Design Memorandum
 - i. Draft Basis of Design Memorandum (BDM). A draft BDM will be prepared for the design and construction of the Hydraulic Break Tanks. Engineer will review the Draft BDM for accuracy and completeness prior to submitting to the Owner for review and comment. The BDM will build upon the work of the previously prepared Preliminary Design Report and EIS.
 - ii. Review and Finalize BDM. Engineer will confer with Owner's staff to review the Draft BDM and obtain Owner's comments. Engineer will address Owner comments and develop a Final BDM. The Final BDM will be the document followed by the design team for the break tank design.
- E. Engineer will prepare Preliminary Deliverables. Preliminary drawing development will be completed in parallel with the draft BDM.
 - i. Document Development. The content of preliminary deliverables is as follows:
 - General drawings
 - Access road drawings
 - Site layout drawings
 - Hydraulic break tank drawings
 - Pipeline drawings
 - Outline of technical specifications
 - Internal quality control review and refinement
 - QA/QC plan and log update
 - Task Order schedule update

- ii. Preliminary Design Review. Attend a virtual meeting or conference call with the Owner to receive and discuss review comments. Document comments received in a log and distributed to stakeholders.
 - iii. Revise documents as necessary to reflect decisions taken at this level incorporating design modifications into subsequent deliverables.
- F. Preliminary Opinion of Probable Construction Cost (OPCC). Engineer will update the OPCC (aka Cost Opinion or Cost Estimate) at the preliminary design submittal after transmittal of the Level 1 deliverable. The cost opinion will be updated commensurate with an ACE Class 3 estimate. The expected accuracy will be -10 to -20 percent on the low end and the expected accuracy on the high end will be from +10 to +30 percent.

V. 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.

1. Task 1 – Project Management
 - A. Monthly invoices
 - B. Baseline Schedule
2. Task 2 – Special Project and Third-Party Meetings. Meeting agenda (included with MS Outlook meeting invitations) and minutes (electronic pdf files)
3. Task 3 - Final Site Selection, Site Reconnaissance and Landowner Communication Support
 - A. Final Site Selection Technical Memorandum.
4. Task 4 - Coordination of the Land Acquisition, Geotechnical Investigation, Environmental/Cultural Reports, and Site Survey
 - A. Land Acquisition Site Plan
 - B. Geotechnical Investigation Data Report
 - C. Site Environmental and Cultural Report
 - D. Site Topographic Map
 - E. Phase I ESA
2. Task 5 – Preliminary Design
 - A. Meeting/conference call agenda and minutes (electronic pdf files)
 - B. Modeling update technical memorandum (electronic pdf file)
 - C. Basis of Design Memorandum (draft and final electronic pdf files)
 - D. Preliminary Drawings (single hard copy and electronic pdf files)
 - E. Preliminary Design Owner review comments log (electronic pdf file)
 - F. Preliminary cost opinion

3. Special Services

- A. None.

VI. 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, an amendment to this Task Order, or execution of a separate Task Order with the new scope, will be necessary.

1. The scope assumed that any permit fees will be paid by the Owner.

VII. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. Owner commits to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer. A review meeting will be scheduled and conducted by Engineer no more than 14 calendar days after receipt of Owner review comments, unless a mutually agreed upon date outside this schedule window is selected.
2. Land Acquisition Costs. Fees paid to all property owners necessary to purchase property, easements, or ROEs are the responsibility of the Owner.

VIII. FEE

The total fee for Basic Services provided under this Task Order is \$370,443.

A worksheet showing the fee estimate and level of effort by task is included in Attachment B.

IX. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by October 2025.

X. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

1. Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 is incorporated by reference.
2. Attachment A – Proposed Outline for the Basis of Design Report and Preliminary Drawing List
3. Attachment B – Engineering Fee Worksheets

XI. ACCEPTANCE

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

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

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

Dated: _____

Dated: _____

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ATTACHMENT A

PROPOSED OUTLINE FOR THE BASIS OF DESIGN REPORT
AND
PRELIMINARY DRAWING LIST

DRAFT

PROPOSED OUTLINE FOR THE BASIS OF DESIGN REPORT

1. General
 - a. Project Description
 - b. Background
 - c. Project Scope
 - d. Schedule
 - e. Site Description
 - i. Location
 - ii. Datum
2. Process Design Criteria
 - a. Hydraulics
3. Facility Requirements
 - a. Site Selection
 - b. Land Acquisition
 - c. Environmental/Cultural
4. Sitework
 - a. Applicable Codes and Standards
 - b. Roadways
 - c. Site Drainage and Stormwater Management
 - d. Site Piping
 - e. Site Structures
5. Geotechnical Design Criteria
 - a. Scope
 - b. Preliminary Geotechnical Data
 - c. Design Procedures and Assumptions
 - d. Geotechnical Investigation
6. Structural Design Criteria
 - a. General
 - b. Codes and Standards
 - c. Specified Material Parameters
 - d. Loading Criteria
 - e. Design Procedures and Assumptions
 - f. Special Inspections
7. Electrical Design Criteria
 - a. General Design Criteria
 - b. Codes and Standards
 - c. Power Distribution
 - d. Electrical equipment design criteria
 - e. Lighting Requirements
 - f. Fire Alarm System
 - g. Telephone and Communication
 - h. Security System
 - i. Calculations and analysis requirements
- Instrumentation Design Criteria
 - j. General

- k. Applicable Codes and Standards
 - l. Hydraulic Break Tanks Control System
 - m. P&ID Drawings
 - n. Instrumentation and Control Devices
 - o. Equipment Controls
 - p. Equipment Control Modes
 - q. Project Equipment and Instrumentation Control Concepts
8. Opinion of Probable Cost

DRAFT

Proposed Drawing List

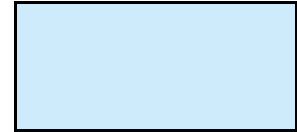
ENDAWS Task Order 4250 –
Hydraulic Break Tanks
Preliminary Design
Garrison Diversion
Conservancy District

AREA DESCRIPTION	DISCIPLINE	DRAWING NAME
GENERAL		COVER SHEET
GENERAL		GENERAL - INDEX OF DRAWINGS
SITE PLANNING		CIVIL - OVERALL SITE PLAN
SITE PLANNING		CIVIL - ENLARGED SITE PLAN
SITE PLANNING		CIVIL - GRADING AND PAVING PLAN
SITE PLANNING		CIVIL - OVERALL PIPING PLAN
SITE PLANNING		CIVIL - SITE PLAN SECTION
HYDRAULIC BREAK TANK		STRUCTURAL - FOUNDATION AND GROUND FLOOR PLANS
HYDRAULIC BREAK TANK		STRUCTURAL - SECTIONS AND DETAILS
HYDRAULIC BREAK TANK		ELECTRICAL - DEMOLITION ONE LINE DIAGRAM
HYDRAULIC BREAK TANK		P&ID - HYDRAULIC BREAK TANK
HYDRAULIC BREAK TANK		P&ID - CONTROL SYSTEM BLOCK DIAGRAM

ATTACHMENT B
ENGINEERING FEE WORKSHEETS

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Price/Fee Summary							
Task	Description	Hours	Labor	Travel Expenses	Field/Misc Expenses	Subcontracts	Total Price/Fee
TOTALS:		1460.00	\$348,704.86	\$8,745.00	\$12,994.00	\$0.00	\$370,443.86
Task 1 Task Order Management and Administration							
1/01	Project Management	120	\$34,972.08	\$3,940.00	\$1,068.00		\$39,980.08
1/02	Administration	120	\$20,176.20		\$1,068.00		\$21,244.20
1/03	Management of Subconsultants						
Task 1 Subtotals		240	\$55,148.28	\$3,940.00	\$2,136.00		\$61,224.28
Task 2 Special Project and Third-Party Meetings							
2/01	Special Project Meetings	48	\$13,116.57	\$1,970.00	\$427.20		\$15,513.77
2/02	Third-Party Meetings	64	\$17,958.86		\$569.60		\$18,528.46
Task 2 Subtotals		112	\$31,075.42	\$1,970.00	\$996.80		\$34,042.22
Task 3 Land Acquisition Services							
3/01	Final Site Selection	60	\$16,002.38	\$2,835.00	\$534.00		\$19,371.38
Task 3 Subtotals		60	\$16,002.38	\$2,835.00	\$534.00		\$19,371.38
Task 4 Field Services							
4/01	Coordination Activities	32	\$8,641.12		\$284.80		\$8,925.92
Task 4 Subtotals		32	\$8,641.12		\$284.80		\$8,925.92
Task 5 Preliminary Design							
5/01	Design Team Conference Calls	264	\$69,027.06		\$2,349.60		\$71,376.66
5/02	Permitting						
5/03	Hydraulic Analysis	140	\$33,374.29		\$1,246.00		\$34,620.29
5/04	Basis of Design Memorandum	572	\$124,691.97		\$5,090.80		\$129,782.77
5/05	OPCC	40	\$10,744.34		\$356.00		\$11,100.34
Task 5 Subtotals		1016	\$237,837.66		\$9,042.40		\$246,880.06
Task 6 Subtotals							



RRVWSP Task Order 1520 – Operational Planning Phase 3

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Consideration and approval of a task order in the amount of \$462,030 for ongoing analysis of the RRVWSP operations. The Phase 1 and Phase 2 Operations Task Orders made significant progress in evaluating how drought data will be collected, the Lake Audubon and McClusky Canal operating strategies, the governance of the RRVWSP, water accounting tools, and management protocols. The progress has been reported through technical memorandums and with ongoing meetings with the Operations Subcommittee. Ongoing meetings with USACE and the State have also been had.

The purpose of this task order is to continue to formalize these plans through discussions with the Users, Garrison Diversion, USACE and the State. Technical memorandums will be developed for Tasks 2 - 8 described below. The task order include scope and fee for the Wilson Water Group. These professional services are provided on an hourly basis; the fee is an estimate based on the scope and nature of the work and the 20-month schedule.

TASK ORDER SUMMARY

The services to be provided by the engineering team are fully described in the attached Task Order. The following summarizes each of the major tasks.

Basic Services: The estimated hourly fee and expenses for standard and customary engineering evaluations:

	Fee
TASK ORDER	
Task 1 – Task Order Management and Administration	\$28,301
Task 2 – RRVWSP Planning, Review, and Direction	\$82,507
Task 3 – Technical Report	\$56,227
Task 4 – Operational Description and Assumptions	\$52,504
Task 5 – Project Governance	\$30,177
Task 6 – Water Supplies	\$52,983
Task 7 – Pipeline and Reservoir Operations (with WWG)	\$137,744
Task 8 – Water Accounting	\$21,357
Total	\$462,030

Special Services: There are no unique or specialized services required under this task order.



Black & Veatch Corporation

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

RRVWSP Task Order 1520 – Operational Planning, Phase 3

Effective Date – February 1, 2024

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

- I. PROJECT AND TASK ORDER BACKGROUND..... 1
- II. TASK ORDER OBJECTIVES..... 2
- III. GENERAL REQUIREMENTS..... 3
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- VII. ADDITIONAL SERVICES..... 11
- VIII. SPECIAL RESPONSIBILITIES OF OWNER..... 11
- IX. FEE..... 11
- X. PERFORMANCE SCHEDULE 11
- XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS 12
- XII. ACCEPTANCE 12

I. PROJECT AND TASK ORDER BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Program) being undertaken by the State of North Dakota (ND) will provide a supplemental water supply to eastern and central ND in the event of drought conditions in the Red River watershed and for industrial development. The Program as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, the Owner) will withdraw water from the Missouri River and/or the McClusky Canal through the Eastern North Dakota Alternative Water Supply (ENDAWS) and convey it eastward through a multi-county pipeline to the Sheyenne River, a tributary of the Red River, for direct pipeline usage and flow augmentation.
2. A Draft Operational Plan was developed in 2009 and 2010 for the Federal RRVWSP under Task Order RR-4, in conjunction with preliminary engineering, easement acquisition, and land acquisition efforts for the federal project. The Draft Operational Plan in its entirety consisted of the plan itself, an executive summary to the plan, as well as several accompanying technical memoranda, including the following:
 - A. TM1 - Data Collection
 - B. TM2 - FEIS Operational Description

- C. TM 3 - Lake Audubon and McClusky Canal Freshening Strategy
 - D. TM 4 - Infrastructure Operational Strategies
 - E. TM 5 - Baldhill Dam Operational Strategies
 - F. TM 6 - Water Accounting
 - G. TM 7 - Management Protocol
3. The complexity and magnitude of the RRVWSP required a phased approach to operational and asset management planning. Phase 1 of operational and asset management planning focused on the development of frameworks to support the effective and efficient development of Operational and Asset Management Plans. During Phase 1, a review of the previous Federal Draft Operational Plan was conducted to identify the key features that should be included in the current Project. Project governance was discussed, and committee structures were established. Project Governance will consist of three committees: the Working Committee, the Management Committee, and the Steering Committee. Garrison Diversion and the Lake Agassiz Water Authority (LAWA) also determined that ENDAWS would be considered as an alternate water source. Additionally, the features and impacts of the 2021 drought were studied, such as flow rates, reservoir levels, water quality concerns, and water loss information, to learn more about significant drought and anticipate Project operations. A technical memorandum was drafted to document Phase 1.
 4. Phase 2 of operational planning focused on the development of Protocols for governance structure, drought monitoring, and water requests for Direct Pipeline Users (DPU) and Direct River Users (DRU). Source water stability and quality were evaluated, and water management strategies were developed for utilizing ENDAWS as a secondary water source. Initial water accounting tools were created and a predictive management system roadmap was established following the completion of in-depth analysis of monitoring triggers.
 5. Phase 3 operational planning will review project goals and assumptions to outline remaining Project phases. All necessary updates and changes to Project components and infrastructure will be incorporated following the finalization of User participation agreements. Draft operational agreements and protocols for engagement with regulatory stakeholders will be finalized for endorsement. Lake Audubon and McClusky Canal refreshing strategies will be revised, James River alternative usage options developed, and ENDAWS water management strategies updated. Support will be provided to the USACE for their WCM update and the 2020 NDG&F bathymetric survey will be reviewed and incorporated into all future Project operational planning. NDDWR responses to Lake Ashtabula operational questions will be reviewed along with the implications for water appropriations and documented accordingly. Finally, the Water Accounting Model will be updated based on the USACE WCM update outcomes and the 2020 NDG&F bathymetric survey.

II. TASK ORDER OBJECTIVES

1. There are five overall objectives of this Task Order.
 1. The first objective is to update Project Operations Description and Assumptions documenting all new Project components and Branch Pipeline options based on final User participation.
 2. The second objective is to update Project Governance by creating draft Operational Agreements and Protocols for endorsement by all regulatory stakeholders as part of Project Governance.
 3. The third objective is to draft an update to Project Water Supplies that incorporates updated source water refreshing and water management strategies for ENDAWS and identifies the James River alternative usage options.
 4. The fourth objective is to update Pipeline and Reservoir Operations by supporting the U.S. Army Corps of Engineers' (USACE) water control manual (WCM) update, incorporating the 2020 Lake Ashtabula bathymetric survey conducted by the North Dakota Game and Fish Department (NDG&F) into Project operations, and updating Lake Ashtabula operations and water appropriations implications (based on North Dakota Department of Water Resources (NDDWR) responses to Project operational assumptions, Bureau of Reclamation (Reclamation) guidance, and USACE seasonal drawdown strategies.
 5. The fifth objective is to update the preliminary Water Accounting Model to incorporate all water supply and User participation adjustments.
 6. Future task orders will include the scope for more detailed operations tools based on the final protocols and draft tools developed in this task order.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional services associated with the development of the Draft Operational Plan for the RRVWSP.
3. Work outside Basic and Special Services. Engineer agrees to provide the Basic Services and Special Services identified herein. Work not specifically discussed herein as part of Basic Services or Special Services is considered Additional Services. Additional Services will only be performed with proper separate authorization such as an amendment to this Task Order or a new separate Task Order.

4. **Explicit Responsibilities.** Basic Services and Special Services explicitly set forth the Work Engineer will perform and do not implicitly put any additional responsibilities or duties upon Engineer. Deliverables to be provided are explicitly identified in this Task Order.
5. **Explicitly Identified Quantities.** Engineer in development of this Task Order estimates the level of effort required to provide the services discussed. Where specific information is listed as to the quantity of service to be provided by Engineer, those quantities listed are considered Basic Services or Special Services and are, therefore, included in this Task Order scope of service and associated fee estimate. Services exceeding the written quantities shown below in Basic Services or Special Services are considered Additional Services.

IV. BASIC SERVICES

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

- Task 1 – Task Order Management and Administration
- Task 2 – RRVWSP Planning, Review, and Direction
- Task 3 – Technical Report
- Task 4 – Operational Description and Assumptions
- Task 5 – Project Governance
- Task 6 – Water Supplies
- Task 7 – Pipeline and Reservoir Operations
- Task 8 – Water Accounting

1. **Task 1 – Task Order Management and Administration**

The overall objective of this task is to set up the project and keep the Task Order on schedule for its estimated 17-month duration (January 01, 2024 – June 30, 2025).

Engineer will provide the following services to the Owner:

- A. Provide general project management and administration tasks including communications with the Owner, coordination, and supervision of the Engineer's project team, monitoring the project schedule, monitoring the project budget, and invoicing for 17 months.

2. **Task 2 – RRVWSP Planning, Review, and Direction**

Given the complexity of the RRVWSP, the Engineer's team will expand client and Project team knowledge by conducting a detailed review of Project objectives, goals, and assumptions. The team will then draw upon their expertise to provide a clear, organized and goal-oriented way forward for all Project tasks. Engineer will provide the following services to the Owner in support of this Task:

- A. Review past project operational plans, assumptions, and technical memoranda to ensure clear guidance and future direction for all new team members.
- B. Review/Update project direction for each task and define future operation phases.

- C. Develop Placemat showing history and future for Operational Planning action items.
 - D. Develop PowerPoint showing history and future for Operational Planning action items.
 - i. Review of Placemat and PowerPoint
 - ii. Incorporate edits/changes into placemat and PowerPoint
 - iii. Complete Placemat and PowerPoint drafts
 - iv. Facilitate virtual presentation of draft Placemat and PowerPoint to Owner
 - E. Present PowerPoint to LAWA Technical Advisory Committee (TAC) and Operational Planning Subcommittee.
 - F. Present PowerPoint to LAWA/Red River Valley (RRV) Committee.
 - G. Present PowerPoint to Garrison Diversion Board.
3. **Task 3 – Final Technical Report**
- The Final Technical Report is intended to summarize Phase 3 progress and detail how each task built upon, or revised, previous Project plans, assumptions, and objectives. Engineer will provide the following services to the Owner in support of this Task:
- A. Develop a Technical Report that summarizes Phase 3 work for Tasks 4-8.
 - i. Review draft Technical Report.
 - ii. Incorporate Owner’s comments into the final Technical Report.
 - iii. Facilitate a virtual progress meeting to review the final Technical Report with Owner.
 - B. Develop a draft PowerPoint of the Technical Report.
 - i. Review the draft PowerPoint with the Owner and finalize based on review.
 - C. Present PowerPoint to LAWA Technical Advisory Committee (TAC) and Operational Planning Subcommittee.
 - D. Present PowerPoint to LAWA/Red River Valley (RRV) Committee.
 - E. Present PowerPoint to Garrison Diversion Board.
4. **Task 4 – Operational Description and Assumptions**
- Task 4 will revise operational descriptions and assumptions based on anticipated changes to Project participation and infrastructure needs. Engineer will provide the following services to the Owner in support of this Task:

- A. Review and document all new Project components or changes to RRVWSP and ENDAWS infrastructure.
 - B. Incorporate branch pipeline infrastructure options based on finalized user participation agreements.
 - C. Incorporate updates into Operational Planning-Phase 3: Final Technical Report.
5. **Task 5 – Project Governance**
Task 5 is intended to provide draft operational team agreements and protocols for endorsement by all regulatory stakeholders as part of Project Governance. Engineer will provide the following services to the Owner in support of this Task:
- A. Propose draft operational agreements and protocol with regulatory stakeholders (Bureau of Reclamation, NDDWR & USACE).
 - B. Incorporate updates into Operational Planning-Phase 3: Final Technical Report.
6. **Task 6 – Water Supplies**
This task is intended to provide updates to Lake Audubon and McClusky canal refresh strategies, James River alternative usage options, and water management strategies for the ENDAWS as a secondary water source. Engineer will provide the following services to the Owner in support of this Task:
- A. Incorporate Lake Audubon and McClusky Canal refresh strategies.
 - B. Develop James River alternative usage options.
 - C. Incorporate water management strategies utilizing the ENDAWS as a secondary water source for RRVWSP.
 - D. Draft a Technical Memorandum to incorporate analysis and findings.
 - i. Develop a draft Technical Memorandum.
 - ii. Facilitate a virtual progress meeting to review the draft Technical Memorandum with Owner.
 - iii. Incorporate Owner’s comments into the final Technical Memorandum.
 - iv. Facilitate a virtual progress meeting to review the final Technical Memorandum with Owner.
7. **Task 7 – Pipeline and Reservoir Operations**
The USACE is updating the Lake Ashtabula/Baldhill Dam WCM to incorporate necessary

changes, including Project operations. This update is projected to take two years and is set for completion in 2025. Additionally, a new Bathymetric survey of Lake Ashtabula was completed in 2020 by NDG&F. This task intends to actively support the WCM update process. Utilization strategies for Lake Ashtabula will be updated following receipt of the 2020 bathymetric survey results and Water Control Manual (WCM) update. Engineer will provide the following services to the Owner in support of this Task:

- A. Support to USACE on the WCM update for Lake Ashtabula with review and comment.
- B. Participate in quarterly meetings to discuss WCM updates.
- C. Review 2020 Lake Ashtabula bathymetric survey and update Project operations accordingly.
- D. Review and update water supply protocols based on NDDWR responses regarding Lake Ashtabula operations.
- E. Update Lake Ashtabula utilization strategies (Reclamation & USACE).
- F. Facilitate three, one-hour discussions on Lake Ashtabula drawdown strategies with Stakeholders.
- G. Draft Pipeline and Reservoir Operations Technical Memorandum
 - i. Review Draft Pipeline and Reservoir Operations Technical Memorandum.
 - ii. Facilitate virtual progress meeting to review draft Technical Memorandum with Owner.
 - iii. Incorporate edits/comments into final Technical Memorandum.
- H. Prepare and present a PowerPoint of findings in Task 6 and Task 7 to LAWA TAC and Operational Planning Subcommittee.

8. Task 8 – Water Accounting:

The Water Accounting Model developed in Phase 2 will be updated based on finalized User participation and using the 2020 USACE Bathymetric survey results. Engineer will provide the following services to the Owner in support of this Task:

- A. Incorporate Lake Ashtabula WCM and 2020 bathymetric survey updates.
- B. Adjust Accounting Model to incorporate new Users.
- C. Incorporate updates into Operational Planning-Phase 3: Final Technical Report.

V. SPECIAL SERVICES

There are no Special Services anticipated within this Task Order.

VI. DELIVERABLES

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

1. **Task 1 – Task Order Management and Administration**
 - A. **Monthly invoices and project reports.**
2. Task 2 - RRVWSP Planning, Review, and Direction
 - A. Operational Planning Placemat
 - B. Operational Planning PowerPoint Presentation
 - C. Virtual Presentation to Owner
 - D. Present PowerPoint to LAWA TAC
 - E. Present PowerPoint to LAWA/RRV Committee
 - F. Present PowerPoint to Garrison Diversion Board
3. Task 3 – Technical Report
 - A. Two Progress Meetings
 - i. PowerPoint Presentation
 - ii. Meeting Agenda
 - iii. Meeting Notes
 - B. Technical Report documenting updates from Tasks 4-8
 - C. Technical Report PowerPoint
4. Task 4 – Operational Description and Assumptions
 - A. All updates incorporated into the Phase 3 Final Technical Report
5. Task 5 – Project Governance
 - A. All updates incorporated into the Phase 3 Final Technical Report
6. Task 6 – Water Supplies
 - A. Two Virtual Progress Meetings
 - i. PowerPoint Presentation
 - ii. Meeting Agenda
 - iii. Meeting Notes
 - B. A Technical Memorandum that documents Water Supplies of the RRVWSP
7. Task 7 – Reservoir Operations
 - A. One Virtual Progress Meeting

- i. PowerPoint Presentation
 - ii. Meeting Agenda
 - iii. Meeting Notes
 - B. Three Stakeholder Discussions
 - i. PowerPoint Presentation
 - ii. Discussion Agenda
 - iii. Discussion Notes
 - C. Quarterly (six) USACE WCM Update Meetings
 - i. PowerPoint Presentation
 - ii. Meeting Agenda
 - iii. Meeting Notes
 - D. A Technical Memorandum that documents updates to Pipeline and Reservoir Operations
 - E. A PowerPoint that document the findings in Task 6 and Task 7
8. Task 8 – Water Accounting
- A. All updates incorporated into the Phase 3 Final Technical Report

VII. ADDITIONAL SERVICES

1. The professional services listed below are not included in the scope of this Task Order nor does the fee shown in Article IX include any labor and direct expenses for items identified as Additional Services. Should Owner want to include services listed under Additional Services in Engineer's scope of work, an amendment to this Task Order or execution of a separate Task Order with the new work will be necessary. The following items are specifically excluded from Basic and Special Services:
 - A. All Drought Monitoring Dashboard Development is intended for Phase 4.
 - B. Support for NDPDES permit amendment to incorporate ENDAWS.
 - C. All Predictive Model Scenario Development is intended for Phase 4.
 - D. Water Accounting Model Testing is intended for Phase 4.
 - E. Meeting support for Project stakeholders beyond what is identified in this Task Order.
 - F. Asset Management nomenclature and hierarchy development are intended for Phase 4.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

1. Interim Deliverable Review Requirements. The Owner commits to review periods for interim deliverables of no more than 30 calendar days after receipt of deliverables from Engineer.

- 2. Review comments will be provided by the Owner either electronically in the native Word file in Track Changes Mode or they will be summarized in an MS Excel worksheet or MS Word document.

IX. FEE

The total fee for Basic Services and Special Services provided under this Task Order is estimated to be \$462,030. A worksheet showing the fee estimate and level of effort by task is included in Attachment A.

X. PERFORMANCE SCHEDULE

Basic and Special Services of this Task Order will be completed by June 30, 2025.

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

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

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

Dated: _____

Dated: _____

Attachment A - Fee

DRAFT

Attachment C Fee Estimate and Level of Effort Worksheet Phase 3 (Nov 2023 - Jun 2025)															
Task	Description	LOE												Subtotal Cost	Total Cost
		Burian	\$ 285	Sesselman	\$ 225	Prelip	\$ 195	Seaver/Mowat	\$ 135	Stauss	\$ 195	Kelly	\$ 135		
1	Task Order Management and Administration	40	\$ 11,400	0	\$ -	40	\$ 7,800	0	\$ -	20	\$ 3,900	30	\$ 4,050	\$ 27,150	TRUE
A	General Project Management	40	\$ 11,400	0	\$ -	40	\$ 7,800	0	\$ -	20	\$ 3,900	30	\$ 4,050	\$ 27,150	
2	RRVWSP Planning, Review, and Direction	42	\$ 11,970	4	\$ 900	144	\$ 28,080	100	\$ 13,500	116	\$ 22,620	8	\$ 1,080	\$ 78,150	TRUE
A	Review of Past Project Operational Plans/Assumptions/Technical Memoranda	12	\$ 3,420	0	\$ -	40	\$ 7,800	16	\$ 2,160	40	\$ 7,800	0	\$ -	\$ 21,180	
B	Review/update project direction by task and for each future operational phases	8	\$ 2,280	0	\$ -	40	\$ 7,800	16	\$ 2,160	40	\$ 7,800	0	\$ -	\$ 20,040	
C	Develop Placemat showing history and future for Operational Planning action items	0	\$ -	0	\$ -	16	\$ 3,120	24	\$ 3,240	8	\$ 1,560	0	\$ -	\$ 7,920	
D	Develop PowerPoint showing history and future for Operational Planning action items	0	\$ -	0	\$ -	0	\$ -	24	\$ 3,240	8	\$ 1,560	0	\$ -	\$ 4,800	
E	Review of Placemat and PowerPoint	8	\$ 2,280	0	\$ -	20	\$ 3,900	0	\$ -	4	\$ 780	0	\$ -	\$ 6,960	
F	Incorporate edits/changes into placemat and PowerPoint	0	\$ -	0	\$ -	16	\$ 3,120	8	\$ 1,080	4	\$ 780	0	\$ -	\$ 4,980	
G	Finalize Placemat and PowerPoint	10	\$ 2,850	0	\$ -	8	\$ 1,560	8	\$ 1,080	8	\$ 1,560	0	\$ -	\$ 7,050	
H	Facilitate virtual presentation of draft Placemat and PowerPoint to Owner	1	\$ 285	1	\$ 225	1	\$ 195	1	\$ 135	1	\$ 195	8	\$ 1,080	\$ 2,115	
I	Present PowerPoint to LAWA TAC	1	\$ 285	1	\$ 225	1	\$ 195	1	\$ 135	1	\$ 195	0	\$ -	\$ 1,035	
J	Present PowerPoint to LAWA/RRV Committee	1	\$ 285	1	\$ 225	1	\$ 195	1	\$ 135	1	\$ 195	0	\$ -	\$ 1,035	
K	Present PowerPoint to Garrison Diversion Board	1	\$ 285	1	\$ 225	1	\$ 195	1	\$ 135	1	\$ 195	0	\$ -	\$ 1,035	
3	Technical Report	35	\$ 9,975	20	\$ 4,500	90	\$ 17,550	138	\$ 18,630	1	\$ 195	20	\$ 2,700	\$ 53,550	TRUE
A	Develop draft Technical Report summarizing work completed in Tasks 4-8	0	\$ -	0	\$ -	40	\$ 7,800	40	\$ 5,400	0	\$ -	0	\$ -	\$ 13,200	
B	Review Draft Technical Report	8	\$ 2,280	8	\$ 1,800	0	\$ -	0	\$ -	0	\$ -	0	\$ -	\$ 4,080	
C	Incorporate edits/comments into final Technical Report	0	\$ -	0	\$ -	16	\$ 3,120	40	\$ 5,400	0	\$ -	0	\$ -	\$ 8,520	
D	Facilitate virtual progress meeting to review final Technical Report with Owner	1	\$ 285	1	\$ 225	4	\$ 780	8	\$ 1,080	1	\$ 195	2	\$ 270	\$ 2,835	
E	Develop draft PowerPoint of Technical Report	0	\$ -	0	\$ -	20	\$ 3,900	40	\$ 5,400	0	\$ -	0	\$ -	\$ 9,300	
F	Review draft PowerPoint with Owner, revise, and finalize	8	\$ 2,280	4	\$ 900	0	\$ -	0	\$ -	0	\$ -	16	\$ 2,160	\$ 5,340	
G	Present PowerPoint to LAWA TAC	8	\$ 2,280	1	\$ 225	4	\$ 780	4	\$ 540	0	\$ -	2	\$ 270	\$ 4,095	
H	Present PowerPoint to LAWA/RRV Committee	4	\$ 1,140	4	\$ 900	4	\$ 780	4	\$ 540	0	\$ -	0	\$ -	\$ 3,360	
I	Present PowerPoint to Garrison Diversion Board	6	\$ 1,710	2	\$ 450	2	\$ 390	2	\$ 270	0	\$ -	0	\$ -	\$ 2,820	
4	Operational Description and Assumptions	48	\$ 13,680	4	\$ 900	60	\$ 11,700	176	\$ 23,760	0	\$ -	0	\$ -	\$ 50,040	TRUE
A	Document all new components or changes in RRVWSP and ENDAWS infrastructure	24	\$ 6,840	0	\$ -	24	\$ 4,680	60	\$ 8,100	0	\$ -	0	\$ -	\$ 19,620	
B	Incorporate Branch Pipeline Infrastructure options based on user participation changes	24	\$ 6,840	4	\$ 900	24	\$ 4,680	100	\$ 13,500	0	\$ -	0	\$ -	\$ 25,920	
C	Incorporate updates into Operational Planning-Phase 3: Final Technical Report	0	\$ -	0	\$ -	12	\$ 2,340	16	\$ 2,160	0	\$ -	0	\$ -	\$ 4,500	
5	Project Governance	40	\$ 11,400	0	\$ -	64	\$ 12,480	36	\$ 4,860	0	\$ -	0	\$ -	\$ 28,740	TRUE
A	Propose draft operational agreements and protocols for regulatory Stakeholder endorsement (Bureau of Reclamation, NDDWR & USACE)	40	\$ 11,400	0	\$ -	48	\$ 9,360	20	\$ 2,700	0	\$ -	0	\$ -	\$ 23,460	
B	Incorporate updates into Operational Planning-Phase 3: Final Technical Report	0	\$ -	0	\$ -	16	\$ 3,120	16	\$ 2,160	0	\$ -	0	\$ -	\$ 5,280	
6	Water Supplies	32	\$ 9,120	1	\$ 225	80	\$ 15,600	140	\$ 18,900	27	\$ 5,265	10	\$ 1,350	\$ 50,460	TRUE
A	Update Lake Audubon and McClusky Canal refresh strategies	8	\$ 2,280	0	\$ -	8	\$ 1,560	24	\$ 3,240	8	\$ 1,560	0	\$ -	\$ 8,640	
B	Develop James River alternative usage options	8	\$ 2,280	0	\$ -	8	\$ 1,560	24	\$ 3,240	8	\$ 1,560	0	\$ -	\$ 8,640	
C	Update water management strategies utilizing ENDAWS as secondary water source for RRVWSP	8	\$ 2,280	0	\$ -	16	\$ 3,120	16	\$ 2,160	8	\$ 1,560	0	\$ -	\$ 9,120	
D	Develop a draft Technical Memorandum	0	\$ -	0	\$ -	24	\$ 4,680	24	\$ 3,240	0	\$ -	0	\$ -	\$ 7,920	
E	Review of draft Technical Memorandum	6	\$ 1,710	0	\$ -	0	\$ -	0	\$ -	1	\$ 195	8	\$ 1,080	\$ 2,985	

F	Facilitate virtual progress meeting to review draft Technical Memorandum with Owner	1	\$ 285	0	\$ -	4	\$ 780	12	\$ 1,620	1	\$ 195	1	\$ 135	\$ 3,015	
G	Incorporate edits/comments into final Technical Memorandum	0	\$ -	0	\$ -	8	\$ 1,560	16	\$ 2,160	0	\$ -	0	\$ -	\$ 3,720	
H	Facilitate virtual presentation of final Technical Memorandum to Owner	1	\$ 285	1	\$ 225	12	\$ 2,340	24	\$ 3,240	1	\$ 195	1	\$ 135	\$ 6,420	
7	Pipeline and Reservoir Operations	60	\$ 17,100	11	\$ 2,475	202	\$ 39,390	186	\$ 25,110	33	\$ 6,435	5	\$ 675	\$ 91,185	FALSE
A	Support USACE Lake Ashtabula WCM Update: Review & Comment	16	\$ 4,560	0	\$ -	64	\$ 12,480	24	\$ 3,240	16	\$ 3,120	0	\$ -	\$ 23,400	
B	Quarterly Meetings to discuss WCM updates	8	\$ 2,280	0	\$ -	16	\$ 3,120	16	\$ 2,160	0	\$ -	0	\$ -	\$ 7,560	
C	Review 2020 Lake Ashtabula bathymetric survey and update Project operations accordingly	8	\$ 2,280	0	\$ -	16	\$ 3,120	20	\$ 2,700	0	\$ -	0	\$ -	\$ 8,100	
D	Review/Update Lake Ashtabula operations water appropriations implications (NDDWR Responses)	12	\$ 3,420	0	\$ -	24	\$ 4,680	16	\$ 2,160	0	\$ -	0	\$ -	\$ 10,260	
E	Update Lake Ashtabula utilization strategies (Reclamation & USACE)	4	\$ 1,140	0	\$ -	10	\$ 1,950	16	\$ 2,160	8	\$ 1,560	0	\$ -	\$ 6,810	
F	Facilitate three, one-hour discussions on Lake Ashtabula drawdown strategies with stakeholders	3	\$ 855	3	\$ 675	4	\$ 780	6	\$ 810	0	\$ -	3	\$ 405	\$ 3,525	
G	Develop draft Technical Memorandum	0	\$ -	0	\$ -	36	\$ 7,020	24	\$ 3,240	0	\$ -	0	\$ -	\$ 10,260	
H	Review draft Technical Memorandum	4	\$ 1,140	4	\$ 900	0	\$ -	16	\$ 2,160	8	\$ 1,560	0	\$ -	\$ 5,760	
I	Facilitate virtual progress meeting to review draft Technical Memorandum with Owner	1	\$ 285	1	\$ 225	8	\$ 1,560	8	\$ 1,080	0	\$ -	1	\$ 135	\$ 3,285	
J	Incorporate edits/comments into final Technical Memorandum	0	\$ -	2	\$ 450	16	\$ 3,120	16	\$ 2,160	0	\$ -	0	\$ -	\$ 5,730	
K	Prepare and present PowerPoint of findings in Task 6 and Task 7 to LAWA TAC and Operational Planning Subcommittee	4	\$ 1,140	1	\$ 225	8	\$ 1,560	24	\$ 3,240	1	\$ 195	1	\$ 135	\$ 6,495	
8	Water Accounting	8	\$ 2,280	0	\$ -	76	\$ 14,820	24	\$ 3,240	0	\$ -	0	\$ -	\$ 20,340	TRUE
A	Incorporate Lake Ashtabula WCM and 2020 bathymetric survey updates	0	\$ -	0	\$ -	24	\$ 4,680	8	\$ 1,080	0	\$ -	0	\$ -	\$ 5,760	
B	Adjust Model to incorporate new Users	8	\$ 2,280	0	\$ -	40	\$ 7,800	0	\$ -	0	\$ -	0	\$ -	\$ 10,080	
C	Incorporate updates into Operational Planning-Phase 3: Final Technical Report	0	\$ -	0	\$ -	12	\$ 2,340	16	\$ 2,160	0	\$ -	0	\$ -	\$ 4,500	
														Total Operational Planning	\$ 399,615
															Total With WWG - \$439,615
															Total With BV Markup - \$462,030

**RRVWSP Task Order 5340 – Transmission Pipeline East, Contract 4
 Final Design Services and Bidding Assistance**

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

REQUEST

Consideration and approval of a final design and bidding assistance task order in the amount of \$7,183,000 for the Red River Valley Transmission Pipeline’s Contract 4 pipeline. The Task Order takes 30-percent plans and specifications to final documents for public bidding. The bulk of the services included in this Task Order will begin in February 2024 and finish by December 2025. Bidding assistance schedules may extend past that finish date as construction projects move forward to the bid phase funding dependent. These professional services are provided on an hourly basis; the fee is an estimate based on the scope and nature of the work and an approximate 24-month schedule.

TASK ORDER SUMMARY

The services to be provided by the engineering team (Black & Veatch, AE2S, Ulteig, Materials Testing Services, and Prairie Soil Consulting) are fully described in the attached Task Order. The following summarizes each of the major tasks.

Basic Services: The estimated hourly fee and expenses for standard and customary design services and bidding assistance are as follows, for a construction project with a capital cost expected to be north of \$200 million (72-inch pipe):

	Fee	% of Const
Task Order Management and Administration	\$571,725	0.29%
Special Project and Third-Party Meetings	\$297,108	0.15%
Landowner Communication and Easement Modifications	\$190,440	0.10%
Field Services	\$1,662,972	0.83%
Final Design Services (30-percent documents to final plans and specifications)	\$3,992,423	1.99%
Contract 4A Bid Assistance (advertisement, bidding, pre- and post-award services)	\$156,111	0.08%
Contract 4B Bid Assistance (advertisement, bidding, pre- and post-award services)	\$156,111	0.08%
Contract 4C Bid Assistance (advertisement, bidding, pre- and post-award services)	\$156,111	0.08%
Totals	\$7,183,000	3.60%

Special Services: There are no unique or specialized services required under this task order.

PROJECT OVERVIEW

A map showing the location of the project is included in the background information of the attached Task Order. Contract 4 begins four miles east of Hurdsfield, ND at 4th Street NE and 33rd Avenue NE and extends 27 miles east to 57th Avenue NE. Elements of the design project are:

- Surveying services for easement changes and topographic delineation as required
- Coordination and consultation with USACE on its reassessment of jurisdictional wetlands considering the recent SCOTUS ruling as it pertains to WOTUS
- Crossings and other permitting assistance
- Updating the hydraulic model for the hybrid ENDAWS/RRVWSP system, distributing demands along the pipeline, and documenting that effort in a system hydraulics report
- Expanded geotechnical and geo-hydraulic investigation with 75 borings, slug testing, laboratory testing of soil samples, and reporting
- Design of 27-miles of 72- to 84-inch pipe, with an impressed current corrosion protection system
- Up to twenty 96- to 108-inch dia trenchless crossings in total (19 wetland, 1 state highway); other crossings will be open cut; buried PVC raceway for future fiber optic cable (in tunnel casings only)
- Strict stripping, stockpiling, and replacement of topsoil/subsoil to facilitate easement restoration

RRVWSP Task Order 5340 – Transmission Pipeline East, Contract 4
Final Design Services and Bidding Assistance

Task Order Effective Date: February 1, 2024

TASK ORDER EXECUTIVE SUMMARY

RISK CONSIDERATIONS

Tunneling has a variety of uncertainties and risks beyond those of open-cut pipeline installation. To mitigate Garrison Diversion’s exposure to some of these risks, a two-part geotechnical investigation/report – a geotechnical data report and a geotechnical baseline report – are included as Contract Documents outlining the conditions the Contractor should expect when tunneling (i.e., the baseline). All contractors will be bidding the same baseline conditions with similar assumptions.

A high groundwater table and varying soil conditions of glacial geology pose certain risks during both open-cut and trenchless construction. To mitigate Garrison Diversion’s exposure to some of those risks, additional field work and geotechnical borings are included to better define soil and groundwater conditions along the 27-mile alignments. Prospective contractors will benefit from this more detailed information with less uncertainty and lower risk when they plan for project execution and ultimately design and install their dewatering systems.



Black & Veatch Corporation

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

**RRVWSP Task Order 5340 – Transmission Pipeline East, Contract 4
Final Design Services and Bidding Assistance**

Effective Date – February 1, 2024

Content of this Task Order is as follows:

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I. PROJECT BACKGROUND

1. The Red River Valley Water Supply Project (RRVWSP, the Project) will provide a supplemental water supply to eastern and central North Dakota (ND) in the event of drought conditions in the Red River watershed. The Project as envisioned by the Garrison Diversion Conservancy District (Garrison Diversion, the Owner) will also supply additional water to support industrial development as well as provide an environmental benefit to local rivers during drought conditions by augmenting natural stream flows. The source water will be withdrawn from the McClusky Canal and conveyed to a new biota water treatment plant (biota WTP). A multi-county pipeline will then convey flows from the WTP roughly 125 east to the Sheyenne River. Lake Ashtabula located downstream will provide storage allowing for controlled releases to the Red River Valley when flow augmentation is needed.

2. Professional services for final design of the Project will be accomplished through the execution of multiple task orders for design and associated activities as well as for engineering services during construction. A Preliminary Design Report (PDR) prepared by Engineer and authorized by

Owner under previously executed Task Orders will be the foundation on which design Project elements will be based.

3. This Task Order is for final design of an approximate 27-mile pipeline segment called Contract 4. The outcome of this Task Order will be a 100-percent complete design organized into up to three bid packages ready for public advertisement and solicitation of bids from pipeline general contractors.
4. The award of a construction contract to Contractor(s) to build the Engineer-designed pipeline will depend on future project funding. If funding is not available to build the entire Contract 4 transmission main, it may be bid in separate and smaller packages. Trenchless crossings will be included with the respective open-cut portion(s) of the contract.

II. TASK ORDER OBJECTIVES

1. The alignment and limits of the pipeline being designed under this Task Order are shown in **Attachment A**. Contract 4 starts approximately 4 miles east of Hurdsfield at 33rd Avenue Northeast and terminates 27 miles east at the intersection of 57th Avenue Northeast and 1st Street Northeast. In addition to the 27 miles of new pipeline, Contract 4 includes an anticipated 20 trenchless crossings shown in Table 1 and on **Attachment A**. The final number of trenchless crossings is subject to change given a new Waters of the United States (WOTUS) rule is being promulgated by the U.S. Army Corp of Engineers (USACE) with respect to jurisdictional wetlands. New jurisdictional determinations will be sought from USACE with the objective of obtaining non-jurisdictional determinations in some instances rather than previous jurisdictional determinations thereby deleting associated tunnels and lessening capital costs. The planned trenchless crossing are as follows:

Approximate Starting Station ¹	Type of Crossing	Approximate Length (ft) ¹	Approximate Depth to Top of Casing (ft)
4740+00	JD Wetland and road	110	14
4911+00	JD wetland	240	16
4930+00	JD Wetland	670	18
4941+00	JD Wetland	120	14
5135+00	JD Wetland	170	15
5150+00	JD Wetland	340	17
5155+00	Paved Road (Hwy 52)	170	16
5173+00	JD Wetland	280	14
5204+00	JD Wetland	80	16
5253+00	JD wetland	130	14
5288+00	JD Wetland	70	14
5335+00	JD Wetland	150	14
5355+00	JD Wetland	330	14
5393+00	JD & FWS Wetland	290	13
5416+00	JD Wetland	210	14
5475+00	JD Wetland and road (49 th Ave NE)	210	14
5527+00	JD Wetland	120	14
5575+00	JD wetland	410	15
5728+00	JD Wetland	80	13

Approximate Starting Station ¹	Type of Crossing	Approximate Length (ft) ¹	Approximate Depth to Top of Casing (ft)
5860+00	JD Wetland	150	14
Totals			
<u>Notes:</u> 1. The starting stationing and length of tunnels will likely change as design is finalized. Data shown is approximate and based on the PDR. Any alignment change (horizontal and/or vertical) would affect locations and lengths of tunnels. 2. Design of additional tunnels not shown above will be Additional Services. Some tunnels may be eliminated based on the outcome of negotiations with county and township officials; or newly jurisdictional determination by the USACE.			

Table 1 – Locations and Length of Trenchless Crossings

2. Routing of the pipeline from the McClusky Canal to the Sheyenne River was developed during preliminary design of the RRVWSP and subsequent efforts associated with the Eastern North Dakota Alternate Water Supply (ENDAWS) project. The final design of Contract 4 will follow this route, but some minor changes to the route are anticipated as part of the final design process.
3. Preparation of easement agreements and associated exhibits along with easement negotiations and acquisition are included in other task orders (i.e., Task Orders 7310 and 7410, which are the applicable land services authorizations from previous biennia).
4. This Task Order includes the scope of geotechnical investigations required to support the final design. Where possible, soil borings conducted as part of the 2010 design efforts were incorporated in the geotechnical analysis where the borings were sufficiently close to the current pipeline alignment. Geotechnical reports will be prepared under this Task Order. These reports include a Geotechnical Report for the open-cut pipeline, including guidance for handling and discharging groundwater, and a Geotechnical Data Report (GDR) and a Geotechnical Baseline Report (GBR) for the trenchless crossings being designed hereunder. The GDR and GBR will be Contract Documents (CDs). The GDR will include facts gathered during the project investigation and will be prepared to summarize the subsurface information collected under this Task Order as well as summarize the information gathered under the 2010 geotechnical investigation. The GBR establishes a single-source document where contractual statements describing the geotechnical conditions anticipated to be encountered during construction can be found. The GBR will be prepared in this Task Order during the design document preparation since it depends on the design being significantly advanced. The GDR will be prepared by Engineer’s consultant, Materials Testing Services, LLC, of Minot, North Dakota, and the GBR will be prepared by Engineer.
5. A preliminary sheet list identifying the drawings to be produced under this task order is included as **Attachment B**.
6. A preliminary specification list, including front-end or Division 0 specifications, identifying specifications to be produced under this task order is included as **Attachment C**.
7. The pipeline will be an approximate 72-inch diameter steel pipeline primarily installed with cut-and-cover methods; however, final diameter of pipeline may change depending upon results of an updated hydraulic analysis considering flow variations and specific demand allocations.

III. GENERAL REQUIREMENTS

1. Under this Task Order, Engineer will provide services in accordance with the Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008 (Agreement).
2. General Description of Activities. The Basic Services to be performed by Engineer consist of professional design services associated with development of CDs for installation of a multi-county water supply pipeline in east central ND.
3. Construction Procurement. CDs developed by Engineer will be of sufficient detail for the Owner to obtain bids through a conventional bidding process (design-bid-build). CDs will be prepared assuming no more than three construction packages – Contracts 4A, 4B, and 4C – with length of each segment dependent upon funding and contractor’s ability to complete the work within the desired number of construction seasons.
4. 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.
5. Explicitly Identified Quantities. Engineer in development of this Task Order estimates the level of effort required to provide the services discussed. Where specific information is listed as to the quantity of service to be provided by Engineer, those quantities listed are considered Basic Services or Special Services and are, therefore, included in this Task Order scope of service and associated fee estimate. Services exceeding the written quantities shown below in Basic Services or Special Services are considered Additional Services.
6. Capital Cost Opinions. All opinions of probable construction cost developed will generally follow the recommendations of the Association for the Advancement of Cost Engineering (AACE) International Recommended Practice No. 18R with regard to methodology and accuracy. The cost opinions’ level of accuracy presented by Engineer for the various deliverables will be as noted in subsequent paragraphs of this Task Order.
7. Document Production Standards and Procedures. Engineer will prepare CDs using the 50-division, three-part Construction Specifications Institute (CSI) format for technical specifications; Engineer’s drawing standards; and Engineer’s design procedures and criteria, AutoCAD drafting standards, and standard construction details.

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 Project and Third-Party Meetings
- Task 3 – Landowner Communication and Easement Modifications

- Task 4 – Field Services
- Task 5 – Final Design Services
- Task 6 – Bidding Assistance

1. **Task 1 – Task Order Management and Administration**

This task includes overall management and development of a Project Management Plan specific to the Work. The overall objective of this task is to keep the Task Order on schedule and on budget.

- A. **Project 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.
- B. **Administration.** 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 the Owner.
- C. **Progress Reports.** Prepare for the Owner progress reports that identify the Work that has been performed, work activities anticipated, and action items required of the Owner. Identify variances or potential variances from the Task Order's Basic and Special Services. The reports will be in the Engineer's standard format unless the Owner requires otherwise.
- D. **Schedule Updates.** Engineer will prepare a baseline Gantt chart schedule. The schedule will be updated comparing actual progress by task/subtask to the baseline schedule.
- E. **Management of Subconsultants.** Engineer will monitor subcontractor progress, review and approve invoices, oversee adherence to the approved quality assurance/quality control (QA/QC) plan, monitor adherence to document preparation standards, and generally oversee subconsultants' performance.

2. **Task 2 – Special Project and Third-Party Meetings**

The overall objective of this task is to keep stakeholders apprised of Task Order status and to provide a forum for stakeholder input. Engineer will prepare an agenda and provide meeting notes as appropriate documenting discussions and action items. The following meetings are anticipated:

- A. **Special Project Meetings**
 - i. **Task Order Initiation Meeting.** Engineer will conduct a Task Order Initiation Meeting with the Owner and subconsultants to review the overall approach for final design and bidding assistance. Another objective of this meeting will be to finalize the approach to gaining entry to landowner parcels for investigatory purposes, which are going through eminent domain proceedings. Additionally, coordinate with Owner regarding landowner notifications for parcels with signed easements. Landowner notifications will be for the purpose of obtaining either survey, geotechnical, or other design data.

- ii. Post Field Investigation Alignment Update and Virtual Workshop. A virtual workshop will be held with the Owner after supplemental field work has been completed and after initial discussions have been undertaken with local officials and landowners. The impact of field findings and/or negotiations with landowners on the pipeline alignment and appurtenance locations will be discussed. The outcome of the meeting will be to identify any potential alignment changes to the previously completed 30-percent design. An updated set of alignment drawings will be prepared before the meeting and finalized during the workshop.

B. Third-Party Meetings

- i. Stakeholder Meetings. Engineer will attend and present Project information for meetings with the LAWA Technical Advisory Committee (TAC). One meeting is expected to present the final design.
- ii. Design Meetings for Utility Coordination. Engineer will schedule and meet with ND Department of Transportation (NDDOT) area office and/or the local county, railroads, and utilities that own parallel easements or easements that the pipeline will cross. Engineer will provide summary notes of meetings. The following utility coordination meetings are anticipated.
 - (a) One meeting with NDDOT
 - (b) One meeting each will be held with the county commission or designated representative(s) of Wells County.
 - (c) One meeting for each impacted township with the elected officials if desired by that township.
 - (d) One meeting will be held with each of the electric/communications utilities impacted. This scope item assumes there will be three electric/communications crossings.
 - (e) One meeting will be held each of the pipeline companies impacted. There are expected to be:
 - (i) Rural Water Providers
 - (ii) One other Utility

3. Task 3 – Landowner Communication and Easement Modifications

- A. Landowner Notifications. This segment of pipeline covers 56 separate tracts with 36 individual property owners. 36 tracts with 19 individual landowners do not have an easement. Engineer will support Garrison Diversion’s communications with individual landowners for the purposes of gaining access for the soil borings by developing geographic information system (GIS) graphics and other supporting documentation.

- B. Landowner Coordination. Provide engineering team support to Owner to meet with landowners as required for the purposes of establishing the final pipeline alignment and for establishing fixed locations of appurtenances for incorporation into the CDs developed during the final design phase.
- C. Modifications to Signed Easements. Easements have been, or will be, obtained under a separate land services Task Order. The purpose of this subtask to account for revisions to these executed easements due to rerouting of the pipeline for design or other reasons. Engineer will:
 - i. Revised Certificates of Survey. Prepare revised Certificates of Survey to include:
 - (a) Legal description of the new easement,
 - (b) Bearings and distances of the new easement tied to the Public Land Survey System (PLSS), and
 - (c) Resigning and resealing revised Certificates of Survey by a licensed surveyor.
 - ii. Revised Easement Documentation. Provide revised easement document for Garrison Diversion to file in respective County Recorder's office in compliance with North Dakota Century Code.
 - iii. GIS Updates. Provide GIS updates to the GDCD data for the revised easements.

This scope of work assumes a total of up to six revised Certificates of Survey for this segment.

4. Task 4 – Field Services

- A. Soil Borings. A geotechnical investigation will be completed by Engineer's consultant will consist of approximately 75 soil borings at an average depth of 34 feet. The soil borings will support the final design of the open-cut and tunneled portions of Contract 4. In addition, various soil resistivity and corrosivity tests will be completed to support the design. **Attachment D** presents a table showing the proposed soil borings, soil boring depths, and the tests associated with each boring. Ground surveys will be completed to locate the boring and to confirm that actual location of drilling so that they can accurately be placed on drawings and documented in geotechnical reports.
- B. Limited Topographic Surveying. Where necessary to reduce change order risk by more precisely locating utilities crossing or paralleling the proposed pipeline alignment, provide limited field surveys to establish horizontal coordinates and vertical elevations of utilities and other topographic features impacting pipeline design. For the purpose of fee development, this task assumes four surveys.
- C. Stray Current Field Investigations. Where necessary to mitigate DC stray currents from foreign systems or induced AC voltages at proposed high-voltage power lines crossings, provide field investigations to support detailed modeling of soil and crossing

appurtenances. Model will be used to simulate induced alternating current (AC) potentials and current densities in support of the final design of the Project's pipeline corrosion protection system. Develop and submit a report documenting the findings and conclusions of the field investigation and simulations. For the purpose of fee development, this task assumes one stray current analysis will be completed.

- D. Alignment Site Visits. The design engineers will visit the 27-mile alignment before beginning work on the 60-percent deliverable. The purpose of the site visit is to verify and document existing facilities along the alignment, evaluate potential constructability issues, and document potential construction access locations along the alignment. This task will be done current with the Post Field Investigation Alignment Workshop discussed above.
- E. Jurisdictional Wetlands Review and Consultation. Jurisdictional determinations were completed by USACE for previously delineated wetlands along the RRVWSP transmission main alignment. As part of this task order, Consultant will work with the USACE to gain reauthorization of the previously completed Jurisdictional determinations. Reauthorization will consist of coordination with the USACE on previously prepared documents. This work will be completed on time and materials basis at a cost of up to \$75,000. Level of effort that exceeds this amount will be completed as Additional Services.

5. Task 5 – Final Design Services

The purpose of final design is to develop CDs by which the Owner will select Contractor(s) to build the desired facilities. Engineer will provide final design services and CDs for the recommended pipeline alignment shown in **Attachment A**. The CDs will be prepared for the purposes of obtaining competitive bids, selection of the lowest and best bid, and construction of the Work. Intermediate deliverables will be prepared and submitted to the Owner upon development of the 60-, 90-, and 100-percent design completion stages. Final CDs will be prepared for bidding purposes.

- A. Design Team Conference Calls. Engineer will schedule and lead conference calls with the Owner to review overall progress, exchange ideas and information, and coordinate activities with other task orders. Calls will be scheduled, and content organized, to coincide with other Task Orders for efficient utilization of staff time. Assuming an 18-month schedule, up to 12 calls will be held with the Owner.
- B. Design Guidance Manual Minor Update. A Design Guidance Manual was previously developed under Task Order 5330; it will be used to guide this design. It will be updated to capture changes to the design approach made by the Owner and its engineering team and re-issued.
- C. Geotechnical Baseline Report. Engineer will develop a GBR for the trenchless crossings of this pipeline segment. A draft report will be furnished for review and comment. Upon disposition of Owner comments concerning the draft report, a final report will be furnished. The GBR will be a CD.

- D. Geotechnical Design Memorandum/Geotechnical Data Report. Engineer will develop a memorandum for internal use by Engineer that contains design requirements and geotechnical recommendations for open-cut design and the geotechnical data for the trenchless crossings. The geotechnical design memorandum will not be made available to bidders. A Geotechnical Data Report (GDR) developed by Engineer's geotechnical consultant will be developed for the trenchless crossings of this segment. The GDR will be furnished to bidders, and it will be considered a CD. Engineer will prepare a separate GDR encompassing the information of its Consultant's GDR and information obtained from previous geotechnical investigations completed by Engineer and Owner along the alignment going back as far as 2010
- E. Soils Classifications and Quantities. Engineer using a ND-licensed professional soil classifier will characterize topsoil and subsoil along the alignment. The professional soil classifier will review applicable excavation and trenching, easement restoration, and vegetative technical specifications providing comments to Engineer to incorporate into the CDs. Soil layer thickness will be estimated from ND soil surveys and augmented by Consultant with limited field investigations. Thicknesses will be used to compute stripping and stockpiling Bid Form quantities. Provide a technical memorandum documenting the soil classification work completed and the findings of that effort.
- F. Utility Coordination. Engineer will perform utility coordination services, including identifying utility conflicts and facilitating the resolution of utility conflicts. It is expected that the pipeline will be below existing utilities so that the Utility Coordination will consist of identification and coordination but not relocation. Engineer will perform the following activities:
- i. Provide initial notification letters for Owner to send to affected utility companies, owners, and other concerned parties, as applicable.
 - ii. Engineer will develop a utility contact list with information such as: (a) owner's name; (b) contact person; (c) telephone numbers; (d) emergency contact number; (e) e-mail addresses; and (f) other pertinent information concerning affected utilities and facilities.
 - iii. Advise utility companies and owners of the general characteristics of the Work and provide an illustration of the Project footprint for delineation of the utilities/facilities that are located in the Project area.
 - iv. Maintain a utility layout in AutoCAD. This layout will include existing utilities that are to remain in place or be abandoned and adjusted/relocated utilities.
 - v. Review utilities adjustment proposals in the event that the pipeline cannot be installed under the existing utilities.

G. Subsurface Utility Engineering

- i. Provide subsurface utility engineering (SUE), utility designating, and locating surveys along the proposed pipeline alignment in areas where utility marking services are available. The subsurface utility surveys will be a combination of Utility Quality Level A, B, and C, depending on the specific utility, as defined in CI/ASCE 38. Vertical elevations of sewers and drains, as applicable, will be taken at manholes and inlets.
- ii. Up to five vacuum excavations or potholes no deeper than 10 feet will be excavated at proposed utility crossings and other locations to better define locations of utilities or other potential conflicts where field-discovered conflicts will adversely impact pipeline installation. Potholes/vacuum excavations will mostly be needed in the event of open cutting across roads instead of tunneling. The cost of the potholes/vacuum excavations will be paid to the utility locating contractor directly by the Owner.

H. Utility Relocations Coordination. Few conflicts between the pipeline and water and sewer lines, as well as minor drainage structures and irrigation facilities, are anticipated due to the depth of the pipeline. The scope assumes that the utility owners will design relocations and will then be paid by directly by the Owner. Relocations will be scheduled for completion in advance of pipeline excavation and installation.

- i. If relocation designs are prepared by the utility owners, they will be coordinated with the RRVWSP and reviewed by Engineer for compatibility with the work proposed.
- ii. If drain tiles need to be relocated or field modified as part of pipeline construction, engineering services will be addressed as Additional Services.

I. Permitting. This subtask encompasses applicable governmental approvals, including NDDOT, counties, townships, railroad (BNSF – property, no existing tracks), and utility permits and approvals necessary to construct the pipeline. The Task Order assumes that the pipeline will be constructed under a Nationwide No. 12 Permit using the non-notification approach. Thus, the pipeline will comply with overall federal permit requirements, but an actual federal permit will not be required.

- i. Engineer will obtain in conjunction with the Owner necessary approvals from the appropriate utilities, city, county and state agencies having jurisdiction over the Work.
- ii. Engineer will prepare a permitting schedule identifying action items, decision points, milestones, reviews, and approvals required to complete permitting. Engineer will communicate status of permits to Owner.
- iii. Contractor-Provided Permits. Engineer will provide in the CDs a list of the permits that must be obtained by the Contractor. Based upon preliminary design, it is understood that the following permits, at a minimum, will be the responsibility of the Contractor:
 - Erosion and sediment control; land disturbance; stormwater permits
 - Dewatering operations discharge

iv. Owner-Provided Permits

(a) Engineer will provide assistance to the Owner in obtaining the following permits from government agencies, utilities, pipeline companies, and other entities as noted below:

- NDDOT highway crossing (HWY 200)
- BNSF property crossing
- County road closing/detours
- Local electric and telecommunications crossings. Scope assumes up to three separate utilities.
- County road crossings
- Township road crossings

(b) Assistance provided by Engineer for the above listed permits will include:

- (i) Preparation of applications, exhibits, drawings, and specifications ready for the Owner's execution and transmittal.
- (ii) Furnishing additional information about the Project's design, as required by the permitting authority.

J. Pipeline Corrosion Protection System Services. RRWSP, Technical Memorandum No. 12, Task Order 5 – Pipeline Preliminary Design dated February 12, 2010, summarized field data collected from geotechnical investigations conducted during pipeline preliminary design. Evaluation of soil corrosivity and corrosion risks posed to the pipeline from buried pipelines crossing the proposed alignment and overhead high voltage power lines crossing or paralleling the pipeline proposed alignment were completed. The memorandum recommended a multi-pronged approach to pipeline corrosion protection, including pipe coatings and an impressed-current corrosion protection system.

- i. Supplemental soil resistivity data will be collected in conjunction with geotechnical investigation described above. Additional soil resistivity data will be gathered at reduced intervals to support the detailed design of the pipeline corrosion protection system. Deep soil resistivity data will be collected at proposed deep well anode system locations.
- ii. Stray current field investigations for the Project element will be completed as indicated in the Field Services article of this Task Order. Prepare report as indicated in the Field Services article of this Task Order documenting field investigations and simulations at the crossing. A mitigation design will be developed and incorporated into the corrosion protection system drawings based on the simulations.
- iii. Engineer will formulate an approach and develop in detail the Project's corrosion protection system in accordance with the Corrosion Protection Design Guide (CPDG) prepared under Task Order 5310. The corrosion protection system will be based on an impressed current design. Engineer will also develop drawings and specifications for

the corrosion protection system incorporating them into the Project's CDs for the element covered by this Task Order. Drawings and specifications will be developed for 60-, 90, and 100-percent design deliverables. The 60-percent deliverable consists of design of the essential components of the corrosion protection system and identification of field investigation locations indicated in the Field Services article of this Task Order. Stray current mitigation design and impacts of detailed pipeline design will be incorporated into the 90-percent deliverable. Final client comments will be incorporated into the 100-percent deliverable. In addition, the Project element's corrosion protection system design will provide stand-alone corrosion protection for idle Project elements while subsequent pipeline segments are constructed.

- K. System Hydraulic Model Update and Refinement. The Project's hydraulic and surge-transient models were primarily generated during development of the PDR. Several refinements and scenario analyses have been completed since then. Garrison Diversion is now considering relocating the hydraulic break tanks west into the ENDAWS segments of the transmission pipeline, which are higher in elevation allowing gravity flow in a longer segment of the pipeline. There is also consideration of delivering more flow to Lake Ashtabula due to changes in the lake's geomorphology. Finally, the location for withdrawals by direct pipeline users can now be refined from previous broad assumptions used in the PDR. In the previous PDR analyses, 25 cubic feet per second (cfs) was diverted from the main transmission main just east of the James River for central North Dakota users. The remaining flow of 140 cfs was conveyed from the James River to the Sheyenne River Outfall through a 72-inch pipe. The Owner now wants to examine options for conveying the peak Project capacity from the James River to the Sheyenne River Outfall – 165 cfs or greater. As the final pipeline alignment (both horizontal and vertical) is established for Contract 4 as well as Contracts 6 and 7, it will be necessary to update models and evaluate the impact of changes made to the alignment on hydraulic capacity. Owner seeks to optimize the alignment and pipeline diameter to convey the highest possible flow, which Engineer's hydraulic analyses will seek to achieve.
- i. Hydraulic Modeling and Scenario Analyses. Engineer will update the Project's hydraulic model with the final design alignment of Contracts 5 and the current alignments for Contracts 4, 6, and 7 that are at various completion states along with various flow and demand scenarios. Verify through modeling that flows delivered to the Sheyenne River Outfall meet design criteria. Operating pressures for pipeline wall design will also be confirmed to verify compatibility with pipe already installed and its pressure class rating. The hydraulic analysis will consider flows, size and pressure class of installed transmission main pipe, the proposed height of the hydraulic break tanks and their expected operation, minimization of system operating costs, system reliability, and other pertinent factors to arrive at a size and pressure class rating for respective pipeline segments.
 - ii. A hydraulics report documenting updates to assumptions, the model itself, and results will be developed and submitted.

L. Pipeline Basis of Design Memorandum Update

- i. Draft Basis of Design Memorandum (BDM). BDM were prepared for the Contract 5 and 6 pipelines. This BDM will be updated for the design and construction of the Contract 4 pipeline, including pipeline design parameters, a preliminary route map indicating the proposed alignment, pipeline material selection, pipeline design working pressure and test pressure, joint restraint, accessories, and appurtenances. Engineer will review the Draft BDM for accuracy and completeness prior to submitting to the Owner for review and comment.
- ii. Review and Finalize BDM. Engineer will confer with Owner's staff to review the Draft Updated BDM and obtain Owner's comments. Engineer will address Owner comments and develop a Final Updated BDM. The Final Updated BDM will be the document followed by the design team to develop CDs for solicitation of bids from general contractors.

M. Front-End Documents Customization

- i. Prepare and deliver draft front-end documents using standard documents of the Engineers Joint Contract Document Committee (EJCDC) and Engineer's standard supplements, including general conditions and supplementary conditions. The documents will be based on the Contract Documents for Segment 5 and will assume that the Contract 4 pipeline will be split into up to three construction contracts.
- ii. Conduct a review with the Owner to discuss and receive comments on the draft front-end documents.
- iii. Revise front-end documents addressing Owner's comments and incorporate modifications, if any, into subsequent CD deliverables.

N. 60-percent CDs (Level 2 Design)

- i. Level 2 design will commence after the Owner accepts the preliminary design as modified from the Post Field Investigation Workshop.
- ii. The content of Level 2 deliverables is as follows:
 - General drawings
 - Plan and profile drawings
 - A majority of technical specifications
 - Underground utility drawings
 - Constructability review results
 - Opinion of probable construction cost update
 - Internal quality control review and refinement
 - QA/QC plan and log update
 - Task Order schedule update

- iii. Provide technical specifications and drawings for Owner review.
 - iv. Attend a meeting with the Owner to receive and discuss the Owner's review comments. Document comments received in a log and distribute to meeting attendees.
 - v. Revise documents as necessary to reflect decisions taken at this level incorporating design modifications into subsequent deliverables.
- O. 90-percent CDs (Level 3 Design)
- i. Level 3 design will commence after the Owner has accepted Level 2 deliverables. The content of the Level 3 deliverables is as follows:
 - Drawings review set
 - Technical specifications review set
 - Front-end documents review set
 - Opinion of probable construction cost update
 - Constructability review results
 - Internal quality control review and refinement
 - QA/QC plan and log update
 - Task Order schedule update
 - ii. Provide specifications and drawings for Owner review.
 - iii. Meet with the Owner to receive and discuss the Owner's review comments. Document comments received in a log and distribute to meeting attendees.
 - iv. Revise documents according to mutual agreement reflecting decisions taken at this level incorporating design modifications into subsequent deliverables.
- P. 100-Percent CDs. Prepare CDs starting from the pipeline Level 3 design. These documents will include comments received from the Owner. Deliverables include the following:
- Drawings
 - Technical specifications
 - Front-end documents
 - GDR for trenchless crossings
 - GBR for trenchless crossings
 - Updated opinion of probable construction cost
- Q. Final Sealed and Signed CDs
- i. Preparation of the final CDs will commence after the Owner has accepted 100-percent deliverables.
 - ii. Provide the Owner a record copy of Final CDs that are sealed, signed, and dated by the Engineer of Record.

- R. Opinions of Probable Construction Cost (aka Cost Opinions or Cost Estimates). Engineer will update the cost opinion presented in the PDR at the various stages of final design submitting updates for the Owners information and use as follows:
- i. After transmittal of the 60-percent deliverable, update cost opinion commensurate with an AACE Class 3 estimate with standard accuracy.
 - ii. After transmittal of the 90-percent deliverable, update cost opinion commensurate with an AACE Class 2 estimate with standard accuracy.
 - iii. After transmittal of the 100-percent deliverable, update cost opinion commensurate with an AACE Class 2 estimate with standard accuracy.
 - iv. After transmittal of final deliverable, update cost opinion commensurate with an AACE Class 1 estimate with standard accuracy.
- S. Quality Assurance/Quality Control. Engineer will provide QA/QC services necessary for execution of the Task Order. QA/QC reviews will be provided for each deliverable furnished. Reviews will be completed by Engineer's or Engineer's Subcontractor's independent senior staff. Engineer will log QA/QC reviews and maintain records of said reviews in its files. In addition, Engineer will log comments received from the Owner and provide a log of comments and Engineer responses for the following events:
- 60-percent CDs
 - Draft front-end documents
 - 90-percent CDs
 - 100-percent CDs

Engineer's services under the Final Design Phase will be considered complete on the date when the final design submittals identified in Deliverables are provided.

6. Task 6 – Bidding Assistance

- A. Advertisement and Bid Letting
- i. Finalize Front-End Documents. Finalize front-end documents incorporating information as it relates to the bid letting date, location, time, and other necessary information.
 - ii. Invitation to Bid. Provide to the Owner the Invitation to Bid, which Owner will have published in Owner-selected publications. Identify potential contractors and suppliers, review with the Owner, and distribute copies of the Invitation to Bid electronically.
 - iii. Production of Contract Documents. Produce digital copies of CDs, addenda, and geotechnical reports for Owner's use and distribution.
 - iv. Pre-bid Conference. Conduct, at a date and time selected and a place provided by the Owner, a pre-bid conference to:

- (a) Confirm the types of information required by the CDs and the format in which bids must be presented.
 - (b) Review special Task Order requirements and CDs in general.
 - (c) Receive requests for interpretations for which responses will be issued to plan holders via addendum.
 - (d) Prepare agenda for pre-bid conference; issue to plan holders and pre-bid conference attendees along with the pre-bid meeting sign-in sheet.
- v. Interpretation of Bidding Documents. Interpret bidding documents; prepare and issue up to two addenda to the CDs, as required. More addenda will be provided as Additional Services.
 - vi. Update cost opinion and furnish Engineer's Opinion of Probable Construction Cost (OPCC) to the Owner for its use at the bid opening.
 - vii. Bid Opening. Conduct bid opening on behalf of the Owner after bids are received. Make a preliminary tabulation of bids, and review questionnaires, qualifications information, and bids for completeness.
- B. Pre-award Services. The level of effort for pre-award services involving a well-qualified bidder and suppliers will be of a limited nature with the level of effort as stipulated in **Attachment E – Engineering Fee Estimate Worksheet(s)**.
- i. Questionnaire(s). Examine questionnaire(s) to identify any supplier whose equipment or material may not conform to the CDs. This examination will be based on the knowledge and experience of the Engineer.
 - ii. Qualifications of Apparent Successful Bidder. Review and evaluate the qualifications of the apparent successful bidder and the proposed major or specialty subcontractors. The review and evaluation will include financial resources, and a check of up to five references from completed projects similar in size and character.
 - iii. Bid Tabulations. Prepare and distribute formal bid tabulation sheets, evaluate bids, and make a written recommendation to the Owner concerning contract award.
 - iv. Services include a review of the Contractor's bonds and forwarding to the Owner for approval; furnishing the Contractor unsigned CDs; and transmitting the CDs to the Owner for signature and distribution. Engineer's review is only for the purpose of determining if the Contractor provided the required bonds; it is not a legal review to determine if Contractor is compliant with CD requirements.
- C. Post-award Services. Engineer will provide the following services after the Notice of Award has been issued by the Owner.

- i. Prepare Issued-for-Construction Contract Documents. Engineer will incorporate drawing, specification, and geotechnical data and baseline report items made by addendum during the bidding phase, as applicable, into the native files (i.e., AutoCAD, Revit, Word, or Excel files, as applicable) before construction begins. Once addenda items have been incorporated, Engineer will produce and transmit Issued-for-Construction CDs electronically and in hardcopy format to Owner and Contractor for use during construction. Electronic Issued-for-Construction CD files will be provided by Engineer in bookmarked pdf format.
- ii. Schedule and Moderate Preconstruction Conference. Conduct a preconstruction conference at a date and time selected by and at a facility provided by Owner. Engineer will prepare an agenda to include, but not limited to, meeting topics such as:
 - Discussion of Contractor's tentative schedule
 - Procedures for transmittal and review of Contractor's submittals
 - Special inspections program, as applicable
 - Processing of payment requests and Owner payments
 - Critical work sequencing
 - Change order requests and change orders
 - Field orders / work change directives
 - Record drawings
 - Contractor's responsibilities for safety and first aid

Engineer will prepare and distribute minutes.

- iii. Obtain Drone-Based Video. Prior to issuance of the Contractor's notice to proceed Engineer will video record an aerial view of the alignment document existing pre-construction conditions. Produce aerial drone-based videos of the construction job site using a 12-megapixel minimum resolution camera. Provide a drone and operator with proper certifications and licenses for both federal and local jurisdictions. Drone video will be collected as follows:
 - (a) Pre-Construction conditions immediately prior to start of construction
 - (b) Construction documentation will be completed via flights under a future construction phase services task order.

Bidding Assistance will be considered complete upon issuance of a construction notice to proceed, commencement of construction, or upon cessation of negotiations with prospective Contractors.

V. SPECIAL SERVICES

Not used

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.

1. Task 1 – Task Order Management and Administration

- Progress reports (electronic pdf files)
- Baseline schedule and updates (electronic pdf files)

2. Task 2 – Special Project and Third-Party Meetings.

- Meeting agenda (typically included with MS Outlook meeting invitations)
- Meeting notes (electronic pdf files)

3. Task 3 – Landowner Communication and Easement Modifications

- Landowner GIS exhibits (electronic pdf file for each affected parcel)
- Certificates of survey for modified easements (electronic pdf files and hard copies, as required)

4. Task 4 – Field Services

- Geotechnical Report for the open-cut pipeline (electronic pdf files)
- Geotechnical Data Report for the trenchless crossings (electronic pdf files)
- Updated drawings for supplemental surveys (electronic pdf file)
- Alignment site visit notes (electronic pdf files for Contract 4)
- Stray current field report (electronic pdf file)
- Correspondence and re-examination of wetlands' jurisdictional determinations (electronic pdf files)

5. Task 5 – Final Design Services

- Meeting/conference call agendas (generally attached to MS Outlook meeting invitations) and notes (electronic pdf files)
- Updated Design Guidance Manual (draft and final single hard copy and electronic pdf files)
- Geotechnical baseline report (electronic pdf file)
- Soils classification and quantities memorandum (electronic pdf files)
- Utility notification letters (electronic pdf file)
- Utility contact list (electronic pdf file)
- SUE drawings (single hard copy and electronic pdf file)
- Permit applications (electronic pdf files for applications identified in the Permitting paragraph)
- Corrosion protection system basis of design memorandum update (electronic pdf file)
- System hydraulic model update and refinement report (electronic pdf file)
- Pipeline Basis of Design Memorandum update (electronic pdf file)
- Draft front-end documents (electronic pdf files)

- 60-percent CDs (hard copies and electronic pdf files)
- 60-percent cost opinion (electronic pdf file)
- 60-percent Owner review comments log (electronic pdf file)
- 90-percent CDs (hard copies and electronic pdf files)
- 90-percent cost opinion (electronic pdf file)
- 90-percent Owner review comments log (electronic pdf file)
- 100-percent CDs (hard copies and electronic pdf files)
- 100-percent cost opinion (electronic pdf file)
- 100-percent Owner review comments log (electronic pdf file)
- Final Sealed and Signed CDs (hard copies and electronic pdf files)
- Final cost opinion (electronic pdf file)

6. Task 6 – Bidding Assistance (up to three contracts)

- Invitation to Bid (electronic Word and pdf files)
- Issued-for-Bid CDs, including associated geotechnical reports (electronic pdf files)
- Pre-bid Conference Agenda (electronic pdf file)
- Opinion of Probable Construction Cost (electronic pdf file)
- Bid Tab – Summary and Detail (electronic pdf file)
- Recommendation of Award (electronic pdf file)
- Notice of Award form (electronic Word file)
- Agreement, Performance Bond, and Payment Bond forms (electronic Word files)
- Issued-for-Construction CDs (hard copies and electronic pdf files)
- Pre-construction Conference Agenda/Minutes (electronic pdf files)
- Drone video (electronic files)
- Notice to Proceed form (electronic Word file)

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 an amendment to this Task Order or execution of a separate Task Order with the new scope of services will be necessary.

1. The pipeline alignment was finalized previously under the preliminary design task orders, and survey certificates were prepared for each parcel of Contract 4 under Task Order 7310 – Land Services where options or easements are in place. Limited additional certificates of survey will be necessary over the 27-mile length in order to prepare CDs for bidding. These certificates will be prepared under Task Order 7410 – 2021-23 Biennium Land Services. If the alignment is changed during these Final Design Services, new survey certificates will likely be necessary and those would be considered Additional Services if the effort falls beyond the allowance amount set forth in this Task Order.

2. Addenda. Engineer will prepare up to two addenda under Basic Services. Should additional addenda be required beyond the Engineer's control, they will be prepared by Engineer as Additional Services.
3. Pre-award Services to be Provided as Additional Services. If the apparent successful bidder is not well qualified or if substantive changes to the design are proposed by the Bidder or the Contractor after award, substantial and unpredictable levels of effort by Engineer may be required to resolve issues and answer questions. These services will be provided according to the Owner's request as Additional Services.
4. Design of the relocation of utilities in conflict with the proposed location of RRVWS pipeline as presented in the PDR, except as explicitly identified herein. Relocation design for the following utilities and facilities is considered Additional Services:
 - Overhead and buried telephone lines
 - Fiber optic cable and other communication lines
 - Natural gas pipelines
 - Petroleum pipelines
6. Preparation of traffic control plans, excluding haul routes and detour plans that are included with Basic Services.

VIII. SPECIAL RESPONSIBILITIES OF OWNER

1. Pot Holing and Vacuum Excavation Contractor. Engineer will coordinate with and manage the services provided by a pot holing or vacuum excavation contractor hired by the Owner to uncover potentially conflicting utilities. Owner will contract with and pay directly for the services of the pot holing or vacuum excavation contractor.
2. Advertising Fees. Owner agrees to pay directly to publication(s) the fees of all public advertisements, including those costs assessed by plan rooms, bidding exchanges, and online bid management services.
3. Permit and License Fees. Owner agrees to pay directly to affected utilities, railroads, or other public entities fees assessed to secure crossing permits, licenses, or easements.
4. Easements. Pay directly to landowners real estate costs for all required easements. In addition, retain and pay for legal services necessary to secure easements through negotiation or other means. Several landowners in this 24-mile section have declined to sign voluntary easements so legal intervention will likely be necessary to get the necessary right-of-way. The Owner will manage and oversee legal services provided by others to support easement acquisition.
5. Issued-for-Bid CDs Distribution. Owner agrees to handle all aspects of bid document distribution, including collection of fees for CDs; distributing CDs, geotechnical reports, and addenda to prospective bidders and suppliers; and developing, maintaining, and distributing a plan holders list to recipients of CDs prior to the bid opening.

- 5. Bid Tabulations. Distribute the formal bid tabulation sheet(s) to plan holders of record or to the online bid management service(s) for distribution to plan holders and/or its membership, as applicable.
- 6. Meeting Facilities. Provide facilities or lease appropriate space for conducting the pre-bid meeting, if not held virtually, and similarly for the pre-construction conference.

IX. FEE

The total fee for the Basic Services under this Task Order is Seven Million One Hundred Eighty-Three Thousand Dollars (\$7,183,000). Worksheet(s) showing the fee estimate and level of effort by task are included as **Attachment E**.

X. PERFORMANCE SCHEDULE

This Task Order will be completed by December 31, 2025. It is assumed that the final contract documents will be ready for bidding by June 30, 2025. Bidding will take place during July thru September 2025. A contractor Notice to Proceed is expected to be issued by October 2025 for at least one project. If funding becomes available for earlier construction, construction documents will be completed earlier for the portion of the project that has funding. **Attachment F** shows the anticipated execution schedule.

XI. DOCUMENTS INCORPORATED BY REFERENCE AND ATTACHMENTS

- 1. Standard Form of Agreement between Owner and Engineer for Professional Services dated January 17, 2008, is incorporated by reference.
- 2. Attachment A - Contract 4 Alignment and Trenchless Crossing Locations
- 3. Attachment B – Preliminary Sheet List
- 4. Attachment C – Preliminary Specification List
- 5. Attachment D – Proposed Soil Borings
- 6. Attachment E – Fee Estimate Worksheets
- 7. Attachment F – Final Design and Bidding Assistance Schedule

XII. ACCEPTANCE

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

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

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

Dated: _____

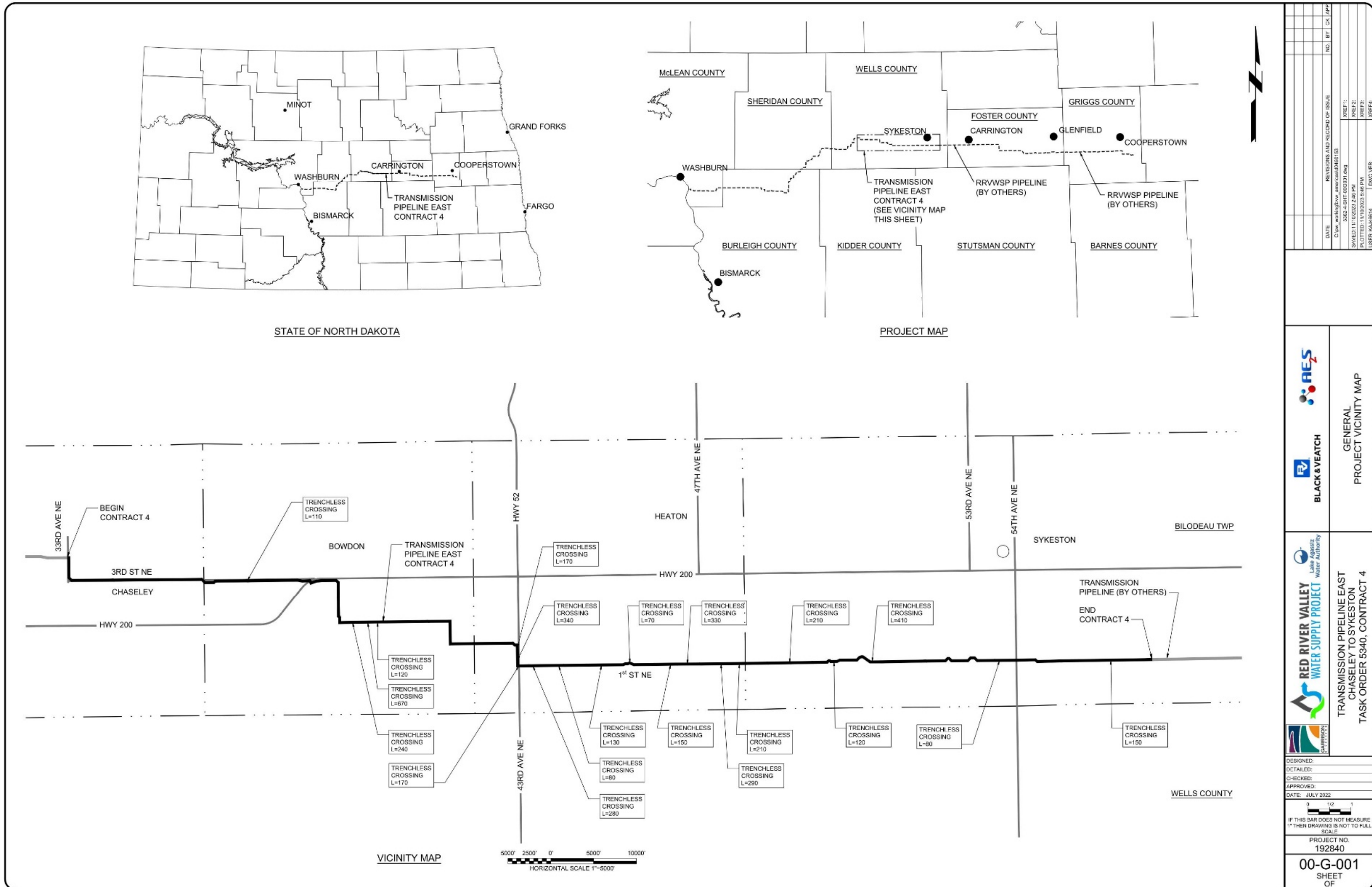
Dated: _____

ATTACHMENT A

CONTRACT 4 ALIGNMENT AND TRENCHLESS CROSSING LOCATIONS

DRAFT

DRAFT



ATTACHMENT B

PRELIMINARY SHEET LIST

Type of Drawing	138 Sheets Total
<u>Contract 4A (9 miles)</u>	
Cover	1
General	9
Plan & Profile	20
Details	9
Specialty	4
Traffic Control	<u>3</u>
Subtotal	46
<u>Contract 4B (9 miles)</u>	
Cover	1
General	9
Plan & Profile	20
Details	9
Specialty	4
Traffic Control	<u>3</u>
Subtotal	46
<u>Contract 4C (9 miles)</u>	
Cover	1
General	9
Plan & Profile	20
Details	9
Specialty	4
Traffic Control	<u>3</u>
Subtotal	46

ATTACHMENT C

PRELIMINARY SPECIFICATION LIST

Specification Topic	67 Sections for Up to Three Contracts
Division 00 – Procurement and Contracting Requirements	23
Division 01 – General Requirements	15
Division 03 – Concrete	1
Division 05 – Metals	1
Division 09 – Finishes	2
Division 13 – Special Construction	1
Division 26 – Electrical	1
Division 31 – Earthwork	7
Division 32 – Exterior Improvements	2
Division 33 – Utilities	7
Division 40 – Process Interconnections	7

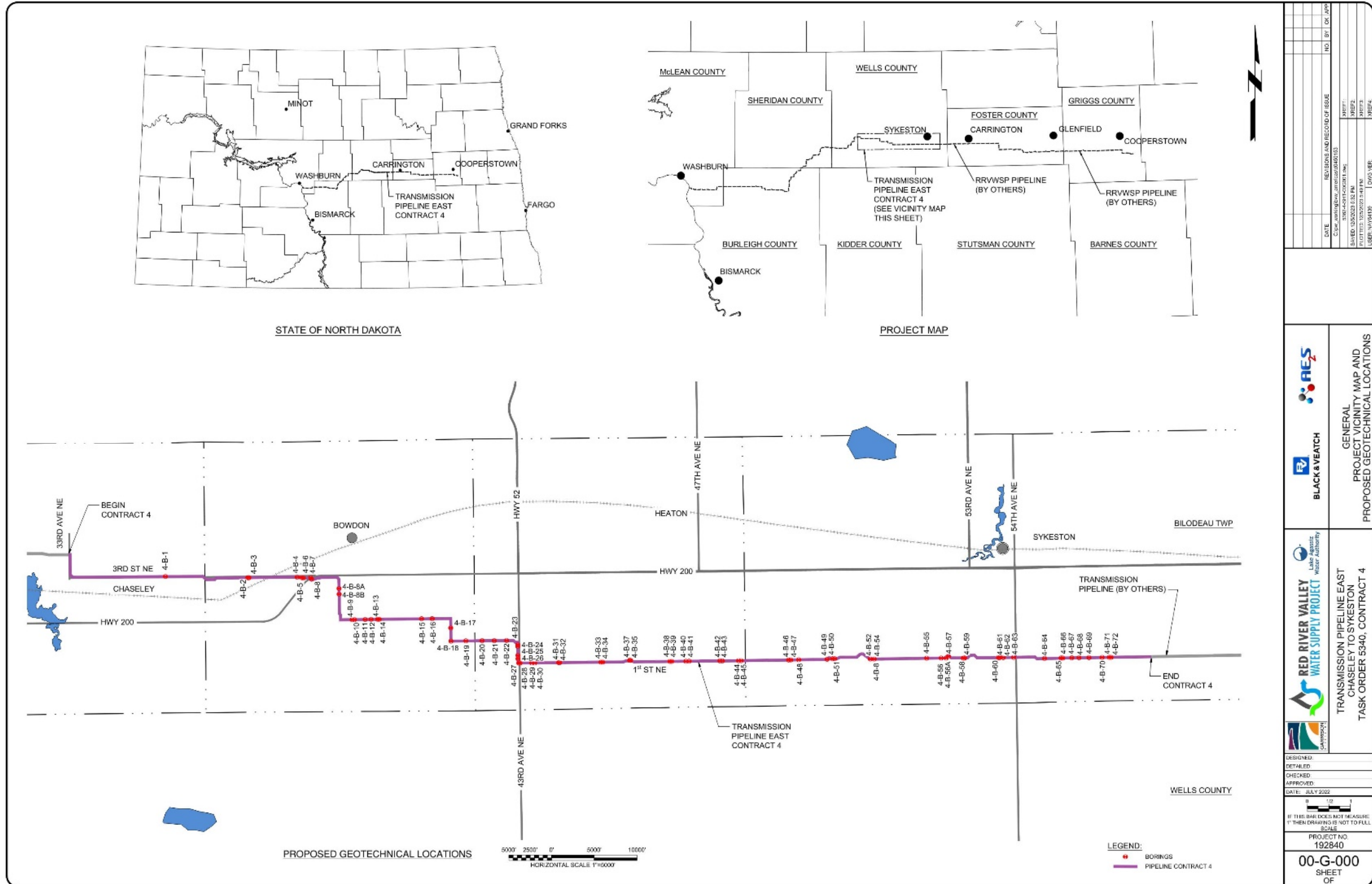
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ATTACHMENT D

PROPOSED SOIL BORINGS DRAWING

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ATTACHMENT E
FEE ESTIMATE WORKSHEETS

DRAFT

DRAFT



Garrison Diversion Conservancy District
Task Order 5340 - Transmission Pipeline East Ct 4 Final Design Services & Bidding Assistance
BV Project No. 417351
Black & Veatch & Subcontractors

Task	Lead Firm	Task Description	Position	P	PMS	PM	TE	EM	EM	DE2	SE1	TE	DES	DE3	DES	DES	SE1	SE2	EE	EE	EE	EM1	HE1	BIM1	TBD	CADS	CAD1	CAD2	EST1	EST2	GISM	PJC2	PA1	PA1	ADM1	ADM2	QC2	Labor Detail		
IV. BASIC SERVICES																																								
1	BV	Task Order Management and Administration		136	320	100	8	176	72	0	0	0	0	440	4	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,920	
A	BV	Project Mgmt (2 3-d trp; x2)		40	80	40	8	40	16					40																									264	
B	BV	Administration		40	80	40		40	40					120		16																								688
C	BV	Progress Reports		8	80			40						80																										208
D	BV	Schedule Updates		8	40			16						80																										280
E	BV	Management of Subconsultants		40	40	20		40	16					120	4	8																								480
2	BV	Special Project and Third-Party Meetings		24	48	0	0	48	120	40	80	0	0	0	40	40	0	0	0	0	0	0	0	0	0	0	40	80	0	0	0	0	0	0	0	0	0	0	584	
A	BV	Special Project Meetings																																					0	
i	BV	TO Initiation Mtg		2	4			8	16						8	8																								54
ii	BV	Post Fld Invest Align Update Mtg (1 4-d trp; x2)		2	4			8	40	40	40																80													214
B	AE2S	Third Party Meetings																																					0	
i	AE2S	Stakeholder Meetings (1 2-d trp; x2)		16	16			8	24						16	16											40													152
ii	AE2S	Design Meetings for Utility Coordination		4	24			24	40		40				16	16																								164
3	AE2S	Landowner Comm & Easement Modifications		6	12	0	0	88	8	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178	
A	AE2S	Landowner Notification		2	4			32			32																													70
B	AE2S	Landowner Coordination		2	4			16			32																													54
C	AE2S	Modifications to Signed Easements		2	4			40	8																															54
4	BV	Field Services		7	112	0	48	80	40	40	0	160	160	0	128	8	800	80	40	60	0	80	0	48	0	16	96	0	0	0	0	0	0	0	0	0	0	0	2,003	
A	MTS	Soil Borings			80		48					160	160		80		800	80				80		48		16	16													1,568
B	AE2S	Limited Topographic Surveying		2	8			8							8	8																								34
C	BV	Stray Current Fld Investigation (1 3-dy trp; x1)		2	8			16												40	60																			126
D	BV	Alignment Site Visits (1 5-d trp; x2)		2	8			16	40						40												40													146
E	Ulteig	Jurisdictional Wetland Review and Consultation		1	8			40		40																	40													129
5	BV	Final Design Services		131	486	0	46	1,206	2,368	1,936	192	128	0	400	0	262	518	608	0	300	60	0	80	0	1,110	0	0	5,820	80	160	40	0	0	0	0	264	500	16,695		
A	BV	Design Team Conference Calls (12)		1	12		6	12	12						6	12	12																							73
B	BV	Design Guidance Manual Minor Update		1	2			8	8	24					12	12																								83
C	BV	Geotechnical Baseline Report		1	12		16				16	70			40	250	300										200													921
D	BV	Geotechnical Design Memorandum/GDR		1	8		16		4			58			8	40	80										40													263
E	PSC	Soils Classifications and Quantities			4			8	8	16																														76
F	AE2S	Utility Coordination		1	2			4	8	8																													23	
G	AE2S	Subsurface Utility Engineering																																					0	
i	AE2S	SUE Surveys			4				8	16																													28	
ii	AE2S	Vacuum Excavations (5)			4				8	16																													28	
H	AE2S	Utility Relocations Coordination			4				8	16																													28	
I	AE2S	Permitting		2	16			16	40	40																														114
J	BV	Pipeline Corrosion Protection System Services			8				24											300	60							120												512
K	BV	System Hydraulic Model Update and Refinement		4	40			40		120	160																													444
L	BV	Pipeline Basis of Design Memorandum Update		2	4			8	16	40					8	4	4																							110
M	BV	Front-End Documents Customization		2	40		8	4	4						8	4																								70
N	BV	60-Percent CDs (Level 2 Design) (1 2-dy trp; x2)		40	120			430	870	670				120	40	60	80									440														5,090
O	BV	90-Percent CDs (Level 3 Design) (1 2-dy trp; x2)		40	120			430	870	670				120	20	40	60									440														5,030
P	BV	100-Percent CDs (1 2-dy trp; x1)		20	50			170	330	210				120	80	40	40									170														2,130
Q	BV	Final Sealed and Signed CDs		12	20			60	110	90				40	40	16	16									60														784
R	BV	Opinions of Probable Construction Cost		4	16			16	40		16																													388
S	BV	Quality Assurance/Quality Control																																						500



Garrison Diversion Conservancy District
 Task Order 5340 - Transmission Pipeline East Ct 4 Final Design Services & Bidding Assistance
 BV Project No. 417351
 Black & Veatch & Subcontractors

Task	Lead Firm	Task Description	Position	P	PMS	PM	TE	EM	EM	DE2	SE1	TE	DES	DE3	DES	DES	SE1	SE2	EE	EE	EE	EM1	HE1	BIM1	TBD	CADS	CAD1	CAD2	EST1	EST2	GISM	PJC2	PA1	PA1	ADM1	ADM2	QC2	Labor Detail	
			Principal	Project Manager Senior	Project Manager	Technical Expert	Engineering Manager (Overall)	Engineering Manager (Team 1)	Design Engineer 2 (Pipeline Team 1)	Staff Engineer 1 (Pipeline Team 1)	Technical Expert	Design Engineer Senior (Pipeline 1)	Design Engineer 3	Design Engineer Senior (Geotech)	Design Engineer Senior (Geotech/Trenchless)	Staff Engineer 1 (Geotech/Trenchless)	Staff Engineer 2 (Trenchless)	Electrical Engineer (Corrosion)	Electrical Engineer (Corrosion)	Electrical Engineer (Corrosion)	Elec/Mech Engineer 1	Hydraulics Engineer 1	BIM-3D Technician 1	BIM-3D Technician 2	CAD Technician Senior	CAD Technician 1	CAD Technician 2 (Pipeline Team 1)	Estimator 1	Estimator 2	GIS Technical Manager	Project Controls Analyst 2	Project Accountant Senior	Project Accountant 1	Administrator 1	Administrator 2	QA/QC Manager 2	BV Level of Effort (hrs)		
ii	BV	Qualifications of Apparent Successful Bidder	2	8			16		12	16																												54	
iii	BV	Bid Tabulations		1			1			4																													6
iv	BV	Review of Contractor's Bonds, Insurance, etc.		1			2			2																													5
C	BV	Post-award Services																																					0
i	BV	Prepare Issued-for-Construction CDs	1	4			16			16																	24	16								8		85	
ii	BV	Sched & Mod Preconst Conf (1 3-dy tpr; x2)	1	24			24			16																									4			69	
iii	AE2S	Obtain Drone-Based Video		1			4																															5	
PROJECT TOTALS			334	1,149	100	102	1,937	2,608	2,064	666	372	160	840	220	382	1,318	688	64	360	60	80	80	48	1,110	16	136	5,996	176	160	40	144	200	200	120	354	500	22,784		



Garrison Diversion Conservency District
Task Order 5340 - Transmission Pipeline Eas
BV Project No. 417351
Black & Veatch & Subcontractors

Task	Lead Firm	Position	Labor Detail	Expense Detail	Expense Detail	Sub Consult	Sub Consultant	Expense Detail	Sub Consult	Sub Consultant	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL	
																	BV Labor Cost
IV. BASIC SERVICES																	
1	BV	Task Order Management and Administration	\$399,984	\$17,088	\$199	512	\$127,260	\$6,364	72	\$12,600	\$630	\$7,600	\$171,741	1,920	\$399,984	\$171,741	\$571,725
A	BV	Project Mgmt (2 3-d trp; x2)	\$71,248	\$2,350	\$199	232	\$51,811	\$2,591	24	\$4,200	\$210	\$7,600	\$68,961	264	\$71,248	\$68,961	\$140,209
B	BV	Administration	\$134,592	\$6,123		152	\$40,303	\$2,015	24	\$4,200	\$210		\$52,851	688	\$134,592	\$52,851	\$187,443
C	BV	Progress Reports	\$50,752	\$1,851		64	\$17,573	\$879	24	\$4,200	\$210		\$24,713	208	\$50,752	\$24,713	\$75,465
D	BV	Schedule Updates	\$50,856	\$2,492		64	\$17,573	\$879	-		\$0		\$20,944	280	\$50,856	\$20,944	\$71,800
E	BV	Management of Subconsultants	\$92,536	\$4,272		-	\$0	\$0	-		\$0		\$4,272	480	\$92,536	\$4,272	\$96,808
2	BV	Special Project and Third-Party Meetings	\$125,520	\$5,199	\$0	620	\$149,275	\$7,464	29	\$5,000	\$250	\$4,400	\$171,588	584	\$125,520	\$171,588	\$297,108
A	BV	Special Project Meetings	\$0	\$0		-	\$0	\$0	-		\$0		\$0	0	\$0	\$0	\$0
i	BV	TO Initiation Mtg	\$13,258	\$481		28	\$7,397	\$370	-		\$0		\$8,248	54	\$13,258	\$8,248	\$21,506
ii	BV	Post Fld Invest Align Update Mtg (1 4-d trp; x2)	\$38,426	\$1,905		112	\$27,835	\$1,392	-		\$0	\$4,400	\$35,532	214	\$38,426	\$35,532	\$73,958
B	AE2S	Third Party Meetings	\$0	\$0		-	\$0	\$0	-		\$0		\$0	0	\$0	\$0	\$0
i	AE2S	Stakeholder Meetings (1 2-d trp; x2)	\$34,552	\$1,353		176	\$39,734	\$1,987	29	\$5,000	\$250		\$48,324	152	\$34,552	\$48,324	\$82,876
ii	AE2S	Design Meetings for Utility Coordination	\$39,284	\$1,460		304	\$74,310	\$3,715	-		\$0		\$79,485	164	\$39,284	\$79,485	\$118,769
3	AE2S	Landowner Comm & Easement Modifications	\$39,718	\$1,585	\$0	694	\$142,036	\$7,101	-	\$0	\$0	\$0	\$150,722	178	\$39,718	\$150,722	\$190,440
A	AE2S	Landowner Notification	\$14,818	\$623		152	\$27,787	\$1,389	-		\$0		\$29,799	70	\$14,818	\$29,799	\$44,617
B	AE2S	Landowner Coordination	\$10,674	\$481		182	\$40,929	\$2,046	-		\$0		\$43,456	54	\$10,674	\$43,456	\$54,130
C	AE2S	Modifications to Signed Easements	\$14,226	\$481		360	\$73,320	\$3,666	-		\$0		\$77,467	54	\$14,226	\$77,467	\$91,693
4	BV	Field Services	\$410,065	\$17,826	\$1,000	970	\$229,982	\$11,499	5,201	\$910,000	\$45,500	\$37,100	\$1,252,907	2,003	\$410,065	\$1,252,907	\$1,662,972
A	MTS	Soil Borings	\$310,096	\$13,955		260	\$75,825	\$3,791	4,629	\$810,000	\$40,500	\$30,000	\$974,071	1,568	\$310,096	\$974,071	\$1,284,167
B	AE2S	Limited Topographic Surveying	\$9,270	\$303		300	\$63,811	\$3,191	-		\$0		\$67,305	34	\$9,270	\$67,305	\$76,575
C	BV	Stray Current Fld Investigation (1 3-dy trp; x1)	\$29,274	\$1,121	\$1,000	-	\$0	\$0	-		\$0	\$1,900	\$4,021	126	\$29,274	\$4,021	\$33,295
D	BV	Alignment Site Visits (1 5-d trp; x2)	\$34,214	\$1,299		105	\$24,400	\$1,220	143	\$25,000	\$1,250	\$5,200	\$58,369	146	\$34,214	\$58,369	\$92,583
E	Ulteig	Jurisdictional Wetland Review and Consultation	\$27,211	\$1,148		305	\$65,946	\$3,297	429	\$75,000	\$3,750		\$149,141	129	\$27,211	\$149,141	\$176,352
5	BV	Final Design Services	\$3,099,571	\$148,587	\$4,000	2,748	\$620,779	\$31,036	429	\$75,000	\$3,750	\$9,700	\$892,852	16,695	\$3,099,571	\$892,852	\$3,992,423
A	BV	Design Team Conference Calls (12)	\$16,715	\$650		132	\$31,261	\$1,563	-		\$0		\$33,474	73	\$16,715	\$33,474	\$50,189
B	BV	Design Guidance Manual Minor Update	\$16,349	\$739		20	\$4,784	\$239	-		\$0		\$5,762	83	\$16,349	\$5,762	\$22,111
C	BV	Geotechnical Baseline Report	\$143,873	\$8,197		20	\$4,784	\$239	-		\$0		\$13,220	921	\$143,873	\$13,220	\$157,093
D	BV	Geotechnical Design Memorandum/GDR	\$49,393	\$2,341		20	\$4,784	\$239	-		\$0		\$7,364	263	\$49,393	\$7,364	\$56,757
E	PSC	Soils Classifications and Quantities	\$17,844	\$676		140	\$29,194	\$1,460	286	\$50,000	\$2,500		\$83,830	76	\$17,844	\$83,830	\$101,674
F	AE2S	Utility Coordination	\$5,597	\$205		384	\$81,320	\$4,066	-		\$0		\$85,591	23	\$5,597	\$85,591	\$91,188
G	AE2S	Subsurface Utility Engineering	\$0	\$0		-	\$0	\$0	-		\$0		\$0	0	\$0	\$0	\$0
i	AE2S	SUE Surveys	\$6,452	\$249		278	\$68,145	\$3,407	-		\$0		\$71,801	28	\$6,452	\$71,801	\$78,253
ii	AE2S	Vacuum Excavations (5)	\$6,452	\$249		110	\$37,166	\$1,858	143	\$25,000	\$1,250		\$65,523	28	\$6,452	\$65,523	\$71,975
H	AE2S	Utility Relocations Coordination	\$6,452	\$249		362	\$79,267	\$3,963	-		\$0		\$83,479	28	\$6,452	\$83,479	\$89,931
I	AE2S	Permitting	\$27,846	\$1,015		318	\$65,560	\$3,278	-		\$0		\$69,853	114	\$27,846	\$69,853	\$97,699
J	BV	Pipeline Corrosion Protection System Services	\$102,868	\$4,557		-	\$0	\$0	-		\$0	\$2,200	\$6,757	512	\$102,868	\$6,757	\$109,625
K	BV	System Hydraulic Model Update and Refinement	\$92,276	\$3,952		76	\$17,829	\$891	-		\$0		\$22,672	444	\$92,276	\$22,672	\$114,948
L	BV	Pipeline Basis of Design Memorandum Update	\$21,566	\$979		76	\$17,829	\$891	-		\$0		\$19,699	110	\$21,566	\$19,699	\$41,265
M	BV	Front-End Documents Customization	\$19,670	\$623		52	\$12,537	\$627	-		\$0		\$13,787	70	\$19,670	\$13,787	\$33,457
N	BV	60-Percent CDs (Level 2 Design) (1 2-dy trp; x2)	\$928,850	\$45,301	\$1,000	180	\$38,787	\$1,939	-		\$0	\$3,000	\$90,027	5,090	\$928,850	\$90,027	\$1,018,877
O	BV	90-Percent CDs (Level 3 Design) (1 2-dy trp; x2)	\$918,130	\$44,767	\$1,000	240	\$50,820	\$2,541	-		\$0	\$3,000	\$102,128	5,030	\$918,130	\$102,128	\$1,020,258
P	BV	100-Percent CDs (1 2-dy trp; x1)	\$388,150	\$18,957	\$1,000	148	\$31,966	\$1,598	-		\$0	\$1,500	\$55,021	2,130	\$388,150	\$55,021	\$443,171
Q	BV	Final Sealed and Signed CDs	\$143,816	\$6,978	\$1,000	92	\$20,063	\$1,003	-		\$0		\$29,044	784	\$143,816	\$29,044	\$172,860
R	BV	Opinions of Probable Construction Cost	\$74,772	\$3,453		52	\$12,025	\$601	-		\$0		\$16,079	388	\$74,772	\$16,079	\$90,851
S	BV	Quality Assurance/Quality Control	\$112,500	\$4,450		48	\$12,659	\$633	-		\$0		\$17,742	500	\$112,500	\$17,742	\$130,242



Garrison Diversion Conservancy District
 Task Order 5340 - Transmission Pipeline Eas
 BV Project No. 417351
 Black & Veatch & Subcontractors

Task	Lead Firm	Position	Labor Detail	Expense Detail	Expense Detail	Sub Consultant	Sub Consultant	Expense Detail	Sub Consultant	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL		
																BV Labor Cost	HOBACCA
6	BV	Bidding Assistance (Contract 4A)	\$101,248	\$4,167	\$2,000	186	\$42,757	\$2,139	-	\$0	\$0	\$3,800	\$54,863	468	\$101,248	\$54,863	\$156,111
A	BV	Advertisement and Bid Letting	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Finalize Front-End Documents	\$4,066	\$142		-	\$0	\$0	-		\$0	\$142	16	\$4,066	\$142	\$4,208	\$4,208
ii	BV	Invitation to Bid	\$518	\$18		-	\$0	\$0	-		\$0	\$18	2	\$518	\$18	\$536	\$536
iii	BV	Production of Contract Documents	\$7,510	\$374	\$1,000	-	\$0	\$0	-		\$0	\$1,374	42	\$7,510	\$1,374	\$8,884	\$8,884
iv	BV	Pre-bid Conference (virtual)	\$3,025	\$116		8	\$2,066	\$103	-		\$0	\$2,285	13	\$3,025	\$2,285	\$5,310	\$5,310
v	BV	Interpretation of Bidding Documents	\$26,186	\$1,050		48	\$10,861	\$543	-		\$0	\$12,454	118	\$26,186	\$12,454	\$38,640	\$38,640
vii	BV	Update Cost Opinion and Furnish OPCC	\$10,189	\$383		-	\$0	\$0	-		\$0	\$383	43	\$10,189	\$383	\$10,572	\$10,572
viii	AE2S	Bid Opening	\$817	\$27		14	\$4,181	\$209	-		\$0	\$4,417	3	\$817	\$4,417	\$5,234	\$5,234
B	BV	Pre-award Services	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Questionnaires	\$1,631	\$62		6	\$1,294	\$65	-		\$0	\$1,421	7	\$1,631	\$1,421	\$3,052	\$3,052
ii	BV	Qualifications of Apparent Successful Bidder	\$11,890	\$481		10	\$2,392	\$120	-		\$0	\$2,993	54	\$11,890	\$2,993	\$14,883	\$14,883
iii	BV	Bid Tabulations	\$1,150	\$53		6	\$1,294	\$65	-		\$0	\$1,412	6	\$1,150	\$1,412	\$2,562	\$2,562
iv	BV	Review of Contractor's Bonds, Insurance, etc.	\$1,113	\$45		8	\$1,875	\$94	-		\$0	\$2,014	5	\$1,113	\$2,014	\$3,127	\$3,127
C	BV	Post-award Services	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Prepare Issued-for-Construction CDs	\$15,359	\$757	\$1,000	8	\$1,810	\$91	-		\$0	\$3,658	85	\$15,359	\$3,658	\$19,017	\$19,017
ii	BV	Sched & Mod Preconst Conf (1 3-dy trp; x2)	\$16,459	\$614		50	\$11,565	\$578	-		\$3,800	\$16,557	69	\$16,459	\$16,557	\$33,016	\$33,016
iii	AE2S	Obtain Drone-Based Video	\$1,335	\$45		28	\$5,418	\$271	-		\$0	\$5,734	5	\$1,335	\$5,734	\$7,069	\$7,069
7	BV	Bidding Assistance (Contract 4B)	\$101,248	\$4,167	\$2,000	186	\$42,757	\$2,139	-	\$0	\$0	\$3,800	\$54,863	468	\$101,248	\$54,863	\$156,111
A	BV	Advertisement and Bid Letting	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Finalize Front-End Documents	\$4,066	\$142		-	\$0	\$0	-		\$0	\$142	16	\$4,066	\$142	\$4,208	\$4,208
ii	BV	Invitation to Bid	\$518	\$18		-	\$0	\$0	-		\$0	\$18	2	\$518	\$18	\$536	\$536
iii	BV	Production of Contract Documents	\$7,510	\$374	\$1,000	-	\$0	\$0	-		\$0	\$1,374	42	\$7,510	\$1,374	\$8,884	\$8,884
iv	BV	Pre-bid Conference (virtual)	\$3,025	\$116		8	\$2,066	\$103	-		\$0	\$2,285	13	\$3,025	\$2,285	\$5,310	\$5,310
v	BV	Interpretation of Bidding Documents	\$26,186	\$1,050		48	\$10,861	\$543	-		\$0	\$12,454	118	\$26,186	\$12,454	\$38,640	\$38,640
vii	BV	Update Cost Opinion and Furnish OPCC	\$10,189	\$383		-	\$0	\$0	-		\$0	\$383	43	\$10,189	\$383	\$10,572	\$10,572
viii	AE2S	Bid Opening	\$817	\$27		14	\$4,181	\$209	-		\$0	\$4,417	3	\$817	\$4,417	\$5,234	\$5,234
B	BV	Pre-award Services	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Questionnaires	\$1,631	\$62		6	\$1,294	\$65	-		\$0	\$1,421	7	\$1,631	\$1,421	\$3,052	\$3,052
ii	BV	Qualifications of Apparent Successful Bidder	\$11,890	\$481		10	\$2,392	\$120	-		\$0	\$2,993	54	\$11,890	\$2,993	\$14,883	\$14,883
iii	BV	Bid Tabulations	\$1,150	\$53		6	\$1,294	\$65	-		\$0	\$1,412	6	\$1,150	\$1,412	\$2,562	\$2,562
iv	BV	Review of Contractor's Bonds, Insurance, etc.	\$1,113	\$45		8	\$1,875	\$94	-		\$0	\$2,014	5	\$1,113	\$2,014	\$3,127	\$3,127
C	BV	Post-award Services	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Prepare Issued-for-Construction CDs	\$15,359	\$757	\$1,000	8	\$1,810	\$91	-		\$3,800	\$7,458	85	\$15,359	\$7,458	\$22,817	\$22,817
ii	BV	Sched & Mod Preconst Conf (1 3-dy trp; x2)	\$16,459	\$614		50	\$11,565	\$578	-		\$0	\$12,757	69	\$16,459	\$12,757	\$29,216	\$29,216
iii	AE2S	Obtain Drone-Based Video	\$1,335	\$45		28	\$5,418	\$271	-		\$0	\$5,734	5	\$1,335	\$5,734	\$7,069	\$7,069
8	BV	Bidding Assistance (Contract 4C)	\$101,248	\$4,167	\$2,000	186	\$42,757	\$2,139	-	\$0	\$0	\$3,800	\$54,863	468	\$101,248	\$54,863	\$156,111
A	BV	Advertisement and Bid Letting	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Finalize Front-End Documents	\$4,066	\$142		-	\$0	\$0	-		\$0	\$142	16	\$4,066	\$142	\$4,208	\$4,208
ii	BV	Invitation to Bid	\$518	\$18		-	\$0	\$0	-		\$0	\$18	2	\$518	\$18	\$536	\$536
iii	BV	Production of Contract Documents	\$7,510	\$374	\$1,000	-	\$0	\$0	-		\$0	\$1,374	42	\$7,510	\$1,374	\$8,884	\$8,884
iv	BV	Pre-bid Conference (virtual)	\$3,025	\$116		8	\$2,066	\$103	-		\$0	\$2,285	13	\$3,025	\$2,285	\$5,310	\$5,310
v	BV	Interpretation of Bidding Documents	\$26,186	\$1,050		48	\$10,861	\$543	-		\$0	\$12,454	118	\$26,186	\$12,454	\$38,640	\$38,640
vii	BV	Update Cost Opinion and Furnish OPCC	\$10,189	\$383		-	\$0	\$0	-		\$0	\$383	43	\$10,189	\$383	\$10,572	\$10,572
viii	AE2S	Bid Opening	\$817	\$27		14	\$4,181	\$209	-		\$0	\$4,417	3	\$817	\$4,417	\$5,234	\$5,234
B	BV	Pre-award Services	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	\$0
i	BV	Questionnaires	\$1,631	\$62		6	\$1,294	\$65	-		\$0	\$1,421	7	\$1,631	\$1,421	\$3,052	\$3,052



Garrison Diversion Conservency District
 Task Order 5340 - Transmission Pipeline Eas
 BV Project No. 417351
 Black & Veatch & Subcontractors

Task	Lead Firm	Position	Labor Detail	Expense Detail	Expense Detail	Sub Consultant	Sub Consultant	Expense Detail	Sub Consultant	Sub Consultant	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL		
																	BV Labor Cost	HOBACCA
ii	BV		Qualifications of Apparent Successful Bidder	\$11,890	\$481		10	\$2,392	\$120	-		\$0	\$2,993	54	\$11,890	\$2,993	\$14,883	
iii	BV		Bid Tabulations	\$1,150	\$53		6	\$1,294	\$65	-		\$0	\$1,412	6	\$1,150	\$1,412	\$2,562	
iv	BV		Review of Contractor's Bonds, Insurance, etc.	\$1,113	\$45		8	\$1,875	\$94	-		\$0	\$2,014	5	\$1,113	\$2,014	\$3,127	
C	BV		Post-award Services	\$0	\$0		-	\$0	\$0	-		\$0	\$0	0	\$0	\$0	\$0	
i	BV		Prepare Issued-for-Construction CDs	\$15,359	\$757	\$1,000	8	\$1,810	\$91	-		\$0	\$3,800	\$7,458	85	\$15,359	\$7,458	\$22,817
ii	BV		Sched & Mod Preconst Conf (1 3-dy trp; x2)	\$16,459	\$614		50	\$11,565	\$578	-		\$0	\$12,757	69	\$16,459	\$12,757	\$29,216	
iii	AE2S		Obtain Drone-Based Video	\$1,335	\$45		28	\$5,418	\$271	-		\$0	\$5,734	5	\$1,335	\$5,734	\$7,069	
PROJECT TOTALS				\$4,378,602	\$202,786	\$11,199	6,102	\$1,397,602	\$69,881	5,731	\$1,002,600	\$50,130	\$70,200	\$2,804,398	22,784	\$4,378,602	\$2,804,398	\$7,183,000



Garrison Diversion Conservancy District

Task Order 5340 - Transmission Pipeline East Ct 4 Final Design Services & Bidding Assistance

BV Project No. 417351

AE2S

Task	Lead Firm	Position	PMVI	PMIV	ENGIII	SRDSn3	PMIII	LSIV	LSI	GISV	COMIII	ADM III	Labor Detail	Labor Detail	Expense Detail	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL	
																						AE2S Level of Effort (hrs)
IV. BASIC SERVICES																						
1		Task Order Management and Administration	128	304	0	0	0	0	0	0	80	0	512	\$127,260	\$0	\$0	\$0	\$0	512	\$127,260	\$0	\$127,260
A	BV	Project Mgmt (2 3-d trp; x2)	32	120							80		232	\$51,811				\$0	232	\$51,811	\$0	\$51,811
B	BV	Administration	32	120									152	\$40,303				\$0	152	\$40,303	\$0	\$40,303
C	BV	Progress Reports	32	32									64	\$17,573				\$0	64	\$17,573	\$0	\$17,573
D	BV	Schedule Updates	32	32									64	\$17,573				\$0	64	\$17,573	\$0	\$17,573
E	BV	Management of Subconsultants											0	\$0				\$0	0	\$0	\$0	\$0
2	BV	Special Project and Third-Party Meetings	64	144	144	0	12	0	0	180	40	36	620	\$132,275	\$17,000	\$0	\$0	\$17,000	620	\$132,275	\$17,000	\$149,275
A	BV	Special Project Meetings											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	TO Initiation Mtg	4	8	8					8			28	\$6,397	\$1,000			\$1,000	28	\$6,397	\$1,000	\$7,397
ii	BV	Post Fld Invest Align Update Mtg (1 4-d trp; x2)	4	40	40		4			12		12	112	\$23,835	\$4,000			\$4,000	112	\$23,835	\$4,000	\$27,835
B	AE2S	Third Party Meetings											0	\$0				\$0	0	\$0	\$0	\$0
i	AE2S	Stakeholder Meetings (1 2-d trp; x2)	16	16	16		8			80	40		176	\$35,734	\$4,000			\$4,000	176	\$35,734	\$4,000	\$39,734
ii	AE2S	Design Meetings for Utility Coordination	40	80	80	0				80		24	304	\$66,310	\$8,000			\$8,000	304	\$66,310	\$8,000	\$74,310
3		Landowner Comm & Easement Modifications	0	116	96	0	112	80	0	160	10	120	694	\$135,536	\$6,500	\$0	\$0	\$6,500	694	\$135,536	\$6,500	\$142,036
A	AE2S	Landowner Notification		16	40		16			40		40	152	\$27,787				\$0	152	\$27,787	\$0	\$27,787
B	AE2S	Landowner Coordination		60	16		16			40	10	40	182	\$35,929	\$5,000			\$5,000	182	\$35,929	\$5,000	\$40,929
C	AE2S	Modifications to Signed Easements		40	40		80	80		80		40	360	\$71,820	\$1,500		\$0	\$1,500	360	\$71,820	\$1,500	\$73,320
4		Field Services	2	132	64	24	100	240	200	176	0	32	970	\$185,982	\$18,000	\$0	\$26,000	\$44,000	970	\$185,982	\$44,000	\$229,982
A	MTS	Soil Borings		8	24	0	36	120	40	32			260	\$48,825	\$9,000		\$18,000	\$27,000	260	\$48,825	\$27,000	\$75,825
B	AE2S	Limited Topographic Surveying		4		24	24	120	120	8			300	\$51,811	\$6,000		\$6,000	\$12,000	300	\$51,811	\$12,000	\$63,811
C	BV	Stray Current Fld Investigation (1 3-dy trp; x1)											0	\$0				\$0	0	\$0	\$0	\$0
D	BV	Alignment Site Visits (1 5-d trp; x2)	1	40	40					16		8	105	\$22,400	\$2,000			\$2,000	105	\$22,400	\$2,000	\$24,400
E	Ulteig	Jurisdictional Wetland Review and Consultation	1	80			40	40	120			24	305	\$62,946	\$1,000		\$2,000	\$3,000	305	\$62,946	\$3,000	\$65,946
5		Final Design Services	80	628	1,080	300	68	144	0	372	24	52	2,748	\$584,779	\$14,000	\$0	\$22,000	\$36,000	2,748	\$584,779	\$36,000	\$620,779
A	BV	Design Team Conference Calls (12)	12	48	24		24			24			132	\$31,261				\$0	132	\$31,261	\$0	\$31,261
B	BV	Design Guidance Manual Minor Update	4	8	8								20	\$4,784				\$0	20	\$4,784	\$0	\$4,784
C	BV	Geotechnical Baseline Report	4	8	8								20	\$4,784				\$0	20	\$4,784	\$0	\$4,784
D	BV	Geotechnical Design Memorandum/GDR	4	8	8								20	\$4,784				\$0	20	\$4,784	\$0	\$4,784
E	PSC	Soils Classifications and Quantities	4	16	40					80			140	\$29,194				\$0	140	\$29,194	\$0	\$29,194
F	AE2S	Utility Coordination	4	120	160					80		20	384	\$81,320				\$0	384	\$81,320	\$0	\$81,320
G	AE2S	Subsurface Utility Engineering											0	\$0				\$0	0	\$0	\$0	\$0
i	AE2S	SUE Surveys	2	12	120	16	24	80		4		20	278	\$53,145	\$6,000		\$9,000	\$15,000	278	\$53,145	\$15,000	\$68,145
ii	AE2S	Vacuum Excavations (5)	2	12	40	0	20	24		4		8	110	\$22,166	\$6,000		\$9,000	\$15,000	110	\$22,166	\$15,000	\$37,166
H	AE2S	Utility Relocations Coordination	2	16	160	120		40		24			362	\$73,267	\$2,000		\$4,000	\$6,000	362	\$73,267	\$6,000	\$79,267
I	AE2S	Permitting	2	60	120	48				60	24	4	318	\$65,560				\$0	318	\$65,560	\$0	\$65,560
J	BV	Pipeline Corrosion Protection System Services											0	\$0				\$0	0	\$0	\$0	\$0



Garrison Diversion Conservency District

Task Order 5340 - Transmission Pipeline East Ct 4 Final Design Services & Bidding Assistance

BV Project No. 417351

AE2S

Task	Lead Firm	Position	PMVI	PMIV	ENGLI	SRDsn3	PMIII	LSIV	LSI	GISV	COMIII	ADM III	Labor Detail	Labor Detail	Expense Detail	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL	
			Principal	Project Manager	Staff Engineer	CAD Tech	Surveyor Manager	Land Surveyor	Land Surveyor	GIS	Communications	Admin	AE2S Level of Effort (hrs)	Labor Cost	Travel	Misc	Survey Equip	Total Expense	AE2S Level of Effort (hrs)	AE2S Labor Cost	Direct Expense	Fee
K	BV	System Hydraulic Model Update and Refinement	4	40	16					16			76	\$17,829				\$0	76	\$17,829	\$0	\$17,829
L	BV	Pipeline Basis of Design Memorandum Update	4	40	16					16			76	\$17,829				\$0	76	\$17,829	\$0	\$17,829
M	BV	Front-End Documents Customization	4	32	16								52	\$12,537				\$0	52	\$12,537	\$0	\$12,537
N	BV	60-Percent CDs (Level 2 Design) (1 2-dy trp; x2)	4	40	80	40				16			180	\$38,787				\$0	180	\$38,787	\$0	\$38,787
O	BV	90-Percent CDs (Level 3 Design) (1 2-dy trp; x2)	4	40	120	60				16			240	\$50,820				\$0	240	\$50,820	\$0	\$50,820
P	BV	100-Percent CDs (1 2-dy trp; x1)	4	40	80	8				16			148	\$31,966				\$0	148	\$31,966	\$0	\$31,966
Q	BV	Final Sealed and Signed CDs	4	24	40	8				16			92	\$20,063				\$0	92	\$20,063	\$0	\$20,063
R	BV	Opinions of Probable Construction Cost	4	24	24								52	\$12,025				\$0	52	\$12,025	\$0	\$12,025
S	BV	Quality Assurance/Quality Control	8	40									48	\$12,659				\$0	48	\$12,659	\$0	\$12,659
6		Bidding Assistance (Contract 4A)	8	70	56	0	12	24	0	0	16	0	186	\$40,757	\$1,500	\$500	\$0	\$2,000	186	\$40,757	\$2,000	\$42,757
A	BV	Advertisement and Bid Letting											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Finalize Front-End Documents											0	\$0				\$0	0	\$0	\$0	\$0
ii	BV	Invitation to Bid											0	\$0				\$0	0	\$0	\$0	\$0
iii	BV	Production of Contract Documents											0	\$0				\$0	0	\$0	\$0	\$0
iv	BV	Pre-bid Conference (virtual)		8									8	\$2,066				\$0	8	\$2,066	\$0	\$2,066
v	BV	Interpretation of Bidding Documents		24	24								48	\$10,861				\$0	48	\$10,861	\$0	\$10,861
vii	BV	Update Cost Opinion and Furnish OPCC											0	\$0				\$0	0	\$0	\$0	\$0
viii	AE2S	Bid Opening	2	12									14	\$3,681	\$500			\$500	14	\$3,681	\$500	\$4,181
B	BV	Pre-award Services											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Questionnaires		2	4								6	\$1,294				\$0	6	\$1,294	\$0	\$1,294
ii	BV	Qualifications of Apparent Successful Bidder	2	4	4								10	\$2,392				\$0	10	\$2,392	\$0	\$2,392
iii	BV	Bid Tabulations		2	4								6	\$1,294				\$0	6	\$1,294	\$0	\$1,294
iv	BV	Review of Contractor's Bonds, Insurance, etc.	2	2	4								8	\$1,875				\$0	8	\$1,875	\$0	\$1,875
C	BV	Post-award Services											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Prepare Issued-for-Construction CDs		4	4								8	\$1,810				\$0	8	\$1,810	\$0	\$1,810
ii	BV	Sched & Mod Preconst Conf (1 3-dy trp; x2)	2	12	12		12	12					50	\$11,065	\$500			\$500	50	\$11,065	\$500	\$11,565
iii	AE2S	Obtain Drone-Based Video						12			16		28	\$4,418	\$500	\$500		\$1,000	28	\$4,418	\$1,000	\$5,418
7		Bidding Assistance (Contract 4B)	8	70	56	0	12	24	0	0	16	0	186	\$40,757	\$1,500	\$500	\$0	\$2,000	186	\$40,757	\$2,000	\$42,757
A	BV	Advertisement and Bid Letting											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Finalize Front-End Documents											0	\$0				\$0	0	\$0	\$0	\$0
ii	BV	Invitation to Bid											0	\$0				\$0	0	\$0	\$0	\$0
iii	BV	Production of Contract Documents											0	\$0				\$0	0	\$0	\$0	\$0
iv	BV	Pre-bid Conference (virtual)		8									8	\$2,066				\$0	8	\$2,066	\$0	\$2,066
v	BV	Interpretation of Bidding Documents		24	24								48	\$10,861				\$0	48	\$10,861	\$0	\$10,861
vii	BV	Update Cost Opinion and Furnish OPCC											0	\$0				\$0	0	\$0	\$0	\$0
viii	AE2S	Bid Opening	2	12									14	\$3,681	\$500			\$500	14	\$3,681	\$500	\$4,181
B	BV	Pre-award Services											0	\$0				\$0	0	\$0	\$0	\$0



Garrison Diversion Conservency District

Task Order 5340 - Transmission Pipeline East Ct 4 Final Design Services & Bidding Assistance

BV Project No. 417351

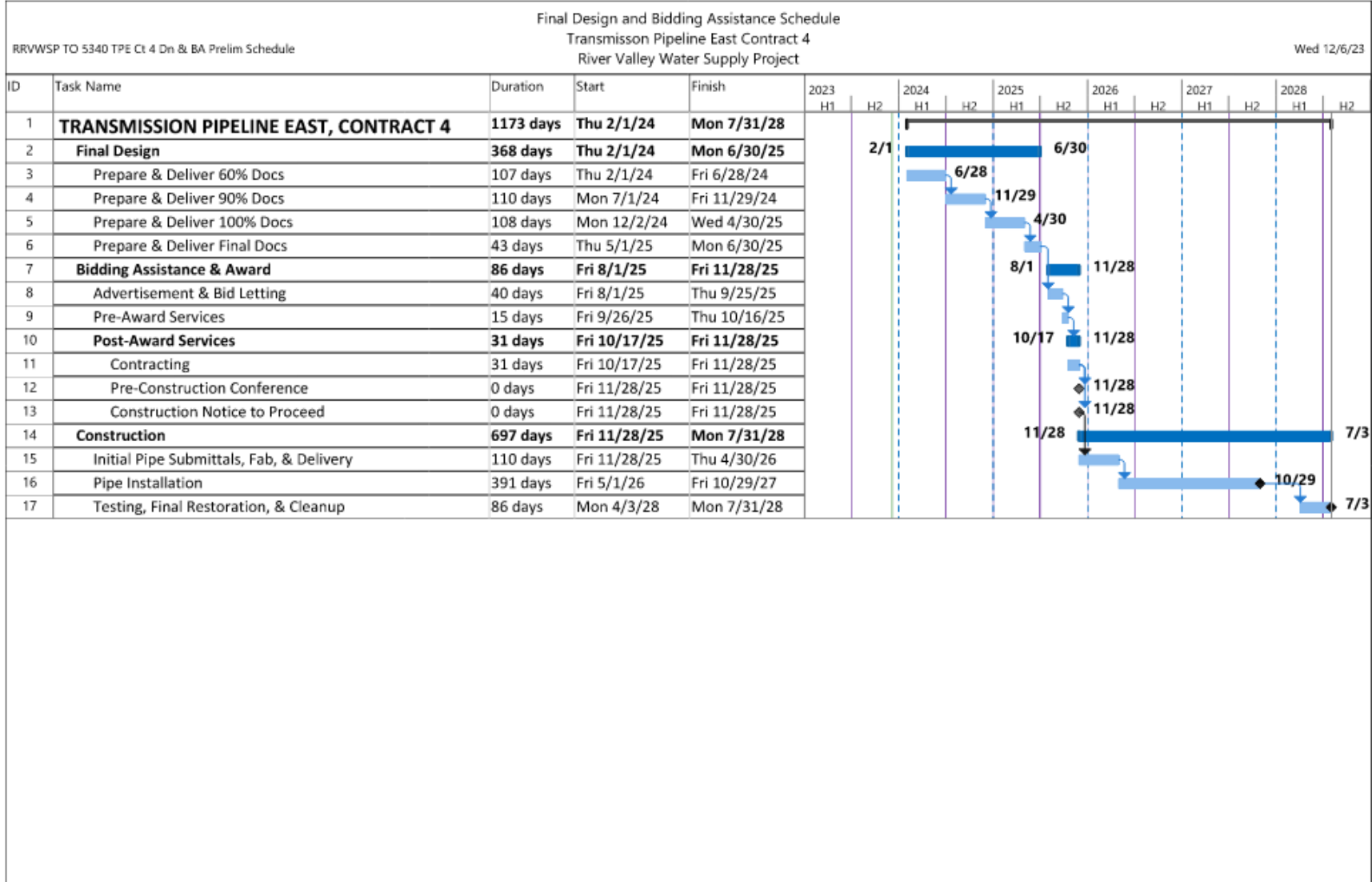
AE2S

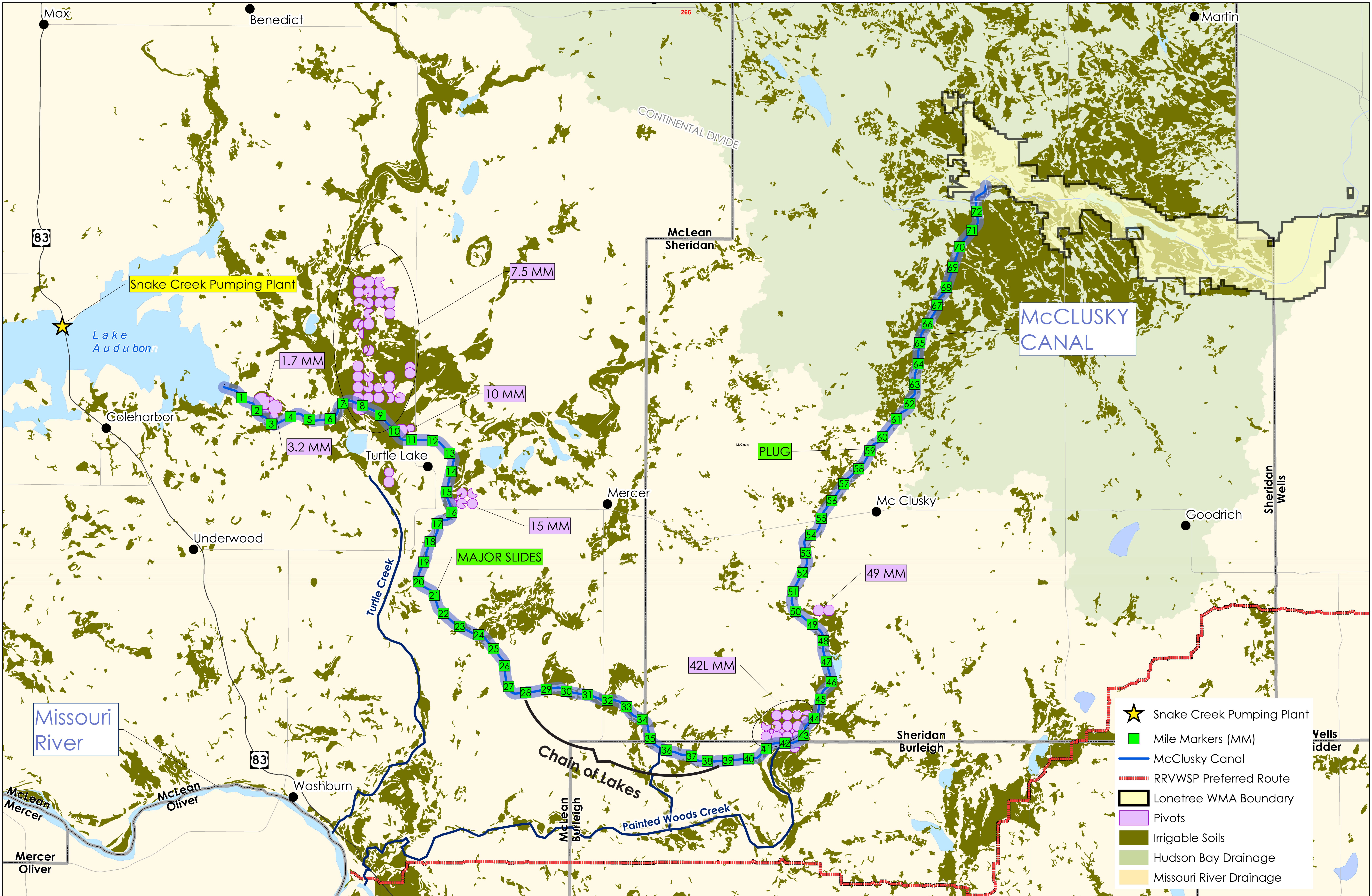
Task	Lead Firm	Position	PMVI	PMIV	ENGI	SRDSn3	PMIII	LSIV	LSI	GISV	COMIII	ADM III	Labor Detail	Labor Detail	Expense Detail	Expense Detail	Expense Detail	TOTAL	TOTAL	TOTAL	TOTAL	
			Principal	Project Manager	Staff Engineer	CAD Tech	Surveyor Manager	Land Surveyor	Land Surveyor	GIS	Communications	Admin	AE2S Level of Effort (hrs)	Labor Cost	Travel	Misc	Survey Equip	Total Expense	AE2S Level of Effort (hrs)	AE2S Labor Cost	Direct Expense	Fee
i	BV	Questionnaires		2	4								6	\$1,294				\$0	6	\$1,294	\$0	\$1,294
ii	BV	Qualifications of Apparent Successful Bidder	2	4	4								10	\$2,392				\$0	10	\$2,392	\$0	\$2,392
iii	BV	Bid Tabulations		2	4								6	\$1,294				\$0	6	\$1,294	\$0	\$1,294
iv	BV	Review of Contractor's Bonds, Insurance, etc.	2	2	4								8	\$1,875				\$0	8	\$1,875	\$0	\$1,875
C	BV	Post-award Services											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Prepare Issued-for-Construction CDs		4	4								8	\$1,810				\$0	8	\$1,810	\$0	\$1,810
ii	BV	Sched & Mod Preconst Conf (1 3-dy trp; x2)	2	12	12		12	12					50	\$11,065	\$500			\$500	50	\$11,065	\$500	\$11,565
iii	AE2S	Obtain Drone-Based Video						12			16		28	\$4,418	\$500	\$500		\$1,000	28	\$4,418	\$1,000	\$5,418
8		Bidding Assistance (Contract 4C)	8	70	56	0	12	24			16	0	186	\$40,757	\$1,500	\$500	\$0	\$2,000	186	\$40,757	\$2,000	\$42,757
A	BV	Advertisement and Bid Letting											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Finalize Front-End Documents											0	\$0				\$0	0	\$0	\$0	\$0
ii	BV	Invitation to Bid											0	\$0				\$0	0	\$0	\$0	\$0
iii	BV	Production of Contract Documents											0	\$0				\$0	0	\$0	\$0	\$0
iv	BV	Pre-bid Conference (virtual)		8									8	\$2,066				\$0	8	\$2,066	\$0	\$2,066
v	BV	Interpretation of Bidding Documents		24	24								48	\$10,861				\$0	48	\$10,861	\$0	\$10,861
vii	BV	Update Cost Opinion and Furnish OPCC											0	\$0				\$0	0	\$0	\$0	\$0
viii	AE2S	Bid Opening	2	12									14	\$3,681	\$500			\$500	14	\$3,681	\$500	\$4,181
B	BV	Pre-award Services											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Questionnaires		2	4								6	\$1,294				\$0	6	\$1,294	\$0	\$1,294
ii	BV	Qualifications of Apparent Successful Bidder	2	4	4								10	\$2,392				\$0	10	\$2,392	\$0	\$2,392
iii	BV	Bid Tabulations		2	4								6	\$1,294				\$0	6	\$1,294	\$0	\$1,294
iv	BV	Review of Contractor's Bonds, Insurance, etc.	2	2	4								8	\$1,875				\$0	8	\$1,875	\$0	\$1,875
C	BV	Post-award Services											0	\$0				\$0	0	\$0	\$0	\$0
i	BV	Prepare Issued-for-Construction CDs		4	4								8	\$1,810				\$0	8	\$1,810	\$0	\$1,810
ii	BV	Sched & Mod Preconst Conf (1 3-dy trp; x2)	2	12	12		12	12					50	\$11,065	\$500			\$500	50	\$11,065	\$500	\$11,565
iii	AE2S	Obtain Drone-Based Video						12			16		28	\$4,418	\$500	\$500		\$1,000	28	\$4,418	\$1,000	\$5,418
PROJECT TOTALS			298	1,534	1,552	324	328	536	200	888	202	240	6,102	\$1,288,102	\$60,000	\$1,500	\$48,000	\$109,500	6,102	\$1,288,102	\$109,500	\$1,397,602

ATTACHMENT F

FINAL DESIGN AND BIDDING ASSISTANCE SCHEDULE

DRAFT





McCLUSKY CANAL

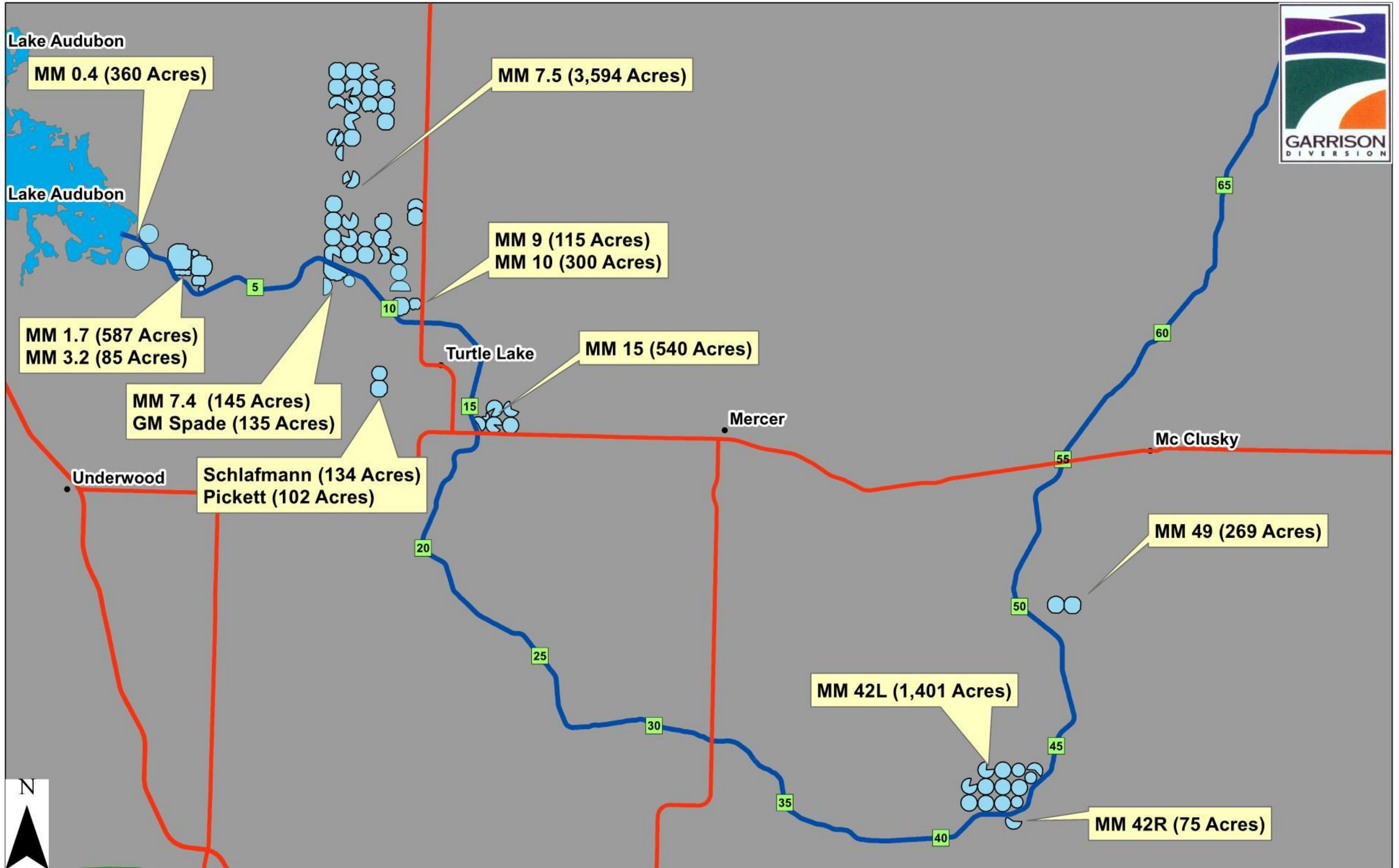
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Coordinate System: UTM Zone 14N

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Bureau of Reclamation Activities

Garrison Diversion Board of Directors Meeting
January 11-12, 2024

Municipal, Rural, and Industrial Program

Rural Water Budgets:

Rural Water Budgets	Final FY 2023*	FY2024*
GDU	38.425	42.224**
State	15.450	10.000
Tribe	22.975	5.224
Lewis & Clark	78.601	13.825
Fort Peck	15.000	0
Rocky Boys	97.321	19.946
Musselshell- Judith	27.600	3.000
E NM	96.140	7.051
Jicarilla	19.000	10.010
Total	372.087	122.804

*Includes BIL funding and additional earmarked funding

** Distribution of \$27M BIL has not been decided.

State Municipal Rural and Industrial Program

Northwest Area Water Supply (NAWS)

Construction is ongoing for the Biota Water Treatment Plant (WTP) Phase I (Contract 7-2A/4-1A), Snake Creek Pumping Plant Intake Modification (Contract 6-1A), and the South Prairie Reservoir and Hydraulic Control Structure (Contract 5-1A/B). The Biota WTP Phase I construction is 90+ percent complete; however, the startup of the Biota WTP has been delayed. The Snake Creek Pumping Plant (SCPP) Intake Modification project includes numerous submittals which is delaying the project; but the demolition and discharge contracts of the project are proceeding. The South Prairie Reservoir contract is 80+ percent complete and work will be ongoing into the spring of 2024.

Contract 4-4B/5-4B Bottineau Reservoir and Pump Station and Contract 2-1E Snake Creek Pumping Plant Discharge Pipeline contracts have been awarded. Work on the Bottineau Reservoir & Pump Station began in September and will continue as the weather allows. Work will restart in the spring of 2024. Work on the SCPP Discharge Pipeline also started this fall but has been delayed as the sponsor works through permit issues with the U.S. Army Corps of Engineers. The Minot WTP Phase III (Contract 7-1C) and the Souris Reservoir & Pump Station (Contract 4-4A/5-4A) projects are in the design phase.

Reclamation has collaborated with the Department of Water Resources and the City of Minot to prepare an Operations & Maintenance agreement for the NAWS Biota Water Treatment Plant. The Department of Water Resources and the City of Minot are parties to this agreement, with Reclamation. The Memorandum of Agreement has been signed by all parties. Reclamation is drafting a cooperative agreement between Reclamation and the Department of Water Resources which will be the funding mechanism by which Reclamation can provide Federal funds for the Operations and Maintenance of the Biota Water Treatment Plant.

Reclamation is preparing responses to comments on the draft Adaptive Management Plan received from Adaptive Management Team members. Reclamation will revise the draft Plan as appropriate and share it with team members. Another team meeting will be scheduled this winter.

Eastern North Dakota Alternate Water Supply (ENDAWS)

Reclamation, Garrison staff, and Garrison's consultant are coordinating with the U.S. Fish & Wildlife Service on proposed pipeline routes. Discussions on this topic continue to ensure compliance with National Environmental Policy Act (NEPA) commitments. The purchase of easements for this project has been included in the cooperative agreement (R17AC00049) as an approved activity.

Southwest Pipeline Project

Contract 1-2A, Supplementary Raw Water Intake – The marine and pipe contractors encountered some unanticipated issues with the horizontal drilling. Additional geotechnical assessments may be needed. The Department of Water Resources is working with the contractor on a claim filed and a path forward with this project.

Cooperative Agreement

Reclamation and Garrison Diversion's working relationship for the State Municipal, Rural, and Industrial (MR&I) Program is defined by the terms of a Cooperative Agreement (R17AC00049). Eighteen modifications have been completed for this agreement for the purposes of adding construction projects, engineering projects, and/or obligating funds to the agreement. A modification to this agreement will be initiated once the FY2024 appropriation funding amount is known.

Another cooperative agreement (R23AC00093) was executed in June 2023 to obligate Bipartisan Infrastructure Law (BIL) funds and included design and construction tasks associated with Phase II of the NAWS Biota Water Treatment Plant in the scope of work. The first modification to this agreement was executed in September 2023, to obligate the FY23 BIL funding (\$5,000,000) and add the Bottineau Reservoir and Pump Station contract and the Snake Creek Pumping Plant Discharge Pipeline contract to the scope of work of the agreement. A second modification to this agreement will be initiated when FY2024 BIL funding allocation is known.

Buy America Waiver

On November 9, 2023, Reclamation sent an email to Garrison Diversion and Department of Water Resources stating Reclamation's decision that the NAWs Biota WTP Phase I project does not require a Buy America waiver. Further explanation is in the email. The FY2023 appropriated funds provided for this contract can be expended.

Reclamation is also pursuing a Rural Water Program waiver that would exempt all Reclamation's authorized rural water programs from the Buy America requirements. On September 28, 2023, the Department of the Interior submitted this program waiver to the Office of Management and Budget for their consideration and public review process. DKAO will provide updates on this waiver request as we receive additional information.

Indian MR&I Program

Standing Rock MR&I System

The Tribe has awarded the Standing Rock Water Treatment Plant Membrane Equipment Procurement project to WesTech Engineering, Inc., from Salt Lake City, Utah, in the amount of \$1,033,556.51. These ceramic membranes will be used to increase the water treatment capacity of the Standing Rock Water Treatment Plant from 3 MGD to 5 MGD. Bartlett & West is the engineer for this project. Change Order No. 1 has been processed, upgrading clean in place (CIP) and backwash pumps and increased the contract by \$117,391.78 for a total contract price of \$1,150,948.29. Bartlett & West has designed and prepared plans and specifications for the installation of the procured membranes. The installation contract was bid on February 11, 2021, with no bidders. The Installation Contract was readvertised with a bid opening of March 16, 2021. The Installation Contract received three bids with the low bid coming from American General Contractors, Inc. of Valley City, North Dakota in the amount of \$2,021,350.87. Notice to Proceed was issued on August 5, 2021. The Substantial Completion Date is March 31, 2022. Due to several of the construction supplies having long lead times, the Substantial Completion date will not be met. The ceramic membranes were delivered to the Standing Rock Water Treatment Plant on November 16, 2021. Variable Frequency Drives (VFD's) were recently delivered in December. Therefore, the construction schedule now indicates a completion in January 2024.

Construction Contract Kenel to State Line project was bid on April 22, 2022, with Storms Construction as the only bidder. Storms Construction's bid of \$5,330,759.91 was \$253,080.09 lower than the engineer's estimate. Reclamation has a cost share in this project of \$144,500. The remaining funding was a U.S. Department of Agriculture (USDA) grant. This project includes installation of 54,013 feet of 6 inch PVC Standard Dimension Ratio (SDR) 17 water main, 1,458 feet of 12 inch yellow directional drilled casing, 4,845 feet of 6 inch high density polyethylene (HDPE) directionally drilled piping, 36 air release valve pits with 560 feet of 1 inch PE 250 psi piping, 1 inch corporation stops and 1 inch curb stops, 2 pressure reducing valve vaults, 18 - 6 inch gate valves, 13 - 1 inch stainless steel saddle with 1 inch corporation stop, 14 - 1 inch curb stops, 1,294 feet of 1 inch HDPE 250 psi, 1,120 feet of 1 inch HDPE 200 psi, 1 - 1 ½ inch stainless steel saddle with corporation stop, 1 - 1 ½ inch curb stop, 940 feet 1 ½ inch PVC SDR 17, 15 meter pits, 6 - 2 inch flush hydrants, 100 feet of 1 inch HDPE non cased

directional drilling, 1,000 feet of 2 inch HDPE non cased directional drilling, 7,200 feet of 4 inch PVC SDR 17, 4 inch gate valve, 4 inch flush hydrant, 85 feet of 8 inch yelomine bored casing, 388 feet of 4 inch yelomine bored casing and related materials and appurtenances. The pre-construction conference was held on August 4, 2022, and the notice to proceed was issued on August 10, 2022. The contract documents indicate the final completion date shall be no later than 250 calendar days after the notice to proceed. Storms Construction began installing the pipeline in August 2022. Storms Construction mobilized the first week of May 2023 and has continued installation of the rural water line through the summer. The lines have all been installed and the contractor is working on disinfecting, flushing, and testing the lines. The final inspection will take place in the spring.

Spirit Lake MR&I System

Preliminary design and right-of-way acquisitions continued on several projects including: Tokio Service Area, Service to Warwick School, and Warwick Service Area.

Fort Totten Community Upgrades' design has been completed by Indian Health Service (IHS). The project was bid in May, after the Grant of Right of Way was received from the Bureau of Indian Affairs (BIA). The low bidder was Storms Construction with a bid of \$3,106,992.07. The pre-construction conference was held on October 21, 2022. Storms Construction began construction on May 8, 2023, fusing pipe for directional drilling. The final completion date for this contract is October 31, 2023. Indian Health Service has indicated the substantial completion date has been extended into 2024.

Reclamation staff has continued to work with the Tribe's operators to help resolve operation and maintenance issues with the B6 Booster Station, the St. Michael control vault, the Water Treatment Plant and most recently are working with North Dakota Water Resources and North Dakota Game and Fish to explore service options for the town of Oberon and the White Horse Hill Game Preserve.

Fort Berthold Rural Water System (FBRWS)

The Tribe-FBRW continues to have periodic needs for temporary MR&I raw water intakes throughout the reservation for Industrial purposes. Reclamation will submit the permit application to the U.S. Army Corps of Engineers for temporary intakes as soon as the site(s) become known and adequate information is available to do so.

In March 2023 the Tribe-FBRW was awarded \$54.38 million of Infrastructure Investment and Jobs Act (IIJA) - Bipartisan Infrastructure Law (BIL) Aging Infrastructure (AI) funds from Reclamation. The Tribes' August 2023 letter requests to enter a 638 contract for those AI funds; Reclamation is still developing the 638 contract. The results of Reclamation's July 2023 Management Standards Review - needed before entering a new contract – was shared with the Tribe in October 2023. In December 2023 the Tribe requested more time to comment on the draft findings letter. Because the 638 AI contract is not in place yet, the Tribe-FBRW decided to pause engineering and design work on the AI projects. IHS also awarded IIJA-BIL funds to the Tribe for projects that Reclamation awarded BIL funds for. The Tribe has passed resolutions to fund some projects of those project using their own (non-Federal) funds.

Each of the six Tribal Representatives have plans for development in their Segment. When funds from Reclamation are not available, then other sources (Tribal dollars) would be used to cover the costs. Projects using non-Federal Tribal funds are anticipated to be conducted in a manner that meet Federal requirements, making the costs reimbursable if a new Dakota Water Resources Act construction ceiling is authorized.

The programmatic Environmental Assessment is nearly complete for the Fort Berthold Rural Water System. It is anticipated to be finalized in January/February 2024.

Turtle Mountain Rural Water System

Contract 3-2 Membrane Treatment Improvements - The membrane treatment project will address the formation of disinfection by-products caused by an organic component in the source ground water. Project re-advertised in September 2019, with two responsible bidders submitting bids, with apparent low bidder being approximately \$1 million over. Consultant negotiated with low bidder, and project was awarded in July 2020. Construction began fall 2020. A soft start-up was completed in December with some issues being addressed.

Contract 2-4 Thorne Reservoir and Booster Station – This project includes the construction of a 500,000-gallon raw water reservoir and booster pumping station, which will help to meet pressure and quantity demands on the system and will increase the efficiencies of the well field pumps. This project was advertised spring 2020, with all bids being \$3 million plus above engineer's estimate. Consultant amended the Plans & Specs, and re-advertised fall 2020. Negotiations with contractor took place with the project being awarded spring 2021. Project is near Substantial completion.

Contract 1-10 Highway 43 Corridor Phase 3 – This project continues to add main line and service connections along Highway 43 west of the Lake Upsilon area (Phase 2). This project will complete a loop in the system to ensure reliable service to the community. Design is complete. Turtle Mountain worked with Rollet County as a project sponsor to secure North Dakota state grant funding. Project was advertised and awarded on August 10, 2022, with construction taking place this summer and construction being approximately 50 percent complete before winter shut down. Project has reached substantial completion.

Contract 4-3 Belcourt Sewer and Water Phase 5 – This project will replace aging existing water and sewer lines within Belcourt. This project received \$4 million in Aging Infrastructure Funding. It was advertised and awarded to Marion Contracting for \$6,335,487. Project currently under construction.

Trenton Indian Service Area

The Hilltop Water and Sewer Replacement and Pressure Reducing Valve (PRV) Vault project was awarded to Teraflex Group, LLC for \$495,835 and construction work was started summer 2018. The project installed 2539 LF of water line and will replace the existing Booster Station B with a PRV to connect to the existing Western Area Water Supply mainline. User agreement with Western Area Water Supply is still being negotiated, with work on the PRV to be completed when agreement is finalized.

Principal Supply Works

Repayment Contract

Reclamation continues to collaborate with Garrison Diversion on the Municipal and Industrial (M&I) pricing for the capital repayment of the Garrison Diversion Unit Project. On June 29, 2022, Regional Director presented Garrison Diversion with a repayment cost of \$47,501 per cubic feet per second. Garrison Diversion did not accept the repayment cost presented and will be coordinating with North Dakota congressional staff for protentional legislation.

Snake Creek Pumping Plant (SCPP)

Reclamation continues discussion with the U.S. Army Corps of Engineers on the Snake Creek embankment foundation concerns. Reclamation has signed to be a cooperating agency with the U.S. Army Corps of Engineers in preparing their Dam Safety Modification Study and National Environmental Policy Act (NEPA) review. The preferred alternative removes the 43 feet reservoir restriction and focuses any future reservoir restrictions to be based on embankment performance data at the time. The Corps will be conducting a 30 percent design technical analysis of one of the structural plans that is separate from the Dam Safety Mod Study. Reclamation and Garrison Diversion continue to prepare a feasibility design and cost estimate to provide water to Snake Creek Pumping Plant and the McClusky Canal should a Lake Audubon restriction be implemented.

Further excavation of the cofferdam was introduced to the Corps of Engineers in late December as part of the Northwest Area Water Supply (NAWS) permanent intake. The NAWS intake installation would provide an opportunity to dredge the existing cofferdam from elevation 1795 to 1780. Discussions will continue in the coming months on the proposed permanent intake and cofferdam dredging.

McClusky and New Rockford Canals

Reclamation has received Garrison Diversion's 2024 workplan and has identified sufficient funding to cover their budget request.

Irrigation

Jamestown Dam

Fall drawdown to the base flood control pool elevation 1429.8 was completed on October 28, 2023.

Turtle Lake and McClusky Canal Irrigation Areas

Reclamation and Garrison Diversion executed the irrigation repayment contract to increase the 2023 irrigated acres by 595 acres, to a total of 7,842.6. Reclamation amended the repayment contract in September to correct errors in the exhibits. Reclamation is amending the project use power contract to include these acres for the 2024 irrigation season. A deviation from Reclamation policy is being prepared to allow project use power to non-Reclamation owned pumping facilities.

Standing Rock Irrigation Project

Tribe's Fiscal Year 23 Aging Infrastructure application through the Bipartisan Infrastructure Law funding for embankment stabilization geotechnical study at Eagle Unit was awarded. Tribe decided to modify existing 638 contract and started contract modification process. Data collected will be used for evaluating permanent repair options of the embankment in the future. Tribe is submitting a Fiscal Year 24 Aging Infrastructure application for buried power line replacement at the Fort Yates unit. At Eagle Unit a pipeline inspection of the 30" pipe to determine the integrity of it is in the schedule, since it has not been inspected since installation in 1985. Reclamation has worked with the Tribe and their irrigator to develop a long-term plan that addresses the future of their three irrigation units. This plan is being used to explore the availability of funds to complete their efforts.

Recreation Development

Chain of Lakes

Will be connecting with staff at Knife River to determine one way or the other if we can establish an Interagency Agreement with National Park Service Law Enforcement or if we need to move forward with the Bureau of Land Management again.

Will be following up with the Garrison Diversion Conservancy District to develop plans for shoreline stabilization project on New Johns and move forward with the Categorical Exclusion Checklist.

Data from the season is now being analyzed and prepared for presentation to state parks.

North Dakota Natural Resources Trust

Reclamation staff attending Trust Board meeting on January 11, 2024, from 9 a.m. - 4 p.m.

Wildlife Program

Lonetree

Budgets and workplans for Fiscal Year 24 have been received by Reclamation. Funding mod is with Region.

Audubon

Budgets and workplans for Fiscal Year 24 have been received by Reclamation. Funding mod is with Region.

Arrowwood

Budgets and workplans for Fiscal Year 24 have been received by Reclamation. Funding mod is with Region.

Scattered Tracts

Budgets and workplans for Fiscal Year 24 have been received by Reclamation. Funding mod is with Region.

2023 ACCOMPLISHMENTS

Garrison Diversion Conservancy District

1) Federal/National

- a) Met with Brent Esplin, Regional Director of Bureau of Reclamation, 5 times
- b) Held multiple meetings with Congressional Delegation to provide updates on RRVWSP and GDCD
- c) Attended NWRA 92 Annual Conference
- d) Attended NWRA Leadership Forum
- e) Attended Family Farm Alliance Conference
- f) Attended NRWA WaterPro Conference
- g) Attended NWRA Federal Water Issues Conference
- h) Met with Commissioner Touton 3 times
- i) Attended NWRA Western Water Seminar
- j) Attended 2 Groundwater Management District Association Conferences
- k) Attended International Red River Watershed Conference
- l) Received BABA waiver for NAWS
- m) Working with DWR, Sen. Hoeven and tribal leaders on increasing the MR&I authorization
- n) Developed language for S. 461

2) MR&I Program

- a) Maintained communications with State Water Commission, ND Rural Water Systems Association and League of Cities
- b) Participated in 3 water supply funding agency meetings
- c) Distributed \$17.6 million from the MR&I Fund
- d) Awarded \$14.58 million to MR&I projects
- e) Awarded \$314,688 in Water Supply Assistance Grant funds
- f) Secured \$1.5 million for ENDAWS
- g) Signed BIL Cooperative Agreement with Bureau of Reclamation

3) Agriculture and Irrigation Development

- a) Hosted Irrigation Appreciation supper
- b) Provided \$167,865 for irrigation trials
- c) Provided \$25,000 to support the ND Irrigation Association
- d) Provided \$3,627 towards irrigation development
- e) Provided \$16,083 for the Robert Titus Lease
- f) Approved a 2023 budget of \$167,865 for OIRS, plus \$653,800 to construct a building
- g) Spent \$358,891 to date on OIRS building
- h) Participated in groundbreaking for building at the OIRS
- i) Presented at ND Water Convention Irrigation Workshop
- j) Supported the NDIA to secure a 75% cost share and increase in Ag PACE buydown cap for irrigators

- k) Issued Irrigation Repayment to the Bureau of Reclamation to buy out RRA acres

4) Red River Valley Water Supply Project

- a) Provided support for Lake Agassiz Water Authority
- b) Facilitated 5 Lake Agassiz Water Authority meetings
- c) Facilitated 3 LAWA Technical Advisory Committee meetings
- d) Facilitated 2 LAWA Financial Advisory Committee meetings
- e) Facilitated 1 LAWA Technical Advisory Committee Operational Subcommittee meetings
- f) Presented RRVWSP updates at 2 Water Topics Overview Committee meetings
- g) Engaged in many RRVWSP Leadership Strategy, Financial Planning, Administrative, Engineering, Construction and Policy & Risk Management meetings
- h) Continued meeting with state legislators
- i) Met with House and Senate Majority Leaders regarding RRVWSP
- j) Met with state and federal agencies to provide updates on the RRVWSP
- k) Invested \$30.925 million in the RRVWSP
- l) Updated financial modeling options
- m) Received \$180 million in RRVWSP funding from State Water Commission
- n) Approved a financing resolution pertaining to Garrison Diversion Conservancy District's \$48,697,560 Water Revenue Bond, Series 2023
- o) Awarded bids for RRVWSP Transmission Pipeline Contract 5C and 5D
- p) Finalized the Missouri River Intake Contract 2
- q) Continued right-of-way effort in Griggs, Foster, Wells and Sheridan Counties
- r) Participated in regular meetings with BND regarding RRVWSP financials
- s) Held multiple meetings with the City of Washburn and Rainbow Energy as potential RRVWSP participants
- t) Supported the Project Participation Agreement with LAWA
- u) Participated in a Strategic Partnering session with LAWA Leadership
- v) Completed a contractor Prequalification process for pipeline contractors
- w) Approved RRVWSP 2023-2025 Biennium Work Plan and Budget for \$244 million
- x) Conducted User meetings (SEWUD, City of Carrington, NE ND water districts)
- y) Secured \$953 million in legislative intent for upcoming biennia
- z) Continued operational planning for the RRVWSP
- aa) Supported Fargo and Grand Forks in cost allocation
- bb) Installed 4 miles of transmission pipeline for Contract 5B
- cc) Approved Conflict of Interest Policy and Waiver
- dd) Issued Bonus Payments for RRVWSP easements
- ee) Transmission Pipeline Contract 6A is bid ready
- ff) Issued \$80,550 in crop damages

5) Natural Resources

- a) Assisted with maintenance of Audubon & Arrowwood National Wildlife Refuges
- b) Assisted with maintenance of Lonetree Wildlife Management Area
- c) Assisted with maintenance of mitigation features as requested by Reclamation
- d) Completed a wetland area for ND G&F at Painted Woods

6) Recreation Program

- a) Awarded \$1,152,007 to 45 projects
- b) Expended \$708,685 to previously approved projects
- c) Continued maintenance of recreation facilities at Chain of Lakes Recreation Area

7) Administrative/Legislative

- a) Attended multiple meetings with ND Water Users and Water Coalition
- b) Participated in 2023 Legislative Session and Legislative Special Session
 - i) HB1218
 - ii) SB2020
 - iii) SB2251
 - iv) SB2313
 - v) SB2330
 - vi) SB2364
- c) Facilitated 29 Garrison Diversion Board & Committee meetings
- d) Reported GDCD activities at State Water Commission meetings
- e) Attended Ag Coalition meetings
- f) Conducted 2024 Budget Hearing to fulfill statutory requirement
- g) Completed 2022 Audit with no findings
- h) Attended Upper Missouri Water Users Association Conference
- i) Participated in virtual Red River Basin Commission Water Supply Working Group meetings
- j) Attended 2 GDU Semi-Annual meetings
- k) Finalized Indirect Cost calculation to the Interior Business Center
- l) Attended multiple meetings with BOR Area Manager
- m) Initiated Program Management Information System software development
- n) Secured Fryberger Law Firm as Bond Counsel for Garrison Diversion RRVWSP financing
- o) Held two All Staff meetings
- p) Capital Purchases/Building Improvements
 - i) Security Cameras
 - ii) AC
- q) Approved \$30,000 to support the Missouri River Joint Water Board's Educate, Advocate and Engage Program
- r) Approved \$30,000 for the Upper Sheyenne River Joint Water Resource Board's Upper Sheyenne Pilot Project
- s) Approved \$47,700 of funding assistance for the Missouri River Recovery Program Implementation Committee
- t) Renewed the contract with AON

- u) Signed Series D1 Financing for the RRVWSP
- v) Closed on a \$60 million bond with BND
- w) Met with Burleigh and Sheridan County Commissions regarding their mill levy to the district
- x) Purchased new iPads for the Board of Directors

8) Public Relations

- a) Implemented 2023 Garrison Diversion Communications Work Plan
- b) Implemented 202 RRVWSP Communications Plan
- c) Developed & submitted 8 ND Water magazine stories
- d) Developed and published the 2022 Annual Report
- e) Prepared and distributed 8 news releases
- f) Staffed Garrison Diversion and LAWA booths at 6 conferences/events
- g) Updated and maintained Garrison Diversion website
- h) Updated and maintained LAWA website
- i) Updated and maintained RRVWSP website
- j) Maintained Facebook and Twitter social media accounts for Garrison Diversion and RRVWSP
- k) Distributed Quarterly RRVWSP Newsletter
- l) Developed multiple information pieces for RRVWSP and Garrison Diversion
- m) Updated exhibit booth displays
- n) Continued to support ND's water community
- o) Participated in National AIS week in conjunction with ND G&F
- p) Created GDCD Benefits handouts for 4 counties
- q) Presented on Garrison Diversion and the RRVWSP with the International Red River Watershed Board, Missouri River Joint Water Board Public Meetings, City of Washburn, Burleigh County Commission,
- r) Hosted tours of GDCD and RRVWSP facilities and construction sites
- s) Redesigned existing RRVWSP Overview video
- t) Redeveloped 3 websites: Garrison Diversion, RRVWSP and LAWA
- u) Hosted All Water Social in conjunction with ND Water Users Convention

9) Engineering & Operations

- a) Major equipment purchases
 - i) 6x6 ATV
 - ii) Fuel Tracking System
- b) Moved approximately 110,000 cubic yards of earth at the Major Slide Repair
- c) Maintained quality staff and equipment
- d) Updated and implemented "5-Year Work Plan"
- e) Completed 2023 annual work plan on GDU facilities
- f) Completed 2023 annual work plan for Devils Lake Outlet maintenance
- g) Operated and maintained 13 McClusky Canal Irrigation Projects
- h) Completed 2 trenchless crossings at the major slide area
- i) Participating in NAWS construction activity at SPP

- j) Performed maintenance for RRVWSP Sheyenne River Discharge Structure
- k) Performed maintenance for RRVWSP Washburn Intake Structure
- l) Hosted tours at the Snake Creek Pumping Plant for various groups
- m) Engaged as a Cooperator in USACE Snake Creek Embankment Dam Safety Modification Study
- n) Completed access road to Engel's Point WMA
- o) Inspected 4 inaccessible bridge features along the New Rockford Canal
- p) Completed VRAP (Voluntary Response Action Plan) and removal of bituminous material found at the New Rockford shop
- q) Hired 2 new O&M employees

2024 WORK PLAN

Garrison Diversion Conservancy District

A. Federal

1. Continue to monitor and engage in WOTUS rule
2. Maintain cooperative agreements with Reclamation
3. Finalize cost of water and sign ENDAWS Master Repayment Contract
4. Support Federal legislation allowing irrigation districts access to PUP outside the McClusky Canal corridor

B. MR&I Program

1. Administer Garrison Diversion Water Supply Assistance Grant Program
2. Work with NDRWSA, Reclamation and other agencies to support rural water users
3. Work with ND Water Coalition to examine funding priorities
4. Increase Federal cost ceiling authorization for MR&I
5. Secure additional funding for ENDAWS

C. Develop and enhance irrigation in North Dakota

1. Provide assistance and support to the ND Irrigation Association
2. Continue outreach with power coops regarding future development of the McClusky Canal Power Infrastructure Master Plan
3. Continue development of the McClusky Canal Irrigation Project
4. Continue to support irrigation in current state cost-share policy

D. Red River Valley Water Supply Project

1. Provide support for Lake Agassiz Water Authority
2. Explore James River water for MR&I water delivery
3. Continue to execute the 2023-2025 RRVWSP work plan
4. Support affordable funding plan for RRVWSP
5. Execute Project Participation Agreement with LAWA
6. Complete construction on 9-mile (Contract 5B) segment east of Carrington
7. Continue User Outreach effort
8. Further research user nominations, pipe size and hydraulics
9. Implement Program Management Information System
10. Bid and secure contract for Transmission Pipeline Contract 6A
11. Begin construction on Transmission Pipeline Contracts 5C and 5D.
12. Complete Final Design on Contract 4 and Contract 7,
13. Begin Preliminary Design on the (Biota Water Treatment Plant, McClusky Canal Intake and Pumping Station and Hydraulic Break Tanks)
14. Begin Phase III of Operational Planning
15. Work with water systems to sign a Memorandum of Commitment
16. Continue supporting USACE on Water Control Manual Update

E. Natural Resources

1. Assist with maintenance of Audubon & Arrowwood National Wildlife Refuges
2. Assist with maintenance of mitigation features as requested by Reclamation

F. Recreation Program

1. Administer Garrison Diversion Matching Recreation Grant Program
2. Continue maintenance of facilities at Chain of Lakes recreation areas

G. Administrative/Legislative

1. Prepare for the 2025 legislative session
2. Review and update Garrison Diversion Bylaws
3. Replace Ford Explorer
4. Replace Tahoe
5. Research and establish a digital filing system
6. Update Employee handbook
7. Update Garrison Diversion board policies
8. Implement IT security program
9. Secure Managed IT services
10. Hire Accountant
11. Hire Engineer

H. Public Relations

1. Develop, publish and distribute 2023 Annual Report
2. Develop and distribute RRVWSP Quarterly Newsletter
3. Develop ND Water magazine stories (8 issues)
4. Staff Garrison Diversion and LAWA display booths at appropriate conferences and events
5. Prepare and distribute news releases regarding Garrison Diversion, RRVWSP and LAWA efforts
6. Develop and update public information pieces as needed
7. Maintain social media sites for GDCD and RRVWSP
8. Implement 2024 Communications Work Plan
9. Finalize and install wall displays at headquarters building

I. Engineering & Operations

1. Maintain quality staff and equipment
2. Implement "5-Year Work Plan"
3. Complete 2024 annual work plan on GDU facilities
4. Complete 2024 annual work plan for Devils Lake Outlet maintenance
5. Complete 2024 LAWA water quality monitoring plan
6. Complete 2024 work plan for McClusky Canal Irrigation Projects
7. Assess the future utilization of the New Rockford Canal

* 2024 additions



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North Dakota Irrigation Association

P.O. Box 2254
Bismarck, ND 58502
701-223-4615
701-223-4645 (fax)

Dedicated to strengthening and expanding irrigation to build and diversify our economy

To: Garrison Diversion Conservancy District Board of Directors
From: Dani Quissell
Date: January 3, 2024
RE: Irrigation Association Update

Below are two updates from the Irrigation Association.

Reactivation of Irrigation Districts

The Irrigation Association will undertake an effort in 2024 to reach out to inactive irrigation districts to communicate recent changes in cost share policy regarding irrigation development and to offer assistance in reactivating districts should there be a desire to do so. Any information the board might have on contact information for currently inactive districts would be most helpful.

Irrigation Study

The Irrigation Association is working with GDCD staff, the Department of Water Resources and NDSU Extension to explore the possibility of conducting a statewide feasibility study looking at ideal areas of irrigation development and examining possible barriers to development. The group is currently compiling a scope of work to propose to researchers, likely at NDSU. Any feedback the board has on this idea would be welcome.

North Dakota
Irrigation Association



2023 Report

To the Garrison Diversion Conservancy District

Narrative Summary of Past, Ongoing, and Future North Dakota Irrigation Association (NDIA) Activities

General:

North Dakota has approximately 300,000 acres of irrigation used in the production of a variety of crops including corn and cereal grain crops, livestock forage, and high value crops such as potatoes, sugar beets, and onions. Especially in dry years, irrigation is vital to supporting agriculture and value-added processing in the state.

The current irrigated acres are small in comparison with the number of acres statewide that are considered irrigable, and there continues to be strong interest in expanding irrigation acres in the state. The North Dakota Irrigation Association (NDIA) continues to work to identify and address barriers to irrigation development in the state at both the state and federal level.

By far the greatest potential for irrigation development is in areas where Missouri River water can be used. As such, the NDIA spent considerable time focusing on those opportunities and barriers to development using Missouri River water.

Irrigation from the McClusky Canal:

The McClusky Canal was developed as part of the Flood Control Act of 1944 to deliver Missouri River water eastward across North Dakota largely for irrigation purposes. Although the Canal has not been fully developed due to legal issues, there is irrigation established along the Canal, and there continues to be potential for increasing irrigation along it.

About 7,500 acres were irrigated from the McClusky Canal during 2022 which included irrigation from: MM 1.7 Intake, MM 3.2 Intake, MM 7.4R Intake, MM 7.5 Intake, MM 9 Intake, MM 10 Intake, and MM 15 Intake, MM 42L Intake, MM 42R Intake, MM 49 Intake, GM Spade, LLP, and Schlafmann/Pickett Siphon. One pivot system in MM 7.5 was irrigated from groundwater.

The Garrison Diversion Conservancy District (GDCCD) has received significant interest in irrigation over the past few months. While many plans are still in initial stages, if all acres being considered would be fully developed, there would be an additional 6,000 acres of irrigation developed with the assistance of the GDCCD.

The cost of developing these projects is being funded in two ways: (a) the main infrastructure, pumping plant and main pipelines to deliver water to the fields is cost shared on a 75-25 basis with the State Water Commission (SWC) and (b) through a funding authority provided to the GDCCD to levy assessments for debt repayment,

operation, and maintenance. The on-farm costs are the responsibility of the farmer and landowner.

The latest reformulation of the Flood Control Act of 1944, the Dakota Water Resources Act (DWRA), authorized the irrigation of 13,700 acres in the Turtle Lake service area and an additional 10,000 acres along the McClusky Canal along with 28,000 acres in undesignated areas in the Missouri River Basin exclusive of James River drainage. The authorization of these acres via the DWRA gives irrigators on those acres access to project pumping power.

Project Pumping Power

Project pumping power is reduced rate power that is offered to offset the increased costs irrigators experienced due to the building of the Garrison and Oahe dams. Project pumping power is a critical benefit for making irrigation in parts of North Dakota a possibility. Project pumping power is not applied to all power used by an irrigator, but simply to what is referred to as “first lift power,” the power needed to get water from the river to the field.

The rate producers pay for project pumping power is set by the Bureau of Reclamation and changes over time. Currently, the rate for project pumping power in eligible areas in North Dakota is about 13.7 mills/kilowatt hour or about 1.37 cents/kilowatt hour. The NDIA conservatively estimates that access to project pumping power reduces an eligible irrigator’s power costs by 30%.

The 28,000 undesignated acres in the DWRA referenced above have been undeveloped in North Dakota due to a misinterpretation by the Bureau of Reclamation (Bureau) which has prevented the Bureau from offering project pumping power on any of these undesignated acres. In 2023, the NDIA worked with the North Dakota delegation, led by Senator Kevin Cramer, to introduce clarifying legislation regarding the eligibility of the 28,000 undesignated acres.

The bills, S. 4614/H.R. 1061, were introduced in February 2023 and referred to committee. This legislation is identical to legislation introduced in the last Congress, which received a hearing in relevant committees for both the U.S. Senate and the U.S. House of Representatives. There is some opposition to the bill from a key chairman in the Senate. The NDIA is working closely with Sen. Cramer’s office to resolve this opposition.

Integral to the success of this legislation thus far has been the coordinated engagement of water and agriculture organizations in support of these bills. The NDIA has worked diligently to educate and engage a variety of stakeholders on this important issue, including the: North Dakota Department of Water Resources, GDCD, North Dakota

Association of Rural Electric Cooperatives, North Dakota Water Users Association, North Dakota Ethanol Producers Association, North Dakota Corn Growers Association, North Dakota Soybean Growers Association, Northern Plains Potato Growers Association, North Dakota Farmers Union, and North Dakota Farm Bureau.

Research Support:

The NDIA continues to support research at the North Dakota State University (NDSU) Extension research facilities. The association engaged with the State Board of Agricultural Research and Education (SBARE) to advocate for additional resources for both the Oakes Irrigation Research Site and the Nesson Valley Irrigation Site. The NDIA is grateful for the important funding secured for these two research sites through HB 1020 which passed during the 2023 legislative session.

Additionally, the NDIA intends to engage in and support research field days throughout the summer as time and resources allow.

Irrigation Highlighted in Tours and at the State Fair:

The North Dakota Water Education Foundation's summer water tour program for 2023 included several irrigation related stops. The June 22 tour in the Devils Lake area included a stop at NDIA board member Mike Tweed's farm. The July 12 tour of the Missouri River included a stop at the Price Farm to look at their irrigation system. The August 9 tour in the Fargo area included a stop at an NDSU research plot studying irrigation practices on specialty crops.

The NDIA also had a booth at Water Day at the North Dakota State Fair on July 27. This annual event gives the association the opportunity to engage with the public and answer questions about irrigation in North Dakota.

NRCS EQIP Grant:

Over the past two years, the NDIA worked with the US Department of Agriculture's Natural Resources Conservation Service (NRCS) to apply for dedicated cost-share dollars through the Environmental Quality Incentives Program (EQIP). These dollars were granted to irrigators looking to make improvements to existing irrigation systems that would increase water efficiency. Examples of eligible projects included: transitioning from flood irrigation to pivot, installing variable rate irrigation on an existing low-pressure system, or converting a high-pressure center pivot to a low-pressure system. More than \$2.2 million in federal funds were used to make these types of upgrades to systems across the state.

Due to changes in programmatic priorities, the dedicated EQIP funding was not available in 2023. The NDIA will continue to look for ways to partner with NRCS to identify federal dollars to support irrigation in the state.

State Policy Work:

The NDIA was active during the legislative session, testifying and lobbying in support of policy changes to the water permit process and funding for irrigation research and development. The NDIA supported HB 1074 and HB 1075. Both bills included updates to the water permit system supported by the Department of Water Resources (DWR). The NDIA appreciates the DWR's work to make the water permit process as straightforward as possible. The NDIA was also active in supporting HB 1020 (funding for irrigation research) and SB 2020 (funding for the State Water Commission).

The interim will continue to be busy as the NDIA is actively following the interim Water Topics and Taxation Committees. The Taxation Committee will be studying an issue involving property tax rates on agricultural warehouses that are currently privately owned but were formerly used commercially. This issue impacts several irrigation members who have purchased warehouses for private storage of high value crops, like potatoes.

The NDIA was successful in petitioning the State Water Commission (SWC) to modernize state resources available to support irrigation development. At its October meeting, the SWC increased its cost share from 50 percent to 75 percent for irrigation districts building or updating "off farm" or shared works, those pieces of an irrigation system that are shared among producers such as intakes or transmission pipes. It also increased the interest rate buydown available to individual producers through the Ag PACE program, which is administered by the Bank of North Dakota (BND), from \$40,000 to \$60,000. The NDIA had requested a buydown max of \$100,000. In addition, the SWC directed staff to work with the BND to look for other BND programs that could provide additional buydown.

Irrigation Excellence Award:

The NDIA recognized the VanRay Family and Jerry Bergman each with the Irrigation Excellence Award at the annual water convention.

The VanRay brothers, Bill, Jeff, and Kent, are third-generation farmers from Pingree, ND. More than 25 years ago, they began their foray into irrigation with an investment in pivot irrigation systems for producing potatoes. The VanRays are committed stewards of land and water resources, and through the implementation of technology, they continue to innovate with their irrigation systems using both ground and surface water. The brothers are also dedicated to investing in their community and the people who reside there. The VanRay brothers are continuing their legacy of stewardship, community relations, economic development, innovation, management, and good farming practices with their sons – five of whom are now actively engaged in their irrigation and farming operation.

For nearly 50 years, Jerald “Jerry” Bergman has been instrumental in the development of irrigated research in North Dakota and Montana, a joint region encompassing more than 30 million acres. As the joint supervisor/director of both the Williston Research Extension Center in Williston, ND, and the Eastern Ag Research Center in Sidney, MT, Jerry led the efforts to bring resources and funding to the area for irrigation research and development. In his 49-year career, he secured funding to develop the NDSU Nesson Valley Irrigation Research and Development Project (NVIRDP), and his legacy will continue with the Irrigation Research and Development Technology Transfer Center at the NVIRDP with construction in 2024. Jerry retired in October 2022, but his leadership and forward-thinking regarding value-added agriculture using advanced irrigation technologies will live on in the region.

Annual North Dakota Water Convention and Irrigation Workshop:

The 2023 Water Convention and Irrigation Workshop was held December 5-8 in Bismarck. The theme of this convention was “60 Years of Making a Difference,” marking the 60th annual water convention.

The Irrigation Workshop was held on December 7. Presentations on the Farm Bill, Waters of the United States (WOTUS), state support for irrigation, and an update on the state of water appropriations were highlighted. There were also updates on NDSU research projects.

The NDIA member meeting was held on December 7. The meeting minutes from the member meeting and roster of 2024 board members accompany this report.

Membership:

As of November 2023, the NDIA membership is 106. Membership remained steady in 2023.

2023 Activities

The North Dakota Irrigation Association continues to assist in its efforts to advance opportunities for irrigation and value-added agriculture. In 2023, the NDIA:

1. Increased cost share and interest rate buydown offered by the State Water Commission available to support new and existing irrigation.
2. Lobbied and testified at the Capitol during the 2023 Legislative Session for funding for irrigation and policy to streamline the permit process. Distributed weekly legislative updates.
3. Arranged for irrigation to be highlighted in three Water Education Foundation 2023 Summer tours
 - a. The June 22nd tour in Devils Lake
 - b. The July 12th tour in Bismarck
 - c. The August 9th tour in Fargo
4. Lobbied in favor of project pumping power legislation in DC. Organized state-wide support from water and agricultural organizations.
5. Updated interim legislative committees on irrigation activities.
6. Supported irrigation research requests to the State Board of Agricultural Research and Education.
7. Participated in Ag Coalition meetings.
8. Attended and participated in SWC meetings.
9. Met regularly with the Garrison Diversion Conservancy District.
10. Maintained the NDIA Facebook page.
11. Distributed bimonthly policy updates to all members to keep members aware of ongoing policy issues.
12. Coordinated the placement of irrigation related articles in the *North Dakota Water* magazine.

2024 Workplan

1. Maintain and Sustain the Organization
 - a. Maintain current membership and recruit new members
 - b. Conduct board meetings
 - c. Hold annual member meeting
 - d. Maintain the office
 - e. Maintain and distribute promotional materials
 - f. Maintain website and Facebook page
 - g. Maintain finances of the organization

2. Irrigation Education
 - a. Prepare irrigation focused articles in the *North Dakota Water* magazine
 - b. Promote Research Field Days and participate if possible
 - c. Arrange irrigation tours in coordination with the ND Water Education Foundation

3. State Policy Support
 - a. Participate in the North Dakota Water Coalition funding process
 - b. Support legislative and administrative proposals to improve irrigation opportunities, investment, cost-share and incentives
 - c. Support Legacy Fund and infrastructure funding proposals
 - d. Support funding efforts for the expansion and modernization of the Oakes Irrigation Research Station with NDSU, SBARE, and the legislature
 - e. Participate in interim Water Topics committee meetings
 - f. Maintain favorable working relationships with State Water Commission members and Department of Water Resources staff

4. Federal Policy Support
 - a. Work to secure adequate federal funds for water projects and programs
 - b. Work to advance legislation to clarify legislative intent of the Dakota Water Resources Act of 2000 to authorize project use power for 28,000 acres of irrigable land in accordance with the flood control act of 1944

5. Irrigation Support and Development
 - a. Continue to communicate with groups, agencies, individuals, and companies to discuss irrigation development and the production of crops under irrigation
 - b. Work with proponents, including the Garrison Diversion Conservancy District, to explore opportunities for irrigation development across the state, particularly in the Missouri River corridor and along the McClusky Canal

- c. Work with partners to identify funding opportunities to promote and enhance irrigation
- d. Attend and present at Garrison Diversion Conservancy District board and executive committee meetings
- e. Explore potential for conducting and/or updating an irrigation suitability analysis
- f. Work with partners to identify funding opportunities to promote and enhance irrigation
- g. Attend and present at Garrison Diversion Conservancy District board and executive committee meetings

December 15, 2023

NORTH DAKOTA

WATER USERS ASSOCIATION | WATER COALITION | WATER RESOURCE DISTRICTS ASSOCIATION | IRRIGATION ASSOCIATION

Policy Update

Thank you for joining us for Water Convention

Thank you for joining us for the 60th annual Joint Water Convention and Irrigation Workshop. Your participation made it a very successful meeting! All general sessions were recorded, and recordings will be available on our YouTube channel when we have them finalized.

If you need a certificate for attendance at any of the sessions, please reach out to Julie at jellingson@ndwater.net.

State Water Commission Meeting

The State Water Commission met on December 8 and approved \$6.89 million in cost-share requests. It was reported that funding from the 2021-2023 is almost expended so many requests now will be fulfilled with 2023-2035 funding.

Water Topics

The interim Water Topics committee met on December 11. They heard a deep dive on Missouri River issues, updates on NAWS and SWPP, and an update from the Irrigation Association. On behalf of the Irrigation Association, our update included information on the updated cost share available to irrigation districts (75% now, up from 50%) and increased interest rate buydown via the Ag PACE program (\$60,000 limit up from \$40,000 limit). There was also a general discussion about irrigation districts.

ANS Update

The South Dakota Department of Game, Fish and Parks announced that zebra mussels have been found in Lake Oahe north of Pierre. This is about 100 miles south of the North Dakota border. In response, the North Dakota Department of Game and Fish is increasing watercraft inspections around Lake Oahe and putting together an enhanced monitoring plan.

Merry Christmas and Happy New Year from Water Users, Water Coalition, Water Resource Districts Association, and Irrigation Association. As a note, our offices will be closed early on December 20 and closed all day December 22-26 and January 1-2.

We'd love to hear from you! Feel free to email us at staff@ndwater.net or call 701-223-4615.

North Dakota Irrigation Association

2024 Board of Directors

Steve Hansen, Chairman, Ludden
Taylor Twiest, Vice Chairman, Williston
Loren Dewitz, Bismarck
Doug Gullikson, Cartwright
Ken Kjos, Trenton
Steve Knorr, Minot
Scott Mund, Milnor
Jerry Schaack, Bismarck
Bill Sheldon, Ray
Michael Tweed, Tolna
Carter VanderWal,
Pollock, S.D.
Robert Vivatson, Cavalier
Jay Wardner, Bismarck

Staff

Dani Quissell, Executive Director

**NORTH DAKOTA IRRIGATION ASSOCIATION ANNUAL MEMBER MEETING
AGENDA**

Bismarck Hotel and Conference Center, Bismarck, North Dakota
Noon Thursday, December 7, 2023

- I. Call to order by Steve Hansen, Chairman
- II. Introduction of Attendees
- *III. Minutes of December 8, 2022, annual meeting**
- *V. Nomination and election of NDIA Directors for 2024**
- VI. 2023 Activity Update
- VIII. New Business
- IX. Adjourn

***motion requested**



North Dakota Irrigation Association

P.O. Box 2254
Bismarck, ND 58502
701-223-4615
701-223-4645 (fax)

Dedicated to strengthening and expanding irrigation to build and diversify our economy

North Dakota Irrigation Association (NDIA) Annual Meeting December 7, 2023

Attendees: Marc Armstrong, Matt Azure, Chris Bader, Loren DeWitz, Heidi Eslinger, Spencer Eslinger, Howard Frisk, Steve Hansen, Kevin Horneman, Justin Jacobs, Lancer Labar, Milton O. Lindvig, Jay Myers, Jim Pellman, Jim P. Roers, Jerry Schaack, Bhuwan Shah, Bill Sheldon, Jim Staricka, Dean Steele, Taylor Twiest and Jay Wardner

Staff Attendees: Annika Plummer and Dani Quissell

I. Call to Order

The meeting was called to order by President Hansen at 12:20 p.m.

II. Introduction of Attendees

All attendees introduced themselves.

III. Minutes of December 8, 2022, Annual Meeting

The minutes of December 8, 2022, were read for the record. Schaack moved to approve the minutes of December 8, 2022, as presented. Jim Roers seconded the motion. Motion carried.

IV. Nomination and Election of NDIA Directors for 2024

Twiest moved to approve the slate of NDIA nominated 2024 Board of Directors that was included in the meeting packet. DeWitz seconded the motion. Motion carried.

V. 2023 Activity Update

Quissell reported that NDIA's biggest win of 2023 was the increase in funding from the State Water Commission (SWC) and Bank of North Dakota; as of October 2023, cost share from the state is now 75% (up from 50%) and the cap of interest rate buydown is \$60,000 (up from \$40,000). She said that she testified on several bills during the 2023 Legislative Session, specifically for irrigation funding and policy to streamline the permit process. Irrigation was highlighted in three of the summer water tours hosted by the Water Education Foundation (Devils Lake, Bismarck and Fargo). Quissell said she visited with congressional offices regarding project pumping power in Washington, D.C., after it was reintroduced in January. Senator Cramer's office is working hard

to move this bill. A full list of activities was included in the meeting packet.

VI. New Business

Kip Kovar gave an update on irrigation in the C District. The Garrison Diversion Conservancy District allows for irrigation on 23,700 acres; currently, only 8,000 acres are being irrigated along the canal. They worked with the Bureau to buy out acres from the 960-acre cap.

Since the cost share increased from 50% to 75% and the interest buydown also increased, the NDIA will be sending letters to each irrigation district in the state to make folks aware of what is happening. There is strength in numbers; an increase in membership would be positive. If anyone has any information on inactive irrigation districts, please let Quissell know. Irrigation district land does not need to be contiguous; can petition land to be within one district.

VII. Adjourn

The meeting was adjourned at 12:47 p.m.

REPORT ON OUT-OF-STATE MEETING

Name: Jay Paul Anderson

Place: NWRA **Date:** 11/8 to 11/10/23

Meeting: NWRA fall meeting

Key issues covered:

Ligation issues - irrigation (Farm to Farm food production)

Southern border issues and Texa legislature prospective on Water resources

Precipitation forecasting

Contact or resource people at meeting:

Name	Organization	Address/Phone	Issue
Jeanie Jones	California Dept of H2O		Terrible with NOAA
Jeff Walker	Texas Water Development board		\$80bil needed for 2400 water projects

New ideas or solutions that could benefit North Dakota:

Forcasting weather - Flood / Drought

Yuma County Water users - Production ag is 75% of the water used in the state

USCAE - don't rob peter to pay paul theory doesn't work long term in water.

Water managers need more lead time to manage supply

Evaluation of meeting (i.e., did you obtain information of value to your interim or standing committees?):

Good info

Chris Polly NWRA - Irrigation leader magazine

Additional comments:

PFSA - forever chemical - EPA is getting ahead of themselves- huge legal battle coming - proposal is coming

before the full financial ramifications are understood

Texas is adding 1100 people per day on the ave, 30 million people now will be 50 million in 2050

Signature

REPORT ON OUT-OF-STATE MEETING

Name:

Place:

Meeting:

Date:

Key issues covered:

Contact or resource people at meeting:

Name	Organization	Address/Phone	Issue

New ideas or solutions that could benefit North Dakota:

Evaluation of meeting (i.e., did you obtain information of value to your interim or standing committees?):

Additional comments:

Signature

**Testimony of Garrison Diversion Conservancy District
to SBARE
December 2023**

Since 1969, the Garrison Diversion Conservancy District has provided financial support to the Oakes Irrigation Research Site. Due to the reallocation of funding to other projects, in 2013, a plan was set into motion for NDSU to take over full funding of the site after Garrison Diversion completed major upgrades and improvements to the facility. A proposal was developed to include Garrison Diversion's assistance with constructing a new building at the site, a six-year funding exit plan and passage of the land on to NDSU.

Garrison Diversion provided an initial match toward the heated shell of a new building, which is approximately a 60 percent match. In turn, NDSU will be expected to cover the remaining 40 percent of the building costs, which would complete the office, lab and conference space in the new building, in addition to finishing the shop area.

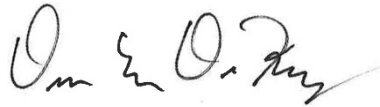
In order to secure land ownership for the future, Garrison Diversion purchased five acres of land for the building site, which will be donated to NDSU once construction of the building is complete.

Garrison Diversion strongly supports irrigation development within North Dakota, but our commitment is coming to an end and we are asking the SBARE to fully fund the completion of the building's interior. finishing the inside of the building.

The Oakes Irrigation Research Site is a highly effective irrigation research facility, and the valuable data gained from the research site throughout its history has

positively impacted the agriculture industry for over 50 years. Now, with the facility upgrades, the Oakes Irrigation Research Site will continue to benefit farmers and irrigators for years to come.

Sincerely,

A handwritten signature in black ink, appearing to read "D. E. Oakes", written in a cursive style.

Garrison Diversion General Manager

(Top 3 inches reserved for recording data)

QUIT CLAIM DEED

THIS INDENTURE, made this ____ day of January, 2024, between Garrison Diversion Conservancy District, a political subdivision of the State of North Dakota (“GRANTOR”), and North Dakota Agriculture Experiment Station, a public body (“GRANTEE”), with a mailing address of: NDSU Dept. 7520, PO Box 6050, Fargo, ND 58108-6050.

WITNESSETH, that Grantor, for and in consideration of the sum of One Dollar and other good and valuable consideration, does hereby **SELL, REMISE, RELEASE AND QUIT-CLAIM** to Grantee, its successors and assigns, **FOREVER**, all of its right, title, Dickey and State of North Dakota, and described as follows, to wit:

Commencing at the Northeast Corner of the Southeast Quarter of said Section 17; thence South 88 degrees 18 minutes 47 seconds West along the north line of the Southeast Quarter of said Section 17 a distance of 125.00 feet to the west right-of-way line of State Highway 1; thence South 01 degree 26 minutes 43 seconds East along the west right-of-way line of State Highway 1 a distance of 50.00 feet to the Point of Beginning; thence continuing South 01 degree 26 minutes 43 seconds East along the west right of way line of State Highway 1 a distance of 322.66 feet; thence South 88 degrees 18 minutes 47 seconds West parallel to the north line of the Southeast Quarter of said Section 17 a distance of 675.00 feet; thence North 01 degree 26 minutes 43 seconds West parallel with the east line of the Southeast Quarter of said Section 17 a distance of 322.66 feet to a point 50.00 feet south of the north line of the Southeast Quarter of said Section 17; thence North 88 degrees 18 minutes 47 seconds East parallel with the north line of the Southeast Quarter of said Section 17 a distance of 675.00 feet to the Point of Beginning; containing 5.00 acres more or less.

(the “Subject Premises”), along with the building, property and fixtures on the Subject Premises.

The legal description set forth above was obtained from a previously recorded instrument, recorded as Document Number 185381 at the Dickey County Recorder’s Office.

[SIGNATURE PAGE FOLLOWS]

**2024 GARRISON DIVERSION
BOARD & EXECUTIVE COMMITTEE DATES**

GDCD Board 2024 Meetings

January 11 & 12
April 18 & 19
July 18 & 19
October 10 & 11

Executive Committee 2024 Meetings

March 14
June 13
September 26
December 12



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**41st Annual Red River Basin
 Land & Water International Summit Conference
 Agenda**

Tuesday, January 16, 2024

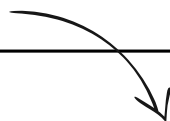
Time	Session	Details	Speaker(s)	Location
1:00 - 1:30pm	Welcome & Introductions	Introduction & National Anthems	<ul style="list-style-type: none"> • Brian Holmer • Ted Preister 	Grand Ballroom
		Welcome from the City of West Fargo	Bernie Dardis Mayor of West Fargo	
		Welcome	Jaclynn Walette, Mike Gabbard, & Tim	
1:30 - 2:30 pm	Keynote	Building Soil Health and Improving Water Quality for the Next Generation; Creating Excitement and Diversification to Bring the Next Generation Back	Jerry Doan Black Leg Ranch	Grand Ballroom
2:30 - 3:00 pm	Break & Exhibits			Fern Hall
3:00 - 3:30 pm		Soil Health in the Valley	Kimberly Melton Wilkin SWCD	Grand Ballroom
3:30 - 4:30 pm	Panel	Evolving Agricultural Practices: Practitioner Perspectives Moderated by: Marvin Plett	<ul style="list-style-type: none"> • Glen Lowry, Darlingford, MB Producer • Tyler Zimmerman, SE North Dakota Producer • Carson Klosterman, Wyndmere, ND Producer 	Grand Ballroom
5:30 - 7:30 pm	Social, Appetizers, and Exhibits			Fern Hall



41st Annual Red River Basin Land & Water International Summit Conference Agenda

Wednesday, January 17, 2024

Time	Session	Details	Speaker(s)	Location
7:00 am	Breakfast			Grand Ballroom
8:30 - 9:00 am		2023 Year in Review and 2024 Outlook Moderated by: Brian Holmer	Amanda Lee National Weather Service	Grand Ballroom
9:00 - 10:00 am	Panel	Moderated by: Brian Holmer	<ul style="list-style-type: none"> Hon. Tracy Schmidt, MB Minister of Environment and Climate Change Andrea Travnicek, ND Dept. of Water Resources John Jaschke, MN Board of Water and Soil Resources 	Grand Ballroom
10:00 - 10:30 am	Break & Exhibits			Fern Hall
10:30 - 12:00 pm	Moderated by: Nicole Berndt	Two Decades of Planning for the Future of the Roseau River Watershed District	<ul style="list-style-type: none"> Tracy Halstengard, Roseau River Watershed District Nate Dalager, HDR 	Grand Ballroom
		Tribal Nations Research Group presents Tribal Data Practices Act 101	April Walker	
		Benefits of Low-head Dam Modifications	Erik Jones Houston Engineering, Inc.	
		Prairie Climate Watersheds Program and Living Lab	Dan Cox MB Association of Watersheds	
		MS4 Stormwater Compliance	Tara Ostendorf Moore Engineering, Inc.	
12:00 - 12:45 pm	Lunch: Buffet Style			Grand Ballroom
1:00 - 3:00 pm	Break Out Sessions			





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**41st Annual Red River Basin
 Land & Water International Summit Conference
 Agenda**

Wednesday, January 17, 2024

Break Out Sessions 1:00-3:00 pm

Grand Ballroom Moderated by: Theresa Ebbenga		Elm Hall Moderated by: Charles Posthumus		Dogwood Hall Moderated by: Ben Varnson	
City of Grafton, North Dakota Flood Risk Reduction	Kurt Lysne Moore Engineering, Inc.	Using Drone Technology for Water Resources Projects in the Red River Valley	Paul LeClaire Houston Engineering, Inc.	The History and Evolution of the Red River and What it Means Today	Stephanie Day cbec eco engineering
Implementing Climate Adaptation Strategies in Wetland Management at Agassiz National Wildlife Refuge	James Graham Agassiz National Wildlife Refuge	Wetland Banking and Mitigation on Private Lands	Greg Meyer & Wes Boll Moore Engineering, Inc.	The Pelly's Lake Water Retention Wetlands: A Decade of Success	Richard Grosshans International Institute of Sustainable Development
Soil Health Transition	Joey Pankiw Seine Rat Roseau Watershed District	Red River Drought Risk Analysis	Rochelle Nustad USGS	Disaster Risk Reduction and Hydro- Met Capacity Building In and Around the Red River Basin	Greg Gust Consulting Meteorologist/ Certified Emergency Manager
Recovering the Red River Lake Sturgeon	Nicholas Kludt MN Dept. of Natural Resources	A Data-Driven Approach to Municipal Climate Resilience	Hank Venema Strategic Systems Engineering	Lessons Learned through 20 Years of Stream Restoration within the Buffalo-Red River Watershed District	Bennett Uhler Houston Engineering, Inc.





41st Annual Red River Basin
Land & Water International Summit Conference
Agenda

Wednesday, January 17, 2024

Time	Session	Details	Speaker(s)	Location
3:00 - 3:30 pm	Break & Exhibits			Fern Hall
3:30 - 5:00 pm	Plenary Session Moderated by: Morrie Lanning	Lessons Learned, Promises Made	Linda Vavra Bois de Sioux Watershed District	Grand Ballroom
		Long-Term Flood Solutions 2023 Progress Report and Update Summary	Matt Metzger Barr Engineering	
		Red River Watershed Management Board's Flood Mitigation and Water Quality Efforts	Rob Sip Red River Watershed Management Board	
		Fargo Moorhead Diversion Project Update	Joel Paulsen Metro Flood Diversion Authority	
6:00 pm	Social	<ul style="list-style-type: none"> Cash Bar 		Grand Ballroom
6:30 pm	Awards Banquet	<ul style="list-style-type: none"> Beth Richardson, Consul General of Canada, Minneapolis, USA Marilyn Gayton Hamiel, U.S. Consulate, Winnipeg, Canada Leadership Award Presentation Silent Auction Prize Draw 		



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**41st Annual Red River Basin
 Land & Water International Summit Conference
 Agenda**

Thursday, January 18, 2024

Time	Session	Details	Speaker(s)	Location
7:00 am	Breakfast			Grand Ballroom
8:30 - 9:30 am	Annual Meeting	<ul style="list-style-type: none"> • Board Chairman Report • Executive Director Report • Financial Report 	<ul style="list-style-type: none"> • Brian Holmer • Ted Preister • Marvin Plett 	Grand Ballroom
9:30 - 10:00 am	Break			Fern Hall
10:00 - 11:20 am	Plenary Session Moderated by: Sandra Strang	Agriculture and Carbon: What's all the fuss about?	Ariel Kagan & Drew Kessler Houston Engineering, Inc.	Grand Ballroom
		Regional Water Supply Systems in the Red River Valley: Past, Present & Future	Stephen Slick AE2S	
		Cross-Cultural Equity in Tribal Partnerships	Melinda Neville Leech Lake Tribal College	
		Shared Views	Ted Preister Red River Basin Commission	
11:20 - 12:05 pm	International Red River Watershed Board & International Joint Commission			Grand Ballroom
12:15 pm	Lunch <ul style="list-style-type: none"> • Conference Wrap Up • Grand Prize Drawing 			Grand Ballroom

Tuesday, January 23

Time
6:00-8:00pm Welcome Reception

Wednesday, January 24

8:00-9:00am Breakfast

9:00-9:15am Welcome

9:15-9:45am David Blackwood, Exec.
Director, West Tennessee River
Basen Authority

**Water shed Management in West
Tennessee**

9:45-9:50am Vendor Moment

9:50-
10:35am Sarah Houston, Exec Director,
Save Our Aquifer

10:35-
10:50am Break

**Keep It Local: How Can We Protect
Our Aquifer for the Next Seven
Generations**

10:50-
11:35am Scott Schoefernacker, Protect
Our Aquifer

**Groundwater Protection:
Community, Advocacy and Science**

11:35-
11:40am Vendor Moment

Noon-1:pm Lunch

1:15-2:00pm Board Meeting

2:30-??? Offsite Activity

Green Brier

6:30pm Supper on your own

Thursday, January 25

8:00-9:00am	Breakfast	
9:00am-9:45am	Joel Riley, US Army Corps of Engineers, Memphis District	USACE Center for Water Sustainability: A Collaborative Regional Approach to Groundwater Sustainability and Management in the Upper Mississippi Embayment
9:45-9:50am	Vendor Moment	
9:50-10:30am	Cole Stonebrook, US Army Corps of Engineers Memphis District	The Importance of River Training Structures for Navigation on the Lower Mississippi River
10:30-10:35am	Vendor Moment	
10:35-10:50am	Break	
10:50-11:35am	Brian Ham	Karst Research Synergy in Tennessee
11:35-Noon	Board Review	
Noon-1:00pm	Lunch	
1:00-1:45pm	Brian Waldron	
1:45-1:50pm	Vendor Moment	
1:50-2:30pm	Steve Walthour	GMDA: Past, Present, Future
2:30-2:35pm	Vendor Moment	
2:35-2:45pm	Break	
2:45-3:20pm	Dale Nellor, NWRA	Federal Updates
3:20-4:00pm	Mark Rude	Guidance to NWRA as their Groundwater Caucus
4:00pm	Closing & Announcements	