

LAKE AGASSIZ WATER AUTHORITY**BOARD OF DIRECTORS**

**City Commission Chambers
Fargo, North Dakota
October 11, 2023**

A meeting of the Lake Agassiz Water Authority (LAWA) board of directors was held at the City Commission Chambers, Fargo, ND, on October 11, 2023. The meeting was called to order by Chair Mahoney at 11:00 a.m.

MEMBERS PARTICIPATING

Chair Timothy Mahoney
Director LaVonne Althoff
Director Rick Bigwood
Director Bill Bohnsack
Director Dave Carlsrud
Director Tom Erdmann (by video conference)
Director Mark Johnson
Director Keith Nilson
Director Jim Schmaltz
Director Travis Schmidt
Associate Member Bernie Dardis
Secretary Duane DeKrey

MEMBERS ABSENT

Vice Chair Ken Vein
Associate Member Jim Moe
Associate Member Brett Lambrecht
Associate Member Carol Siegert

Garrison Diversion staff and others attended. 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.

APPROVAL OF AGENDA

Motion by Director Nilson to approve the board meeting agenda. Second by Director Johnson. Upon voice vote, motion carried.

CONSIDERATION OF MINUTES

Motion by Director Althoff to approve the July 13, 2023, LAWA Board minutes as distributed. Second by Director Bohnsack. Upon voice vote, motion carried.

OFFICER REPORT

None

COMMITTEE REPORTS

Technical Advisory Committee Operational Planning Subcommittee

Dan Portlock, Chair, LAWA Technical Advisory Committee Operational Planning Subcommittee (TAC OPS) reported the subcommittee met on September 18. Mr. Portlock reported the subcommittee has been working on the operational plan for each biennium of the Red River Valley Water Supply Project (RRVWSP). The operational planning has been categorized into five main headings: 1) operations and assumptions, 2) project governance, 3) water supplies, 4) pipeline and reservoir operations and 5) water accounting. Examples of items the subcommittee will be working on are different drought phases, green-to-red monitoring dashboard, supporting Lake Ashtabula water control manual updates and creating water accounting software.

Mr. Portlock said the subcommittee also discussed asset management and framework for the asset management system. The framework asset management system has been developed, and the subcommittee plans to start working on the details with several expected outcomes. As a part of this, there will be an operational plan phase three task order for 2023-2025 to be presented to the LAWA board in January.

Overviews were also provided to the subcommittee on construction activities and the preliminary pumping and treatment system design efforts.

RED RIVER VALLEY WATER SUPPLY PROJECT UPDATE

Work Plan and Construction Update

Kip Kovar, Deputy Program Manager, RRVWSP Engineering, shared construction photos from Transmission Pipeline, Contract 5B, the completed Missouri River Intake and Discharge Structures.

Mr. Kovar said approximately four and a half miles of the nine-mile pipeline has been installed on Contract 5B.

Missouri River Intake, Screen and Tunnel – Contract 2

Change Order No. 6

Mr. Kovar referred to Change Order No. 6 included with the meeting materials, which is for closing out the Missouri River Intake project. The change order shows adjustment for the final completion date, as well as adjustment of unit price item quantities to correspond with actual work completed, which results in a \$1,466,450 reduction in the total contract price. He asked for the committee's approval on Change Order No. 6.

Mr. Kovar added the original contract price was \$18,896,900. There have been six change orders approved over the last two years, ending with a contract price of \$19,444,165.

Motion by Director Carlsrud to approve RRWSP Missouri River Intake Screen Structure and Tunnel, Contract 2, Change Order No. 6, resulting in a decrease of \$1,466,450 to the contract price. Second by Director Schmaltz. Upon roll call vote, the following directors voted aye: Althoff, Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz and Schmidt. Alternates voting aye: Schuler. Those voting nay: none. Absent and not voting: Vein. Motion carried.

Transmission Pipeline East, Contract 5D

Bid Tabulation Summary - - Mr. Kovar informed the board the bid opening for RRWSP Transmission Pipeline East, Contract 5D, took place on September 7, 2023. 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. A copy of the bid tabulation summary is attached to these minutes as Annex II.

Engineer's Recommendation - - Mr. Kovar referred to the engineer's recommendation letter. Given Black & Veatch's review of the bids and prequalification of Carstensen Contracting, Inc., they are recommending Garrison Diversion award the project to Carstensen Contracting, Inc. A copy of the recommendation letter is attached to these minutes as Annex III.

Notice of Award

Motion by Director Johnson to issue the notice of award and proceed on RRWSP Transmission Pipeline East, Contract 5D, to Carstensen Contracting, Inc. in the amount of \$61,677,275, pending submittal of the contractor's documentation. Second by Director Schmidt. Upon roll call vote, the following directors voted aye: Althoff, Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz and Schmidt. Alternates voting aye: Schuler. Those voting nay: none. Absent and not voting: Vein. Motion carried.

Contractor's Agreement - - Mr. Kovar referred to the contractor's agreement, provided for the board's information. This agreement verifies the contractor will adhere to the items of the bid as well as verifying the plans and specifications. It also certifies and acknowledges the required documentation.

Transmission Pipeline East, Contract 5C

Bid Tabulation Summary - - Mr. Kovar reported bids were opened on September 21, 2023, for Contract 5C, with four bids being received. The base bid was for 72-inch pipe, and an alternate bid was requested for 78-inch pipe. He reviewed the base bids with SJ Louis having the low base bid at \$69,135,254. The second lowest base bid was Oscar Renda at \$76,663,355, then Thalle Construction at \$78,308,327 followed by Harper Brothers at \$79,086,646. A copy of the bid tab summary is attached to these minutes as Annex IV.

Mr. Kovar said increasing to a 78-inch pipe size (Alternate No. 1) would cost an additional \$2 million to \$3.7 million.

Mr. Kovar informed the board SJ Louis chose not to complete the prequalification process so all their qualifications were submitted with the bid documents; whereas, the other three bidders

were already prequalified. This includes minimum requirements, which are things 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. Kovar said because SJ Louis did not prequalify, it is taking more time to go through the qualifications to assure they are a qualified and responsible bidder. Black & Veatch and Vogel Law Firm are currently in the process of reviewing the minimum requirements. Because of this, a recommendation to award is not being made for the board to approve today.

Mr. Kovar suggested once Black & Veatch and Vogel Law Firm have completed the review of SJ Louis' qualifications, a special LAWA Board meeting by video conference can be held regarding the contract award.

Chairman Mahoney asked if the board could formulate a motion that would approve the contract award to SJ Louis contingent upon a satisfactory evaluation of their qualifications.

Tami Norgard, Vogel Law Firm, stated there is a question as to whether the lowest bidder will qualify. If the LAWA board would like to avoid a special meeting, it could defer the decision to the Garrison Diversion board. The usual process is to bring the information to both boards for approval. Garrison Diversion's board meets next week, and the results of SJ Louis' evaluation should be complete at that time. The LAWA Board could have a virtual meeting or defer to whatever the Garrison Diversion board chooses to do.

John Shockley, Ohnstad/Twichell, suggested a motion authorizing the Garrison Diversion board to approve the bid consistent with the recommendation from Black & Veatch and Vogel Law Firm.

Director Erdmann asked for clarification regarding pipe size.

Mr. Kovar replied it was decided the larger pipe size is not needed at this time. The recommendation will be to award the base bid only.

Motion by Director Carlsrud authorizing Garrison Diversion's board of directors to approve the award of RRWSP Transmission Pipeline East, Contract 5C, contingent upon the recommendation of the engineering firm and legal counsel and giving deference to the Garrison Diversion board should there be any concerns regarding the contractor's qualifications. Second by Director Nilson. Upon roll call vote, the following directors voted aye: Althoff, Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz and Schmidt. Alternates voting aye: Schuler. Those voting nay: none. Absent and not voting: Vein. Motion carried.

Land Acquisition Update - - Mr. Kovar reported letters were mailed the second week of August to landowners located in the Eastern North Dakota Alternate Water Supply (ENDAWS) section of the RRWSP. Currently, 50 percent of the right-of-way has been obtained in the Sheridan County area.

Work Plan Update - - Mr. Kovar referred to a copy of the RRWSP Work Plan Update dated September 8, 2023, which summarizes engineering and construction activities. A copy of the work plan update is attached to these minutes as Annex V.

Mr. Kovar stated design and operations are continuing on the RRVWSP. This evening the Corps of Engineers is holding a public meeting on the water control manual for Lake Ashtabula. He and Steve Burian, Burian & Associates, will attend and plan to express concerns regarding operations of Lake Ashtabula during a drought situation.

Mr. Kovar added the five rural water systems in the northeast part of the state submitted a letter to LAWA and Garrison Diversion asking for assistance in determining their future water supply needs. Meetings have been held with these system managers, as well as a meeting with representatives from the Department of Water Resources (DWR) in an attempt to quantify the amount of water remaining in their aquifer which, in turn, helps these northeast systems determine how much water they will need from the RRVWSP. The hope is to have preliminary answers on aquifer volumes in the northeast area in the next couple of weeks.

Program Schedule - - Merri Mooridian, Deputy Program Manager, RRVWSP Administration, reviewed the 2020-2027 RRVWSP Program Schedule dated September 29, 2023. The schedule focuses on the ongoing construction projects, including substantial and final completion dates.

Planning Level Budget - - Ms. Mooridian referred to the RRVWSP Planning Level Budget dated September 30, 2023. The total combined program budget is estimated at \$138.7 million. Actual program expenses are \$93.9 million with total outstanding expenses of \$44.8 million. Total program efforts are 68 percent complete. A copy of the budget is attached to these minutes as Annex VI.

Ms. Mooridian pointed out the program schedule does not contain items for the 2023-2025 \$244 million biennium budget since the contracts have not yet been signed. These will be added once funding is approved and documents are signed.

User Meetings Update - - Mr. Burian commented on the water control manual update for Baldhill Dam. As we work through the update, it is very critical to engage with the Corps of Engineers. They have a solid operating procedure for flood control, but their current operating procedure for drought management does not address some of the things LAWA and Garrison Diversion would like to have included. In addition to the public meeting, we will again be a cooperating agency as part of the water control manual update. This is done by collaborating between Garrison Diversion, Fargo, Grand Forks, Moorhead and Valley City to make sure all these entities are kept up to speed on the update. Regular updates will be made on this topic moving forward.

Mr. Burian provided an update on user engagement. The plan is to obtain local users funding support for the \$60 million local cost share through the Interim Finance Agreement Series D. There is also a Project Participation Agreement (PPA), which will ultimately commit users to the project. The goal is to have as many users signed up by the end of 2024 as possible. This will provide the user base when entering the 2025 legislative session.

With that in mind, the Garrison Diversion staff team and the technical team have put together a strategy for re-engaging the local users. This will start with a series of letters. From those letters, there will be a series of phone calls and virtual meetings. Then there will be a series of in-person meetings. The idea is to re-educate the user and work with them on any changes they might like to see, answer any questions the users may have and guide them toward a commitment to Series D and signing the participation agreement by the end of the year.

User Meeting Packet

Mr. Burian referred to the Sample RRVWSP 2023 User Engagement Packet distributed to the board members and reviewed the contents included in the packet.

Mr. Burian said there are five proposed letters, each to different groups of users, to be signed by Chairman Mahoney. He explained who the recipients will be and reasons for each of the letters. Each of the local systems should expect to receive one of these letters along with a user engagement packet with information specific to their individual system.

Ms. Norgard reviewed the Draft RRVWSP Memorandum of Commitment (MOC) included in the packet. The purpose of the MOC is twofold. One is for the user to commit to the RRVWSP and sign Series D, which will accompany the MOC, agreeing to pay for their percentage of the work plan budget for the next two years. The second is for the user to agree to sign the PPA once it is completed. The MOC will be between LAWA, Garrison Diversion and the individual user system. The user will need to indicate how much cubic feet per second (cfs) they will nominate for the purpose of the PPA. It is important to know this information now in order to fine tune the numbers for the actual PPA. There is also a contingency included stating the MOC is only enforceable if 100 cfs is committed in the aggregate.

Shawn Gaddie, Advanced Engineering and Environmental Services Nexus, reviewed Interim Finance Agreement Series D, which will be split into two components; Series D-1 and D-2. Series D-1 is for the \$60 million 25 percent local cost share of the \$240 million work plan for the 2023-2025 biennium. Series D-1 has been routed to Fargo and Grand Forks and essentially covers just short of \$49 million. Series D-2 covers the remaining \$11 plus million for the small users.

Mr. Gaddie said the breakout table shown in the user engagement packet is based on the development agreement nominations for the users who previously had water volume nominations in the development agreement. From that, a preliminary allocation calculation percentage was determined showing how the \$11 million would breakdown for those users. There could be some movement in those nominations, but the allocation model has the ability to make those adjustments as they occur. There will also be an annual cost outlay specific to the individual user's system showing what the repayment obligations will look like with the Bank of North Dakota.

Operation, maintenance and replacement costs still need to be updated and included in the project costs. At this time, there is a placeholder in the user engagement packet for that information, but it will be included in the final user packet and will attempt to provide a full illustration of the project.

Mr. Burian stated the letters should go out in the next couple of weeks. The user engagement packets, which are more comprehensive to put together and are planned to be done in segments, will probably start going out in mid to late November.

FINANCIAL REPORT

2023 Budget Analysis Statement - - Ms. Mooridian reviewed the Budget Analysis Statement for the period of January 1, 2023, to September 30, 2023, a copy which is attached to these minutes as Annex VII.

Ms. Mooridian stated total income through September is \$305,236. Expenses are \$354,849.

The total bank balance at the end of March was \$448,778.

Motion by Director Schmaltz to approve the Budget Analysis Statement for the period of January 1, 2023, through September 30, 2023. Second by Director Althoff. Upon roll call vote, the following directors voted aye: Althoff, Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz and Schmidt. Alternates voting aye: Schuler. Those voting nay: none. Absent and not voting: Vein. Motion carried.

Bills Paid - - Ms. Mooridian also reviewed the bills paid since the last board meeting to cover insurance, legal fees and the local cost share.

Summary of Membership Dues - - Ms. Mooridian referred to the table illustrating membership dues received. The amount of dues income received for 2023 to date is \$30,650.

UNFINISHED BUSINESS

City of Washburn - - Chair Mahoney reported a meeting was held with the Lieutenant Governor regarding the possibility for the City of Washburn to use the Missouri River Intake. The cost would be approximately \$7 million. It is presumed a FEMA grant would be approved, but they will not be notified about this until June or July. In the meantime, the mayor of Washburn would like to move forward with design.

The meeting adjourned at 12:41 p.m.

Timothy Mahoney, Chair

Duane DeKrey, Secretary

REGISTRATION

LAWA Board Meeting
Fargo Commission Chambers
October 11, 2023

NAME	ADDRESS
Kimberly Cook	GDCD
Steve Hanson	SEWARD
Brent Erickson	AELS
Troy Hall	Fargo
DAN PORTLOCK	CITY OF FARGO
Shaw Goodie	AELS
Steve Burian	B+A
Dave Pieplow	Fargo
Oz Bischoff	GDCD
Jay Paul Anderson	GDCD
Collin Poolman	Vogel Law Firm
Kip Kover	GDCD
Steve Bueckle	St Louis Construction
Mehi Munir	GDCD



BID TABULATION SUMMARY

Red River Valley Water Supply Project
 Transmisson Pipeline East
 Sykeston to Carrington, Wells and Foster Counties, ND
 Contract 5D, Task Order 5534

Bid Opening 2:00 p.m. CST, Thursday, September 7, 2023

No.	Bidder	Env 1							Env 2					Bid Total	
		Attended Pre-bid Conference	Bid Bond Included in the Amount of 5 percent of Bid	Contractor's License or Certificate of Renewal Included	Non-Collusion Affidavit Included and Completed	EJCDC C-451 Qualifications Statement Completed	Meets General Contractor Qualification Requirements	Meets Tunneling Contractor Qualification Requirements	Proposed Subcontractors, Suppliers, and Manufacturers Questionnaire Included and Completed	Acknowledged Addendum No. 1	Acknowledged Addendum No. 2	Acknowledged Addendum No. 3	Acknowledged Addendum No. 4		Acknowledged Addendum No. 5
1	Thalle Construction	X	X	X	X	X	X	X	X	X	X	X	X	X	\$82,977,440.00
2	Oscar Renda	X	X	X	X	X	X	X	X	X	X	X	X	X	\$79,893,740.00
3	Carstensen Contracting	X	X	X	X	X	X	X	X	X	X	X	X	X	\$61,677,275.00
4	Harper Brothers Construction	X	X	X	X	X	X	X	X	X	X	X	X	X	\$88,095,345.00*
5															* read as \$88,286,505.00
6															
7															
8															
9															
	Engineer's Estimate														\$68,986,800.00
Garrison Diversion Conservancy District															
PO Box 140															
Carrington, ND 58421															
701-652-3194															
		District Engineer / Deputy Director of RRVWSP for Engineering													
		Kip Kovar, PE													
		September 7, 2023													



Black & Veatch Corporation
8400 Ward Parkway, Kansas City, MO 64114
P +1 913-458-3571 E RonnekampKA@bv.com

September 13, 2023

Garrison Diversion Conservancy District
Red River Valley Water Supply Project
Transmission Pipeline East
Task Order 5534, Contract 5D

BV Project 188972/409653
BV File 55.5534.3

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

Dear Mr. DeKrey:

This letter provides the bid results and a recommendation of award for the Transmission Pipeline East, Contract 5D project (the Project) to Carstensen Contracting, Inc. (Carstensen). Garrison Diversion Conservancy District held a bid opening at its Carrington Office on September 7, 2023, at 2 p.m. local time. A total of four bids were received; all bids were opened and read aloud. The bid results are as follows:

Table 1 – Bid Tabulation Summary

Contractor	Address	Bid Price (~10 miles of 72" pipe)	Delta Between Bidder and Apparent Low Bidder
Carstensen Contracting, Inc.	Dell Rapids, SD	\$61,677,275	--
Oscar Renda Contracting, Inc.	Grapevine, TX	\$79,893,740	\$18,216,465 or 29.5%
Harper Brothers Construction, LLC	Houston, TX	\$88,095,345	\$26,418,070 or 42.8%
Thalle Construction Co., Inc.	Hillsborough, NC	\$82,977,440	21,300,165 or 34.5%
Engineer's Estimate	Kansas City, MO	\$68,986,800	\$7,309,525 or 11.9%

Carstensen of Dell Rapids, South Dakota submitted the apparent low bid. Oscar Renda Contracting, Inc. of Grapevine, Texas submitted the apparent second low bid.

EVALUATION OF THE APPARENT LOW BIDDER'S BID

The engineer's opinion of probable construction cost (cost opinion) for the Project prepared by Black & Veatch (the Engineer) was \$68,986,800. One bidder had a lower Bid and three bidders had higher Bids than the Engineer's cost opinion. There was a \$7,309,525 or 11.9 percent difference between the apparent low bid and the Engineer's cost opinion. The Engineer's cost opinion was \$9,174,150 or 14.9 percent lower than the average of the four bids received.

A comparison of the Bids shows a difference of \$18,216,456 or 29.5 percent between the low Bid and the second low Bid. Because of this significant difference, the Engineer contacted the apparent low bidder to verify there were no errors made in preparation of Carstensen's bid. Carstensen, the apparent low bidder, confirmed it did not have any errors in its bid and it is standing by its bid of \$61,677,275. Bidders were given 24 hours to withdrawal a bid due to a substantiated error, with return of the bid security. Garrison Diversion nor the Engineer received such notice.

Based on discussions with the apparent low bidder following the bid opening, it is the Engineer's opinion that Carstensen has a good understanding of the Project and the key elements thereof. A review of their unit prices indicates a distribution like other bidders. The spread between the low

and second low came down to Carstensen's estimated efficiency and rate of pipe installation. The approximate \$18 million difference between the low and the second low is captured entirely in the installed price of the 72-inch transmission pipeline, Bid Item No. 2.

EVALUATION OF THE APPARENT LOW BIDDER'S QUALIFICATIONS

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. Carstensen was among those firms prequalified having successfully demonstrated their qualifications and experience. Hence, a general contractor qualification submittal was not required of Carstensen for the Bid.

As you know, a critical part of the Project is the tunneling work, including installation of two 96-inch casing pipes under wetlands. Due to this fact, a Tunneling Contractor Qualifications Form was included in the specifications requiring the tunneling contractor or subcontractor to have minimum qualifications. Carstensen listed Minger Construction Companies, Inc. (Minger) as its tunneling subcontractor. Minger demonstrated through completion of the required Tunneling Contractor Qualifications Form that it meets minimum specified requirements. This is consistent with past determinations of Minger's qualifications; they were approved as a qualified tunneling contractor on both the Transmission Pipeline East Contract 5A and 5B projects. Minger has successfully completed the 5A tunnel for Garrison Diversion. Minger is currently constructing the 5B tunnel under the Canadian Pacific Railway a mile south and three miles east of Carrington. That work is progressing satisfactorily.

SUMMARY AND RECOMMENDATION

Given the Engineer's review of the bids, the prequalification of Carstensen as a pipeline general contractor for the Red River Valley Water Supply Project, and the Engineer's review of Minger's qualifications as a tunneling subcontractor, Black & Veatch recommends Garrison Diversion award the Project to the low bidder, Carstensen Contracting, Inc. for its Bid of \$61,677,275. The Bid is within the Project's biennium budget allocation and below the Engineer's cost opinion. Should you concur with Black & Veatch's recommendation, a Notice of Award will be prepared and forwarded to Garrison Diversion for signature. In addition, conformed copies of the Contract Documents, including the Agreement and required bonds, will be prepared and forwarded to Carstensen for execution.

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

Sincerely,
BLACK & VEATCH CORPORATION



Paul Boersma
Associate Vice President

BLACK & VEATCH CORPORATION



Kurt A. Ronnekamp
Sr. Project Manager

Enclosures

cc: Ms. Merri Mooridian, GDCCD
Mr. Kip Kovar, GDCCD
File



BID TABULATION SUMMARY

Red River Valley Water Supply Project
 Transmisson Pipeline East
 Bordulac to James River, Foster County, ND
 Contract 5C, Task Order 5533

Bid Opening 2:00 p.m. CST, Thursday, September 21, 2023

No.	Bidder	Env 1								Env 2			Base Bid	Additive Bid Alternate No. 1	Total of Base Bid and Alternate No. 1
		Bid Bond Included in the Amount of 5 percent of Bid	Contractor's License or Certificate of Renewal Included	Non-Collusion Affidavit Included and Completed	E/CDC C-451 Qualifications Statement Completed	Meets General Contractor Qualification Requirements	Meets Tunneling Contractor Qualification Requirements	Proposed Subcontractors, Suppliers, and Manufacturers Questionnaire Included and Completed	Acknowledged Addendum No. 1	Acknowledged Addendum No. 2	Acknowledged Addendum No. 3				
1	Thalle Construction	X	X	X	X	X	X	X	X	X	X	X	\$78,308,327.00	\$3,740,043.00	\$82,048,370.00
2	Oscar Renda	X	X	X	X	X	X	X	X	X	X	X	\$76,663,355.00	\$3,009,230.00	\$79,672,585.00
3	Harper Brothers	X	X	X	X	X	X	X	X	X	X	X	\$79,086,646.00	\$3,310,153.00	\$82,396,799.00
4	SJ Louis	X	X	X	X	X	X	X	X	X	X	X	\$69,135,254.00	\$2,020,483.00	\$71,155,737.00
5															
6															
7															
	Engineer's Estimate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$80,002,065.00	\$4,298,900.00	\$84,300,965.00

Garrison Diversion Conservancy District
 PO Box 140
 Carrington, ND 58421
 701-652-3194

District Engineer / Deputy Director of RRVWSP for Engineering
 Kip Kovar, PE
 September 21, 2023

**RRVWSP Work Plan Update
September 8, 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. To date, 6,741 feet have been installed out of the nine miles. High groundwater slowed the pipe installation progress.

For year 2023, contractor has been mobilizing, stripping topsoil, performing a significant amount of dewatering and prepping site for tunneling crew. The first pipe is expected to be installed on June 9.

To date, \$14,972,231.08 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

As the apparent low bidder at \$18,896,900, Michels was issued notice of award on June 9, 2021. A subcontractor is currently restoring the property, with seeding occurring this week. To date, \$18,198,634.82 has been paid on the original contract amount of \$18,896,000.00. Five change orders have been approved for a current contract price \$20,910,615.60.



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, Contract 5C bid opening September 21 and Contract 6A will be scheduled for 2024.

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

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



2023

For the period of January 1, 2023- September 30, 2023

Income	2023	Actual as 09/30/2023	Balance of Budget
Dues Income	\$ 30,000.00	\$ 30,650.00	\$ (650.00)
Miscellaneous	\$ -	\$ -	\$ -
Cost Share-Interim Finance	\$ 580,000.00	\$ 274,586.78	\$ 305,413.22
Total Income	\$ 610,000.00	\$ 305,236.78	\$ 304,763.22
Expenses			
Dues Expenses	\$ 6,500.00	\$ 6,310.00	\$ 190.00
Accounting	\$ 1,000.00	\$ -	\$ 1,000.00
Directors Expense	\$ 500.00	\$ -	\$ 500.00
Insurance	\$ 550.00	\$ 461.00	\$ 89.00
Construction	\$ 60,000.00	\$ 200,476.13	\$ (140,476.13)
Engineering	\$ 320,000.00	\$ 31,271.30	\$ 288,728.70
Property Acquisition/Easements	\$ 150,000.00	\$ 56,202.09	\$ 93,797.91
Adm/Legal/Financial	\$ 141,500.00	\$ 60,129.06	\$ 81,370.94
Total Expenses	\$ 680,050.00	\$ 354,849.58	\$ 325,200.42
Net Income (Loss)	\$ (70,050.00)	\$ (49,612.80)	\$ (20,437.20)

Account Activity

Beg. Bank Balance 1-1-2023	\$ 498,391.24
Income Received	\$ 305,236.78
Total Funds Available	\$ 803,628.02

Ck#1225 Ohnstad Twichell	\$ 2,550.00
Ck#1226 Garrison Diversion	\$ 211,963.04
Ck#1227 ND Water Coalition	\$ 1,000.00
Ck#1228 ND Water Users Assoc	\$ 5,000.00
Ck#1229 Garrison Diversion	\$ 15,375.00
Ck#1230 Garrison Diversion	\$ 32,105.31
Ck#1231 ND Rural Water System	\$ 310.00
Ck#1232 Garrison Diversion	\$ 28,238.74
Ck#1233 Insure Forward	\$ 461.00
Ck#1234 Garrison Diversion	\$ 20,500.00
Ck#1235 Garrison Diversion	\$ 37,346.49
Total Expenses	\$ 354,849.58
Ending Bank Balance	\$ 448,778.44