

LAKE AGASSIZ WATER AUTHORITY

BOARD OF DIRECTORS

**Fargo Commission Chambers
January 25, 2022**

A meeting of the Lake Agassiz Water Authority (LAWA) board of directors was held at the Fargo Commission Chambers on January 25, 2022. The meeting was called to order by Chair Mahoney at 2:05 p.m.

MEMBERS PARTICIPATING

Chair Timothy Mahoney
Vice Chair Ken Vein (by video conference)
Director Bill Bohnsack
Director Dave Carlsrud (by video conference)
Director Tom Erdmann (by video conference)
Director Mark Johnson
Director Keith Nilson
Director Jim Schmaltz
Director Travis Schmidt
Alternate Steve Hansen for Director LaVonne Althoff
Alternate Jeremy Schuler for Director Rick Bigwood (by video conference)
Associate Member Steven Dale
Secretary Duane DeKrey

MEMBERS ABSENT

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

CONSIDERATION OF MINUTES

Motion by Director Schmidt to approve the October 28, 2021, LAWA Board minutes as distributed. Second by Director Bohnsack. Upon voice vote, motion carried.

OFFICER REPORT

Vice Chair Vein did not have a report.

COMMITTEE REPORTS

Technical Advisory Committee - - Al Grasser, Secretary, reported the LAWA Technical Advisory Committee (TAC) met virtually on January 11, 2022. At that time, the committee received construction, operation and work plan updates on the Red River Valley Water Supply Project (RRVWSP).

A presentation was provided on the Pipe Size and Hydraulic Analysis completed by Black & Veatch followed by discussion regarding the desired pipe size for the RRVWSP.

Mr. Grasser stated the committee is recommending approval of four RRVWSP task orders.

Task Orders

Operational Planning, Phase 2

Steve Burian, Burian & Associates, presented and reviewed RRVWSP Task Order 1420.

The objectives of this task order are to: 1) develop new Draft Operational Plan Protocols based on the framework established in Phase 1. The Operational Plan Protocols will focus on necessary operational activities, processes, protocols, and stakeholder responsibilities that are needed for the effective operation of the RRVWSP, 2) engage project stakeholders and users to incorporate their concerns or priorities into the Draft Operational Plan Protocols and 3) develop a draft reservoir operations tool and water accounting tool which will be the first step toward having a predictive reservoir operations tool.

The cost of this task order is \$290,584.

Motion by Alternate Hansen to approve RRVWSP Task Order 1420, Operational Planning, Phase 2, in the amount of \$290,584. Second by Director Bohnsack. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Transmission Pipeline East, Contract 5B, Construction Phase Services

Kip Kovar, Deputy Program Manager, RRVWSP Engineering, presented and reviewed RRVWSP Task Order 5632.

The objective of this task order is to oversee installation of approximately nine miles of pipe and accessory items generally in Foster County just south and east of Carrington. Contract 5B will connect to the east end of Contract 5A and continue east toward the outfall on the Sheyenne River. The pipeline will be 72-inch diameter steel pipeline primarily installed with cut-and-cover methods. There will be one tunneled crossing under the Canadian Pacific Railway.

The cost of the task order is \$4,034,000.

Motion by Vice Chair Vein to approve RRVWSP Task Order 5632, Transmission Pipeline East, Contract 5B, Construction Phase Services, in the amount of \$4,034,000. Second by Director Schmaltz. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Pipeline Extensions Conceptual Design Update, Phase 1

Mr. Burian presented and reviewed RRVWSP Task Order 5270.

The objectives of this task order are to: 1) obtain user feedback regarding updated domestic nominations, industrial nominations, projected peak day flow rates, point(s) of service, and route(s) of service, 2) develop a technical memorandum to document updated user nominations, peak flow rates, point(s) of service, and route(s) of service, 3) update the conceptual design of extension pipelines and estimated costs to support an updated plan for how each user will access project water and 4) provide ongoing support of project leadership meetings, project strategy meetings, project participation agreement development, and continued user outreach.

The cost of the task order is \$436,000.

Motion by Director Johnson to approve RRVWSP Task Order 5270, Pipeline Extensions Conceptual Design Update, Phase 1, in the amount of \$436,000. Second by Director Schmidt. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

ENDAWS Transmission Pipeline, Preliminary Design Services

Mr. Kovar presented and reviewed RRVWSP Task Order 5280.

Initial routing of the pipeline from the McClusky Canal to the Hydraulic Break Tanks site was completed during the appraisal-level design, building upon previous efforts completed about a decade ago when the RRVWSP was being advanced as part of the original Federal RRVWSP. The preliminary design under this task order effort will further advance the pipeline design and confirm constraints of the pipeline installation so the horizontal alignment can be finalized. Plan and profile drawings will be developed as part of this task order's effort. Another objective is to provide environmental consulting services within a 400-foot-wide survey corridor centered on the proposed ENDAWS route. The work will be performed to demonstrate compliance with commitments outlined in the Environmental Impact Statement (EIS). Field wetland delineation will be completed, building upon the wetland delineation work done in 2009/2010. A wetland delineation report will be developed and submitted to the U.S. Army Corps of Engineers (USACE). A threatened and endangered species and eagle review will also be undertaken along with a cultural resource inventory.

The cost of the task order is \$1,239,000.

Motion by Director Carlsrud to approve RRVWSP Task Order 5280, ENDAWS Transmission Pipeline, Preliminary Design Services, in the amount of \$1,239,000. Second by Director Johnson. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and

Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Financial Advisory Committee - - Merri Mooridian, Deputy Program Manager, RRVWSP Administration, reported the Financial Advisory Committee met on December 14, 2021, to receive a recap on the current RRVWSP financial plan as well as updates on the 2021-2023 financial work plan and project participation agreements. They also reviewed the RRVWSP 2021-2023 Financial Services Task Order, which is recommended for board approval today.

Task Order

2021 to 2023 Financial Planning Support

Ms. Mooridian presented and reviewed RRVWSP Task Order 8410.

The primary objectives for this task order will be to refine and build upon the draft financial implementation model with specific focus in the following key areas:

- Update financial models as State funding plans are refined.
- Incorporate additional State loan and financing program changes that are in development.
- Continued analysis of end user financial considerations under evolving funding, financing, and cost-share conditions.
- Finalize project capital and operation and maintenance (O&M) cost allocation methodology for inclusion in final Project Participation Agreements (PPA).
- Support development of funding and financial provisions within the PPA and assist with outreach discussions with LAWA and its members.
- Support on-going funding and financial outreach discussions with State executive and legislative leadership.
- Provide on-going, and as-necessary, financial tasks as requested in support of the overall RRVWSP program implementation.

Specific focus will include the finalization of the preferred financial implementation model to be included with the project PPA, including the development of final preferred cost-share and cost allocation approaches for core project infrastructure (i.e., main pipeline and facilities), non-core project infrastructure (i.e., branch pipelines), and varied project O&M cost allocation conditions (i.e., baseline versus drought supply conditions).

The cost of the task order is \$443,000.

Motion by Director Nilson to recommend approval of RRVWSP Task Order 8410, 2021 to 2023 Financial Planning Support, in the amount of \$443,000. Second by Director Schmidt. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

RRVWSP UPDATE

Work Plan Update - - Mr. Kovar referred to the RRVWSP Work Plan Update dated January 14, 2022, which summarizes ongoing engineering and construction activities. A copy of the update is attached to these minutes as Annex II.

Pipe Size and Hydraulic Analysis

Mr. Kovar referred to the draft technical memorandum regarding the RRVWSP Hydraulic Analysis of the RRVWSP. This analysis was driven by questions being asked about the flexibility within the system and what is the maximum cfs that can flow through the system since the intake is sized for something larger than 165 cfs.

Mr. Kovar provided a system hydraulics update via PowerPoint. This included an overview of the 2017 hydraulic evaluation, what necessitated a re-examination, design/constructed capacity of the various components, pipe sizes required to deliver higher flows and incremental cost for higher capacity.

Mr. Kovar stated the pipe size for Contract 5B will not change. The goal is to have the pipe size locked in by the end of 2022. Then final design decisions can be made on pipeline diameter for the other segments.

Construction Update - - Mr. Kovar provided updates and shared photos of the RRVWSP construction sites, including the Missouri River Intake Contracts 1 and 2, Transmission Pipeline Contract 5A and the Sheyenne River Outfall Discharge Structure.

Transmission Pipeline East, Contract 5B

Bid Summary

Mr. Kovar informed the board the bid opening for Contract 5B, Transmission Pipeline East, took place on January 13. Four bids were received from the following: 1) S.J. Louis Construction, 2) Oscar Renda Contracting, 3) Garney Companies and 4) Thaille Construction Company. The bidding process included the base bid of seven miles of pipe, along with three alternative bids. Alternate 1 added an extra mile of pipe, and Alternate 2 added another mile of pipe, making a grand total of nine miles of pipe for the base and Alternates 1 and 2. Alternate 3 asked for the incremental cost to switch the pipe size to 78 inches.

Mr. Kovar referred to the bid tabulation summary and read off the grand total for the base bid and Alternates 1 and 2, which are listed below. A copy of the bid tabulation summary is attached to these minutes as Annex III.

S.J. Louis Construction, Inc.	\$44,778,550
Oscar Renda Contracting, Inc.	\$53,110,650
Garney Companies, Inc.	\$45,961,700
Thaille Construction Co., Inc.	\$56,673,150
Engineer's Estimate	\$62,768,500

Field activities and pipe delivery are aimed to begin in May/June 2022. Construction completion is planned for November 2023.

The construction cost is \$48 million. In addition, \$3.6 million is slated for construction phase services.

Engineer's Recommendation

Mr. Kovar stated after opening bids, the bidders (contractors) also were requested to submit qualifications for their work. These qualifications were reviewed and evaluated by Black & Veatch, and the engineer's recommendation was developed.

Mr. Kovar referred to the engineer's recommendation letter and explained the process used for the evaluation of bids, evaluation of the contractor qualifications, assessment of bid irregularity of the apparent low bidder and the apparent low bidder's approach to electrical subcontracting.

Mr. Kovar said as a result of the evaluation and assessment, Black & Veatch is not recommending the contract be awarded to the apparent low bidder, S.J. Louis Construction. They are recommending the contract be awarded to the second lowest bidder, Garney Companies.

Ms. Norgard provided comments on the bid irregularity from a legal standpoint.

A copy of Black & Veatch's recommendation letter was distributed to the board, along with a copy of the notice of award and notice to proceed. A copy of the recommendation letter is attached to these minutes as Annex IV.

Notice of Award

Motion by Director Schmaltz to award the base bid plus Alternate 1 and Alternate 2 for the RRVWSP, Contract 5B, Transmission Pipeline East, to Garney Companies in the amount of \$45,961,700 and to proceed with the contract. Second by Director Schmidt. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Program Schedule - - Ms. Mooridian reviewed the 2021-2022 RRVWSP Program Schedule dated November 29, 2021. 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 December 31, 2021. The total combined program budget is estimated at \$136.3 million. Actual program expenses are \$49.7 million with total outstanding expenses of \$86.5 million. Total program efforts are 37 percent complete. A copy of the budget table is attached to these minutes as Annex V.

Ms. Mooridian pointed out the dollar amounts approved for task orders today are not reflected in this table.

2021-2023 Biennium Budget - \$89.7 Million Work Plan

Ms. Mooridian referred to the RRVWSP 2021-2023 Biennium Budget dated September 29, 2021, listing the work items and cost breakdowns of the \$89.7 million work plan budget. This

budget will be updated once the task orders presented today have been approved by the LAWA and Garrison Diversion boards.

Water Infrastructure Revolving Loan Fund - - Ms. Mooridian referred to the memo submitted to the State Water Commission from Secretary Travnicsek recommending approval of Garrison Diversion's request for RRVWSP funding from the Water Infrastructure Revolving Loan Fund (WIRLF), which is a new fund approved by the 67th legislative assembly. It is administrated by the BND, but the State Water Commission approves project eligibility. A loan request was approved by the State Water Commission at its December 10 meeting in the amount of \$18,215,000 for the RRVWSP. She is continuing to work with the BND to finalize the loan process. The loan term is 40 years with a two percent interest rate.

RRVWSP 2022 Work Plan - - Mr. Kovar reviewed the proposed RRVWSP 2022 Work Plan, a copy which is attached to these minutes as Annex VI.

Motion by Director Hansen to approve the RRVWSP 2022 Work Plan. Second by Director Schmidt. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

CENTRAL NORTH DAKOTA WATER SUPPLY – STATE OF MISSOURI LAWSUIT

Ms. Norgard reported on the appeal regarding the State of Missouri's lawsuit on the Central North Dakota Water Supply (CND) project, stating the briefing by Missouri had been scheduled to take place on December 6; however, extensions have been allowed with the latest extension date January 28, 2022. North Dakota's brief is to follow 30 days later.

FINANCIAL REPORT

2021 Budget Analysis Statement - - Ms. Mooridian reviewed the Budget Analysis Statement for the period of January 1, 2021, to December 31, 2021, a copy which is attached to these minutes as Annex VII.

Ms. Mooridian stated budgeted income for 2021 was \$2,607,792. As of December 31, total income was \$1,848,602. Total expenses were projected at \$2,672,642, with actual expense of \$1,916,495.

The total bank balance at the end of December was \$576,574.

Motion by Director Bohnsack to approve the Budget Analysis Statement for the period of January 1, 2021, through December 31, 2021. Second by Director Nilson. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

2022 Proposed Budget - - Ms. Mooridian reviewed the proposed 2022 LAWA budget. Projected income is \$1,534,000 with anticipated expenses of \$1,630,350. A copy of the 2022 budget is attached to these minutes as Annex VIII.

Motion by Director Schmaltz to approve the proposed 2022 LAWA budget. Second by Director Johnson. Upon roll call vote, the following directors voted aye: Bohnsack,

Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Outside Membership Dues - - Ms. Mooridian referred to statements received from the ND Water Coalition of \$1,000 and ND Water Users Association of \$5,000 for 2022 membership dues.

Motion by Director Schmidt to approve payment of \$1,000 to ND Water Coalition and \$5,000 to ND Water Users Association for 2022 membership dues. Second by Alternate Hansen. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

2022 LAWA Membership Fees - - Ms. Mooridian referred to the draft letter, along with the 2022 dues statement, proposed for mailing to the LAWA members to collect annual membership dues. She asked the board to approve billing for the 2022 LAWA membership dues.

Motion by Alternate Schuler to approve billing LAWA members for 2022 membership dues. Second by Director Nilson. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Summary of Dues and Cost Share Payments

Chair Mahoney referred to the table showing a total of \$33,000 collected for 2021 LAWA membership dues, which is provided for the board's reference.

UNFINISHED BUSINESS

User Outreach - - Ms. Mooridian reported user meetings continue to be held and some rescheduled due to weather conditions.

Mr. Burian informed the board a virtual meeting was held with Northeast Regional Water District and East Central Water District about how the rural water districts could potentially participate in the RRVWSP. A meeting was also held with Cooperstown, which went very well.

Project Participation Agreements - - Ms. Norgard provided an update on the PPA, stating the review and comment period is coming close to an end. It is hoped to have the document ready soon to be presented to the users and set the stage for the next legislative session.

NEW BUSINESS

2021 Audit/AUP

Ms. Mooridian referred to a copy of the engagement letter, which was emailed to the board members prior to the meeting, received from EideBailly explaining the process for applying agreed-upon procedures of LAWA as of or for the periods ended December 31, 2020 and 2021. LAWA is responsible for the procedures being performed.

Ms. Mooridian said the cost of the AUP is \$6,600 plus any possible travel expense.

Ms. Norgard suggested changes to the document in the sections referring to limited indemnification, limitation of liability and governing law.

Motion by Director Nilson to approve the engagement with EideBailly to perform the Agreed Upon Procedures on LAWA's 2020-2021 financial statements, subject to the three changes proposed by legal counsel. Second by Director Carlsrud. Upon roll call vote, the following directors voted aye: Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz, Schmidt and Vein. Alternates voting aye: Hansen and Schuler. Directors voting nay: none. Motion carried.

Motion by Vice Chair Vein to adjourn the meeting. Second by Director Johnson. Upon voice vote, motion carried.

The meeting adjourned at 4 p.m.

Timothy Mahoney, Chair

Duane DeKrey, Secretary

REGISTRATION

LAWA Board Meeting
Fargo Commission Chambers
January 25, 2022

NAME	ADDRESS
Kimberly Cook	GDCO
Tami Norgard	Vogel Law Firm
Bill Bohasack	Mayville
Travis Schmidt	Moorhead Public Service
Steve Hausent	Southeast Water Users
Mark Johnson	Cass Rural Water Users
Jim Schmalz	East Central Roson
Keith Nilson	Walsh Water
Steve Burian	Burian + Associates
JP Kovar	GDCO
John Shockley	Ohmstad Twinnell - West Fargo
Tom MAHoney	City of Fargo
Viviane G. Gray	GDCO
Man. M. Mich	GDCO
Marc Pritchard	Moorhead Public Service
Paul Culver	GDCO
Shawn GARDNER	AGDS
Joe Zauner	American
Rocky Schneider	AEAS
Jerry Blomeke	Cass RW District
Bruce Gumb	Fargo
Bernie Durdis	City of West Fargo
Cindy Hewitt	Garrison Diversion (by video conference)
Dave Anderson	Garrison Diversion (by video conference)
Paul Boersma	Black & Veatch (by video conference)

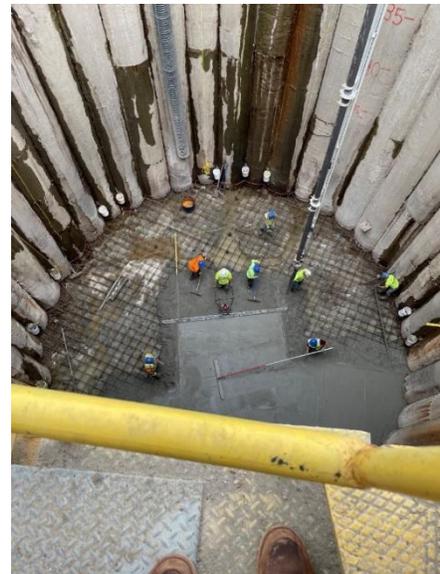
**RRVWSP Work Plan Update
January 14, 2022**

CONSTRUCTION

Wet Well Construction Contract 1

The last finish grade pour (approximately 1.5' thick) completed on August 30 was deemed defective. The final floor heaved due to poor water pressure, and two secants continue to leak small amounts of water. We are currently working with the contractors to remedy the issues. Grout void space below the existing 1' reinforced concrete slab and secant repair will be removed from this contract and added to Contract 2 through Work Change Directive No.1. This will allow Contract 2 to continue without delay in schedule.

Pump truck moving concrete to the bottom for the second pour



Pipeline Construction

All pipe and trenchless work have been installed to date (5,950' total distance). The pipeline walk through was completed and approved. Forty percent of the final restoration has been completed. The pipeline passed the pressure test.

To date, \$5,965,851.76 has been paid on the original contract amount of \$8,366,201.00.



Discharge Structure Construction

The contractor has reached substantial completion and is waiting for steel fabrication this winter. To date, \$1,362,147.25 has been paid on the original contract amount of \$1,516,955.00.



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. Michels has completed the road work, temporary bridge and will start driving sheet pile next week. Michels continues to mobilize and prepare for the tunneling efforts. It is anticipated tunneling will begin February 26, 2022. To date, \$2,598,773.13 has been paid on the original contract amount of \$18,896,000.00.





DESIGN

Pipeline segments 5C (8 miles), 5D (10 miles) and 6 (25 miles) are currently under design.

Bids were opened January 13, 2022, at 2:00 p.m. for Contract 5B. Four bids were received; SJ Louis, Garney Corp, Oscar Renda and Thalle submitted bids.



BID TABULATION SUMMARY

Red River Valley Water Supply Project
 Transmisson Pipeline East
 Carrington to Borden, Foster County, ND
 Contract 5B, Task Order 5532



Bid Opening 2:00 p.m. CST, Thursday, January 13, 2022

No.	Bidder	Env 1							Env 2		Base Bid	Additive Bid Alternate No. 1	Additive Bid Alternate No. 2	Grand Total of Base Bid and Alternates 1 & 2	Additive Bid Alternate No. 3	Grand Total of Base Bid and Alternates 1, 2 & 3
		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						
1	S.J. Louis Construction, Inc.	X	X	X	X	X	X	X	X	\$35,058,340.00	\$5,204,360.00	\$4,515,850.00	\$44,778,550.00	\$3,592,050.00	\$48,370,600.00	
2	Oscar Renda Contracting, Inc.	X	X	X	X	X	X	X	X	\$43,302,600.00	\$5,139,200.00	\$4,668,850.00	\$53,110,650.00	\$5,598,000.00	\$58,708,650.00	
3	Garney Companies, Inc.	X	X	X	X	X	X	X	X	\$36,482,450.00	\$4,846,550.00	\$4,632,700.00	\$45,961,700.00	\$4,338,450.00	\$50,300,150.00	
4	Thalle Construction Co., Inc	X	X	X	X	X	X	X	X	\$44,971,150.00	\$6,072,950.00	\$5,629,050.00	\$56,673,150.00	\$5,131,500.00	\$61,804,650.00	
10	Engineer's Estimate	✓	✓	✓	✓	✓	✓	✓	✓	\$49,675,500.00	\$6,801,500.00	\$6,291,500.00	\$62,768,500.00	\$4,665,000.00	\$67,433,500.00	
Garrison Diversion Conservancy District PO Box 140 Carrington, ND 58421 701-652-3194																
District Engineer / Deputy Director of RRVWSP for Engineering Kip Kovar, PE <i>Kip Kovar</i> January 13, 2022																



January 20, 2022

Garrison Diversion Conservancy District
Red River Valley Water Supply Project
Transmission Pipeline East
Carrington to Bordulac, Foster County, ND
Task Order 5532, Contract 5BBV Project 188972/408872
BV File 55.5532Mr. 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 January 13, 2022, at 2 p.m. local time. A total of four bids were received for the Transmission Pipeline East, Contract 5B project (the Project): all four bids were opened and read aloud. The bid results in the order they were opened are as follows:

Table 1 – Bid Tabulation Summary

Contractor	Base Bid (~7 mi 72" pipe)	Additive Bid Alternate No. 1 (~1 mi 72" pipe)	Additive Bid Alternate No. 2 (~1 mi 72" pipe)	Grand Total of Base Bid Plus Alternates 1 & 2	Additive Bid Alternate No. 3 (78" pipe)
<i>S.J. Louis Construction, Inc.*</i>	\$35,058,340	\$5,204,360	\$4,515,850* \$4,716,750*	\$44,778,550* \$44,979,450*	\$3,592,050* \$3,592,050*
Oscar Renda Contracting, Inc.	\$43,302,600	\$5,139,200	\$4,668,850	\$53,110,650	\$5,598,000
Garney Companies, Inc.	\$36,482,450	\$4,846,550	\$4,632,700	\$45,961,700	\$4,338,450
Thalle Const. Co., Inc.	\$44,971,150	\$6,072,950	\$5,629,050	\$56,673,150	\$5,131,500
Engineer's Estimate	\$49,675,500	\$6,801,500	\$6,291,500	\$62,768,500	\$4,665,000

* Duplicates of two pages were included in the Bid Form for Additive Bid Alternates Nos. 2 and 3; Additive Bid Alternate No. 3 had the same price so that irregularity was of no effect.

The apparent low bid for the Base Bid plus Additive Bid Alternates Nos. 1 and 2 was submitted by SJ Louis Construction, Inc. of Rockville, Minnesota (SJ Louis). The second low bid was submitted by Garney Companies, Inc. of North Kansas City, Missouri (Garney).

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

- Evaluation of the bids,
- Evaluation of the submitted qualifications for general contracting and tunneling,
- Assessment of a bid irregularity of the apparent low bidder, and
- Addresses the apparent low bidder's approach to performing electrical work.

EVALUATION OF THE BIDS

A comparison of the sum of the Base Bid and Additive Alternates Nos. 1 and 2 of the apparent low bidder and second low bidder shows a difference of 2.6 percent. This indicates the bidders had a good understanding of the Project. Bids generally fell into two groupings: the apparent low's and second low's bids were in the first grouping in the \$45 to \$46 million range, and the other two bidders were in the second grouping in the \$53 to \$57 million range. The engineer's opinion of probable construction cost prepared by Black & Veatch was \$62,768,500, which was higher than the four bidders.

EVALUATION OF THE CONTRACTOR QUALIFICATIONS

To demonstrate a general contractors' qualifications to perform the work contemplated in the plans and specifications, Specification Section 00 45 20.2 – General Contractor Qualifications Form 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.

As you know, a critical part of the Work is the trenchless crossing of the Canadian Pacific Railway's main line. 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:

- At least 10 years of experience tunneling using similar equipment to that specified for this Project, which is either a microtunnel boring machine (MTBM) or an earth pressure balance machine (EPBM).
- Two successfully completed projects within the last 10 years with these characteristics:
 - Projects must each have been at least 300 feet in length.
 - Each project must have included installation of 72-inch or larger diameter casing pipe.
 - Projects must each have used similar machines to what is required here.
- One referenced project must have a 300-ft tunnel drive in glacial geology.

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

Upon review of the information submitted with the bid, it was determined that SJ Louis met the required 10 years of experience for both general contracting and tunneling. The following Table 2 summarizes SJ Louis' referenced projects for general contracting and tunneling and provides our assessment of those projects relative to the required general contractor and tunneling contractor/subcontractor qualifications.

The apparent low bidder, SJ Louis, provided with its bid a list of five projects to demonstrate it was qualified to complete the Work as the general contractor as defined in the specifications. Black & Veatch subsequently determined through interviews of project contacts provided by SJ Louis two referenced projects met the qualification requirements and three did not. See Table 2 for the evaluation of projects submitted. Three qualifying projects were required by the specifications, so SJ Louis does not meet the specified general contractor qualifications requirements.

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 was able to verify technical project information with contact provided. 3. Central Utah Water Conservancy District, UT; Spanish Fork Canyon Pipeline Project: Engineer was able to verify project information and successful completion with contact provided. 4. Semitropic-Rosamound Water Bank Authority, Palmdale, CA; Antelope Valley Water Bank Project: Reference was not contacted as project did not meet screening criteria. 5. Canadian River Municipal Water Authority, Sanford, TX; Aqueduct Pipe Repairs: Engineer was able to verify project information and successful completion with contact provided. 	<ol style="list-style-type: none"> 1. Valid project reference. Project met time, material, size, and length requirements. 2. Not a valid project reference. Project met time, material, size, and length requirements. However, the City of Gillette refuses to provide information concerning SJ Louis’ performance due to a non-disclosure agreement signed between the City of Gillette and SJ Louis. Consequently, we are unable to verify SJ Louis’ performance. 3. 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 November 2011 to November 2021. 4. Not a valid project reference. Met size, length, and material requirements; however, the project is outside the 10-year window of November 2011 to November 2021. 5. Valid project reference. Project met time, material, size, and length requirements.
<p>Tunneling Qualifications Two successfully completed projects within the last 10 years with these characteristics:</p> <ul style="list-style-type: none"> • Projects must have been at least 300 feet in length. • They must have included installation of 72-inch diameter or larger casing pipe. • Projects must have used similar machines to what is required for this Project. • One of the referenced projects must have been completed in glacial geology. 	<ol style="list-style-type: none"> 1. Town of Cary, NC; West Reedy Branch and Beaver Creek, Contract 7: Engineer was able to verify project information and successful completion with contact provided. 2. El Paso Water Utilities, El Paso, TX; Eastside Interceptor Phase 5: Engineer was able to verify project information and successful completion with contact provided. 3. City of Dallas, TX; Elm Fork 72” Water Main: Engineer was able to verify project information and successful completion with contact provided. 4. Reference Left Blank 5. Harford County Department of Procurement, Harford, MD; Bush Creek Force Main; Engineer was able to verify project information and successful completion with contact provided. 	<ol style="list-style-type: none"> 1. Valid project reference. A portion of the project met length, diameter, and time criteria. Tunneling was not in glacial geology. Steel casing pipe installed for the qualifying tunnel while another used liner plate. 2. Valid project reference. Project met length, diameter, and time criteria. Tunneling was not in glacial geology. Steel casing pipe installed. 3. Not a valid project reference. Project met length, time, and diameter criteria; however, liner plate was used for tunneling. Tunneling was not in glacial geology. 4. No reference provided. 5. Not a valid project reference. Project met the diameter and time criteria; however, the installed length is too short. Tunneling was not in glacial geology. Steel casing pipe installed.



Per the information submitted with its bid, SJ Louis intends to self-perform the tunneling work. They provided a list of four tunneling projects to demonstrate their tunneling qualifications: Black & Veatch determined only three of the four projects listed met the tunneling time, length, and size requirements. Of those three, one project was not a valid project because it did not meet the requirement of using casing pipe. Instead it used tunnel liner plate. Also concerning the three projects that met the time, length, and diameter requirement, none of the projects were tunneled in glacial geology. One tunneling project in glacial geology was required in the specifications, so SJ Louis also does not meet the tunneling contractor qualifications requirements either.

Black & Veatch determined SJ Louis is not qualified for either the general contractor or tunneling qualifications of this Project in accordance with the Contract Documents based on the information SJ Louis submitted with its bid. Therefore, Black & Veatch moved to an evaluation of the apparent second low bidder.

Evaluation of the Apparent Second Low Bidder, Garney Companies, Inc.

The apparent second low bidder, Garney, meets the required 10 years of experience for general contracting and its tunneling subcontractor meets the 10-year requirement as well. The following Table 3 summarizes Garney's referenced projects for general contracting and tunneling and provides our assessment of those projects relative to the required general contractor and tunneling contractor/subcontractor qualifications.

Garney provided with its bid a list of five projects to demonstrate they were qualified to complete the pipeline installation as the general contractor. References for the five projects were contacted, and all five provided positive responses to their respective projects. Black & Veatch subsequently determined four of the five referenced projects met the specific threshold experience requirements. See Table 3 for the evaluation of projects submitted. The one project that was deemed too short to qualify was the Devil's Lake Outlet project for the North Dakota State Water Commission; the steel portion of the project was under the 10,000-ft threshold. Three qualifying projects were required by the specifications, so Garney does meet the specified general contractor qualifications requirements with four acceptable projects submitted.

Garney intends to subcontract the tunneling work to Minger Construction Company, Inc. (Minger) per the information shown on Specification Section 00 43 36 - Proposed Subcontractors, Suppliers, and Manufacturers Questionnaire submitted with the bid. Minger provided a list of five tunneling projects to demonstrate their tunneling qualifications. References for the five projects were contacted and all five provided positive responses to their respective projects completed by Minger. Black & Veatch subsequently determined all five projects met the specification requirements; two qualifying projects were required. Minger does, therefore, meet the specified tunneling contractor/subcontractor qualifications requirements.

Garney has met both the general contractor and the tunneling contractor/subcontractor qualifications requirements through successful completion of both the referenced pipeline and trenchless crossing projects. Because of this, Black & Veatch determined Garney qualified to complete Garrison Diversion's project based on their compliance with the Project's specified criteria in the Contract Documents.

Table 3 – Garney Companies’ 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. Colorado Springs Utilities; Southern Delivery System Raw Water Pipeline: Engineer was able to verify project information and successful completion with contact provided. 2. Central Texas Regional Water Supply Corporation; Vista Ridge Water Supply Project: Engineer was able to verify project information and successful completion with contact provided. 3. North Texas Municipal Water District; Trinity River Main Stem Pipeline and Pump Station: Engineer was able to verify project information and successful completion with contact provided. 4. North Texas Municipal Water District; Bois d’Arc Lake, Raw Water Pipeline: Engineer was able to verify project information and successful completion with contact provided. 5. North Dakota State Water Commission; Devil’s Lake East End Outlet Pipeline Installation: Engineer was able to verify project information and successful completion with contact provided. 	<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. 3. Valid project reference. Project met time, material, size, and length requirements. 4. Valid project reference. Project met time, material, size, and length requirements. 5. Not a valid project reference. Project met time, size, and material requirements, but the length of the steel pipeline portion is too short.
<p>Tunneling Qualifications Two successfully completed projects within the last 10 years with these characteristics:</p> <ul style="list-style-type: none"> • Projects must have been at least 300 feet in length. • They must have included installation of 72-inch diameter or larger casing pipe. • Projects must have used similar machines to what is required for this Project. • One of the referenced projects must have been completed in glacial geology. 	<ol style="list-style-type: none"> 1. Iowa Department of Transportation; Woodbury Sanitary Sewer: Engineer was able to verify project information and successful completion with contact provided. 2. City of Des Moines, Water Reclamation Authority; Eastside Interceptor Segment 27 Ph 5: Engineer was able to verify project information and successful completion with contact provided. 3. City of Des Moines, Water Reclamation Authority; Eastside Interceptor Segment 27 Ph 3: Engineer was able to verify project information and successful completion with contact provided. 4. City of Bloomington, MN; Penn American Stormwater Project: Engineer was able to verify project information and successful completion with contact provided. 5. Garrison Diversion Conservancy District; Red River Valley Water Supply Project, Transmission Pipeline East, Contract 5A: Engineer was able to verify project information and successful completion with contact provided. 	<ol style="list-style-type: none"> 1. Valid project reference. Met size, length, and time criteria. Tunneling in glacial geology. Steel casing pipe installed. 2. Valid project reference. Met size, length, and time criteria. Tunneling in glacial geology. Hobas casing pipe installed. 3. Valid project reference. Met size, length, and time criteria. Tunneling in glacial geology. Hobas casing pipe installed. 4. Valid project reference. Met size, length, and time criteria. Tunneling in glacial geology. Hobas casing pipe installed. 5. Valid project reference. Met size, length, and time criteria. Tunneling in glacial geology. Steel casing pipe installed.



ASSESSMENT OF THE BID IRREGULARITY OF THE APPARENT LOW BIDDER

The bid specifications required bidders to submit an alternate bid (Additive Bid Alternate No. 2) for the installation of Transmission Pipeline East, STA 7011+00 to 7060+00. SJ Louis submitted two conflicting variations of Additive Bid Alternate No. 2, with one bid listing a price of \$4,515,850.00 and the other listing a price of \$4,716,750.00. SJ Louis' submission of more than one bid is not permitted in the specifications, specifically specification section 00 21 13 – Instructions to Bidders, Paragraphs 15.07 and 19.02, resulting in SJ Louis' bid not conforming with the specifications and requirements. Garrison Diversion's legal counsel has determined that SJ Louis' submission of two conflicting variations of Additive Bid Alternate No. 2 may be deemed a material deviation from the bid specifications. Such a material deviation renders SJ Louis' bid non-responsive and negatively impacts the Garrison Diversion Board of Director's ability to enter into a valid and enforceable contract with SJ Louis, as a contract may be deemed void if it is entered into based on a bid that materially deviates from the bid specifications or contains material irregularities. Garrison Diversion's legal counsel advises SJ Louis' bid may be disqualified based on its submission of two conflicting variations of Additive Bid Alternate No. 2.

EVALUATION OF THE APPARENT LOW BIDDER'S APPROACH TO ELECTRICAL SUBCONTRACTING

Specification Section 00 43 36 – Proposed Subcontractors, Suppliers, and Manufacturers Questionnaire required bidders to name a pipe corrosion protection subcontractor and fiber raceway installation subcontractor or identify whether the bidder intended to self-perform these items. The corrosion control and raceway installation work constitutes less than 5 percent of the Contract Value, so it is a relatively small portion of the Project, but it is critical to successful completion of the Work and the service life of the pipeline. SJ Louis named Farwest Corrosion Control Company as its pipe corrosion protection subcontractor and indicated it intends to self-perform the fiber raceway installation. After seeking clarification from SJ Louis, Black & Veatch learned SJ Louis intends to self-perform the pipe corrosion protection installation. After further investigation, Black & Veatch determined neither Farwest Corrosion Control Company nor SJ Louis were licensed in the State of North Dakota as an electrical contractor to perform the electrical work associated with the pipe corrosion protection or fiber raceway installation work. Because SJ Louis did not identify a licensed electrical subcontractor for pipe corrosion protection subcontractor and fiber raceway installation, and SJ Louis is not itself licensed to perform these items, SJ Louis failed to meet the bid specifications.

SUMMARY AND RECOMMENDATION

Not meeting general contractor and tunneling contractor qualifications and the bid irregularity flagged by Garrison Diversion's legal team are the most significant reasons for not awarding SJ Louis the contract and are adequate by themselves. Not having an electrical license covering portions of the Work is an added concern. For these reasons, Black & Veatch recommends that Garrison Diversion Conservancy District award the Project to the second low bidder, Garney Companies, Inc., for the Base Bid amount of \$36,482,450.00. We further recommend that that Additive Bid Alternates Nos. 1 and 2 be accepted in the amount of \$4,846,550.00 and \$4,632,700.00, respectively, as the total of these three bid items are within the Project's dedicated biennium budget. Black & Veatch further recommends that Additive Bid Alternate No. 3, which involves an upsizing of the pipe to a 78-inch pipeline, not be accepted. A decision on providing additional capacity in the pipeline can be deferred until later; installing the 72-inch pipe now under Contract 5B does not preclude a capacity increase later, if the State and end users make that decision. If Garrison Diversion agrees with these recommendations, the total value of the award for the Base Bid plus Additive Bid Alternates Nos. 1 and 2 is then \$45,961,700.00.

Should you concur with our recommendation and upon receipt of the Notice of Award, Black & Veatch will prepare and submit conformed copies of the Contract Documents to Garney Companies, Inc. for execution.

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

Very truly yours,

BLACK & VEATCH CORPORATION



Paul Boersma
Associate Vice President

BLACK & VEATCH CORPORATION



Kurt A. Ronnekamp
Sr. Project Manager

Enclosure(s):

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

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

Annex V
22-22

December 31, 2021	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	89%	\$ 1,521,047	\$ 1,347,769	\$ 173,278
Program Management Information System	54%	\$ 113,100	\$ 60,681	\$ 52,419
Stakeholder Support	51%	\$ 398,830	\$ 205,351	\$ 193,479
Subtotal	79%	\$ 2,032,977	\$ 1,613,801	\$ 419,176
Engineering/Land Acquisitions				
Missouri River Intake - Screen Structure Design	72%	\$ 1,884,000	\$ 1,357,143	\$ 526,857
Operational Plan Phase 1	33%	\$ 106,000	\$ 34,816	\$ 71,184
Land Acquisition 2019/2021	41%	\$ 650,000	\$ 263,404	\$ 386,596
2019 to 2021 Biennium Program Management Services	93%	\$ 166,191	\$ 155,057	\$ 11,134
Project Planning, Finance, Admin, etc.	15%	\$ 433,809	\$ 64,359	\$ 369,450
Final Design Transmission Pipeline - 5b	66%	\$ 545,000	\$ 359,740	\$ 185,260
Final Design Transmission Pipeline - 5c & 5d	0%	\$ 970,000	\$ -	\$ 970,000
Final Design Transmission Pipeline - 6	1%	\$ 4,000,000	\$ 36,132	\$ 3,963,868
Acquire Easements	1%	\$ 2,919,000	\$ 40,372	\$ 2,878,628
<i>Undesignated Savings</i>	<i>Upcoming</i>	\$ 570,767	\$ -	\$ 570,767
Engineering & Land Acquisition Subtotal		\$ 12,244,767	\$ 2,311,023	\$ 9,933,744
Construction				
Pipeline & Trenchless	75%	\$ 10,157,651	\$ 7,654,810	\$ 2,502,841
Construction Contract	82%	\$ 8,366,201	\$ 6,899,026	\$ 1,467,175
Bidding Services	87%	\$ 86,685	\$ 75,621	\$ 11,064
Construction Phase Services	78%	\$ 868,145	\$ 680,163	\$ 187,982
<i>Contingency</i>	<i>if needed</i>	\$ 836,620	\$ -	\$ 836,620
Discharge Structure	66%	\$ 2,449,799	\$ 1,609,099	\$ 840,700
Construction Contract	94%	\$ 1,516,955	\$ 1,426,884	\$ 90,071
Bidding Services	72%	\$ 56,799	\$ 40,737	\$ 16,062
Construction Phase Services	73%	\$ 193,000	\$ 141,478	\$ 51,522
<i>Contingency</i>	<i>if needed</i>	\$ 683,045	\$ -	\$ 683,045
Missouri River Intake Wetwell	79%	\$ 6,148,227	\$ 4,883,347	\$ 1,264,880
Construction Contract	87%	\$ 4,989,406	\$ 4,357,192	\$ 632,214
Bidding Services	64%	\$ 56,881	\$ 36,662	\$ 20,219
Construction Phase Services	80%	\$ 612,000	\$ 489,493	\$ 122,507
<i>Contingency</i>	<i>if needed</i>	\$ 489,940	\$ -	\$ 489,940
Missouri River Intake Screen Structure & Tunnel	13%	\$ 23,000,000	\$ 2,970,841	\$ 20,029,159
Construction Contract	14%	\$ 18,896,900	\$ 2,598,773	\$ 16,298,127
Construction Phase Services	4%	\$ 2,260,000	\$ 88,901	\$ 2,171,099
<i>Contingency</i>	<i>if needed</i>	\$ 1,843,100	\$ 283,166	\$ 1,559,934
Pipeline B	0%	\$ 51,600,000	\$ 18,789	\$ 51,581,211
Construction Contract	0%	\$ 48,000,000	\$ -	\$ 48,000,000
Construction Phase Services	1%	\$ 3,600,000	\$ 18,789	\$ 3,581,211
Construction Subtotal	18%	\$ 93,355,677	\$ 17,136,885	\$ 76,218,792
Total Program Budget	37%	\$ 136,342,583	\$ 49,770,871	\$ 86,571,712

RRVWSP 2022 Work Plan

1. Complete construction contracts for the discharge structure, pipeline Contracts 5A and 5B, Missouri River Intake Contract 2 and construction phased services with each contract.
2. Continue with final design on pipeline contract 5c, 5d and 6.
3. Complete preliminary design on the 32 miles of the ENDAWS project.
4. Land Services – continue securing ROW and acquisition of properties from the break tank to discharge.
5. Complete Phase 1 and 2 of the RRVWSP Operational Planning.
6. Complete Pipeline Extension Conceptual Design.
7. Draft and complete Project Participation Agreement.
8. Continue use of previously developed program management tools to support financial and budget tracking, to mitigate project risks and to monitor schedule performance.
9. Present updated financial models to stakeholders and policymakers.
10. Close on BND loan for a portion of the local share of 21/23 Work Plan effort.
11. Continue with user outreach meetings preparing for final signups.
12. Continue communications.

**2021 Budget Analysis**

For the period of January 1, 2021-December 31, 2021

Income	2021 Budget	Actual as 12/31/2021	Balance of Budget
Dues Income	\$ 30,000.00	\$ 33,000.00	\$ (3,000.00)
Interest Income	\$ -	\$ -	\$ -
Miscellaneous	\$ -	\$ 229.60	\$ (229.60)
Cost Share-Interim Finance	\$ 2,577,792.00	\$ 1,815,372.71	\$ 762,419.29
Total Income	\$ 2,607,792.00	\$ 1,848,602.31	\$ 759,189.69
Expenses			
Dues Expenses	\$ 1,300.00	\$ 6,300.00	\$ (5,000.00)
Accounting	\$ 1,000.00	\$ -	\$ 1,000.00
Directors Expense	\$ 500.00	\$ -	\$ 500.00
Insurance	\$ 550.00	\$ 502.00	\$ 48.00
Construction	\$ 1,965,236.00	\$ 1,339,596.36	\$ 625,639.64
Engineering	\$ 300,056.00	\$ 374,796.73	\$ (74,740.73)
Property Acquisition/Easements	\$ 150,000.00	\$ 46,712.17	\$ 103,287.83
Adm/Legal/Financial	\$ 254,000.00	\$ 148,587.95	\$ 105,412.05
Total Expenses	\$ 2,672,642.00	\$ 1,916,495.21	\$ 756,146.79
Net Income (Loss)	\$ (64,850.00)	\$ (67,892.90)	\$ 3,042.90

Account Activity

Beg. Bank Balance 1-1-2021	\$ 644,467.08
Income Received	\$ 1,848,602.31
Total Funds Available	\$ 2,493,069.39

Ck#1174-North Dakota Water Coalition	\$ 1,000.00
Ck#1175-North Dakota Water Users Assoc.	\$ 5,000.00
Ck#1176 Ohnstad Twichell, P.C.	\$ 1,890.00
Ck#1177 Garrison Diversion	\$ 89,927.05
Ck#1178 Ohnstad Twichell, P.C.	\$ 1,360.00
Ck#1179 Garrison Diversion	\$ 20,500.00
Ck#1180 Garrison Diversion	\$ 114,761.56
Ck#1181 Ohnstad Twichell	\$ 3,060.00
Ck#1182 Garrison Diversion	\$ 15,375.00
Ck#1183 North Dakota Rural Water Users	\$ 300.00
Ck#1184 Insure Forward	\$ 502.00
Ck#1185 Garrison Diversion	\$ 112,084.98
Ck#1186 Ohnstad Twichell	\$ 2,346.00
Ck#1187 Garrison Diversion	\$ 353,932.38
Ck#1188 Ohnstad Twichell	\$ 3,934.50
Ck#1189 Ohnstad Twichell	\$ 612.00
Ck#1190 Garrison Diversion	\$ 15,375.00
Ck#1191 Ohnstad Twichell	\$ 8,126.00

Ck#1192 Garrison Diversion	\$	447,300.46	
Ck#1193 Ohnstad Twichell	\$	11,492.00	
Ck#1194 Garrison Diversion	\$	10,250.00	
Ck#1195 Garrison Diversion	\$	529,887.66	
Ck#1196 Garrison Diversion	\$	167,478.62	
<hr/>			
Total Expenses	\$	1,916,495.21	
Ending Bank Balance			\$ 576,574.18



Lake Agassiz Water Authority

2022 Budget

Income

Dues Income	\$	30,000.00
Interest Income	\$	-
Miscellaneous	\$	-
Cost Share-Interim Finance	\$	1,504,000.00
Total Income	\$	1,534,000.00

Expenses

Dues Expenses	\$	6,300.00
Accounting	\$	7,500.00
Directors Expense	\$	500.00
Insurance	\$	550.00
Construction	\$	1,144,000.00
Engineering	\$	300,000.00
Property Acquisiton/Easements	\$	40,000.00
Adm/Legal/Financial	\$	131,500.00
Total Expenses	\$	1,630,350.00

Anticipated Bank Activity

Beginning Bank Balance 1-1-22	\$	576,574.18
Income Budget	\$	1,534,000.00
Expense Budget	\$	1,630,350.00
Anticipated Bank Balance 12-31-22	\$	480,224.18