

**RED RIVER VALLEY COMMITTEE**  
**Garrison Diversion Conservancy District**  
**Carrington, ND**

**October 19, 2023**

**9:30 a.m.**

- 9:30 a.m. I. Call to Order & Pledge of Allegiance – Ken Vein
- 9:32 a.m. II. Roll Call – Lisa Schafer
- 9:33 a.m. III. Consideration of Minutes – Ken Vein
  - A. >**June 26, 2023**
  - B. >**July 13, 2023**
- 9:35 a.m. IV. Red River Valley Water Supply Project Update – Kip Kovar
  - A. >Work Plan & Construction Update
    - 1. Contract 5B, Transmission Pipeline East
      - a. >**\*Work Change Directivek No. 4**
  - B. Contract 5C Transmission Pipeline East
    - 1. >Bid Tab Summary
  - C. System Hydraulics – Pipe Size
- 10:45 a.m. V. Unfinished Business
- 10:50 a.m. A. Insurance Advisor – Merri Mooridian
- VI. Adjourn

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

23-05

**GARRISON DIVERSION CONSERVANCY DISTRICT**

**RED RIVER VALLEY COMMITTEE**

**Advanced Engineering & Environmental Services  
Grand Forks, North Dakota**

**June 26, 2023**

A meeting of Garrison Diversion Red River Valley (RRV) Committee was held on June 26, 2023, at Advanced Engineering & Environmental Services in Grand Forks. The meeting was called to order by Chair Ken Vein at 2:00 p.m.

**MEMBERS PRESENT**

Board Chairman Alan Walter  
Committee Chairman Ken Vein  
Director Jay Anderson  
Director Greg Bischoff  
Secretary Duane DeKrey

**MEMBERS ABSENT**

Director Jason Siegert

A copy of the registration sheet is attached to the minutes as Annex I.

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

**CONSIDERATION OF MINUTES**

**Motion by Director Bischoff to approve the February 1, 2023, Red River Valley Committee minutes. Second by Director Anderson. Upon voice vote, motion carried.**

**RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP)**

**Construction Update** - - Chairman Vein stated the construction update was provided this morning during the Lake Agassiz Water Authority (LAWA) Technical Advisory Committee (TAC) meeting, which included reports on Transmission Pipeline East Contract 5B and the closeout of Contract 2 for the Missouri River Intake. The TAC also reviewed and acted upon the biennium work plan, Contract 6A design, advertising for Contracts 5C, 5D and 6A, multiple task orders and contractor prequalification.

A majority of the Red River Valley Committee members were present during the TAC meeting and heard the discussion and recommendations to be made to the LAWA Board on July 13.

Recommendations are also required by the RRV Committee to be presented to the Garrison Diversion board at its July 19 meeting.

### **Biennium Draft Work Plan 2023-2025**

The 2023-2025 biennium budget in the amount of \$244 million consists of \$180 million from the state, \$61 million from the local users and \$3 million from the MR&I Program.

The 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 Prelim 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 Participation Agreements (PPAs) Signed

**Motion by Director Walter to recommend approval of the RRVWSP 2023-2025 Biennium Work Plan in the amount of \$244 million to the full board. Second by Director Bischoff. Upon roll call vote, the following directors voted aye: Anderson, Bischoff, Vein and Walter. Directors voting nay: none. Absent and not voting: Siegert. Motion carried.**

### **Approval of Contract 6A Design**

Specifications and drawings for RRVWSP Transmission Pipeline, James River to Eastman Township, Foster County, Contract 6A, were provided to the committee through a Dropbox link prior to the meeting. This is for construction of approximately 64,000 feet (nine miles) of 72-inch diameter steel water pipeline, including two 96-inch diameter trenchless highway/road crossings and one 96-inch diameter trenchless wetland crossing. Strict segregation and stockpiling of topsoil and subsoil for pipe installation will be required. The work also includes an impressed current pipeline corrosion protection system, pipeline appurtenances, and all other work specified or shown on the drawings.

Kip Kovar, District Engineer/Deputy Program Manager for RRVWSP Engineering, Garrison Diversion, suggested the committee approve the design of this contract so it can be ready to bid. A bid alternate for upsizing the pipe will also be included with this contract design.

**Motion by Director Anderson to approve design of RRVWSP Transmission Pipeline, James River to Eastman Township, Foster County, Contract 6A, with the bid alternate. Second by Director Walter. Upon roll call vote, the following directors voted aye: Anderson, Bischoff, Vein and Walter. Directors voting nay: none. Absent and not voting: Siegert. Motion carried.**

### **Advertise Contracts 5C, 5D and 6A**

The biennium work plan consists of pipeline installation, and the proposal is to advertise for Transmission Pipeline East Contracts 5C, 5D and 6A. Contract 5C would go out for advertisement the week of July 24, and then stagger Contracts 5D and 6A each by two weeks. Each contract is roughly 10 miles of pipe.

Advertising will begin before State Water Commission (SWC) approval, which this committee has agreed to in the past. LAWA and Garrison Diversion Boards meet the middle of July and will be considering approval of the biennium budget. If approved, advertising would move forward.

**Motion by Director Anderson to recommend advertising Contracts 5C, 5D and 6A on the Red River Valley Water Supply Project Transmission Pipeline East to the full Board. Second by Director Bischoff. Upon roll call vote, the following directors voted aye: Anderson, Bischoff, Vein and Walter. Directors voting nay: none. Absent and not voting: Siegert. Motion carried.**

**Work Plan Update** - - Mr. Kovar reviewed the June 8, 2023, RRVWSP Work Plan Update, which summarizes construction activities.

### Task Orders

#### **RRVWSP Task Order 5371 – Red River Valley Transmission Pipeline, Contract 7, Final Design Services and Bidding Assistance**

RRVWSP Task Order 5371 is for the final design services for the Red River Valley Transmission Pipeline, Contract 7. It is the last 13.4 miles of pipeline ending at Cooperstown and the Sheyenne River Outfall. This task order takes 30 percent plans and specifications to final documents for bidding of the seventh pipeline final design project. Black & Veatch will lead this task order with support provided by AE2S. The total cost of the task order is \$2,926,000.

#### **ENDAWS Task Order 5335 – Eastern North Dakota Alternate Water Supply (ENDAWS) Transmission Pipeline, Contract 3, Final Design and Bidding Assistance**

ENDAWS Task Order 5335 is for final design of the first pipeline contract under ENDAWS. It consists of an 11-mile pipeline segment out of the 32-mile ENDAWS transmission pipeline. The total cost of the task order is 3,056,000.

#### **RRVWSP Task Order 5633 – Transmission Pipeline East, Contracts 5C and 5D and Red River Valley Transmission Pipeline Contract 6A Construction Phase Services**

RRVWSP Task Order 5633 is for construction observation and engineering support associated with Garrison Diversion's third, fourth, and fifth construction projects (Transmission Pipeline East Contracts 5C and 5D and Red River Valley Transmission Pipeline Contract 6A), with construction phase services provided during construction of a 27-mile segment of the RRVWSP transmission pipeline at a construction cost of about \$182 million. The projects are slated to advertise in July and August 2023 with bid openings set for August and September 2023. Construction notices to proceed will be issued no later than October 2023.

Contract 5C involves eight miles of steel pipe and will connect to the east end of Contract 5B near Bordulac and continue to just east of the James River. Contract 5D involves ten miles of steel pipe and will connect to the west end of Contract 5A just south of Carrington heading west and ending in the vicinity of Sykeston. Contract 6A involves up to nine miles of pipe and will connect to Contract 5C on the east end near the James River and head east to an ending point south of Glenfield.

The cost of the task order is \$16,067,000.

Mr. Kovar commented there may be ways to trim back costs on this task order once the construction begins and the workload is determined.

#### **RRVWSP Task Order 9510 – 2023-2025 Biennium User Outreach & Pipeline Extensions**

The objective of RRVWSP Task Order 9510 is to secure signed PPAs from the prospective users (potentially 24) by the end of the 2023-2025 biennium. A team will be formed to conduct negotiations with the potential users.

Mr. Burian provided background on previous user meetings spanning back to 2016. He also reviewed the user commitment plan and major tasks, along with a cost breakdown, involved with this task order. The cost of the task order is \$1,693,000.

#### **RRVWSP Task Order 1510 – 2023-2035 Biennium Program Management Support**

RRVWSP Task Order 1510 enables the consulting team to help Garrison Diversion maintain the programmatic budgets, biennium budgets, schedules, and risk management tools to enable them to responsibly manage the biennium budget. The task order also includes contingency funding to be spent only upon Garrison Diversion's direction to cover unforeseen program related tasks. The cost of the task order is \$654,000.

**Motion by Director Bischoff to recommend approval of the following task orders to the full board:**

**RRVWSP Task Order 5371, Red River Valley Transmission Pipeline, Contract 7, Final Design Services and Bidding Assistance in the amount of \$2,926,000**

**ENDAWS Task Order 5335, Eastern North Dakota Alternate Water Supply Transmission Pipeline, Contract 3, Final Design and Bidding Assistance in the amount of \$3,056,000**

**RRVWSP Task Order 5633, Transmission Pipeline East, Contracts 5C and 5D and Red River Valley Transmission Pipeline Contract 6A Construction Phase Services in the amount of \$16,067,000**

**RRVWSP Task Order 9510, 2023-2025 Biennium User Outreach & Pipeline Extensions, in the amount of \$1,693,000**

**RRVWSP Task Order 1510, 2023-2035 Biennium Program Management Support, in the amount of \$654,000**

**Second by Director Walter. Upon roll call vote, the following directors voted aye: Anderson, Bischoff, Vein and Walter. Directors voting nay: none. Absent and not voting: Siegert. Motion carried.**

### **General Contractor Prequalification**

Eight contractors submitted applications to be considered for contractor prequalification. Each were evaluated based on certain criteria the following seven contractors are being recommended for prequalification:

- Carstensen Contracting, Inc.
- Garney Companies, Inc.
- Harper Brothers Construction, Inc.
- McKee Utility Contractors, LLC
- Oscar Renda Contracting, Inc.
- Ric-Man Construction, Inc.
- Thalle Construction Co., Inc.

Black & Veatch will prepare a letter of recommendation to be submitted to the LAWA and Garrison Diversion Board of Directors.

Mr. Kovar added this does not preclude other contractors from submitting bids; however, prequalification will cause the bidding process to proceed much more quickly.

**Motion by Director Anderson to refer the seven recommended contractors to the full board for approval. Second by Director Bischoff. Upon voice vote, motion carried.**

**Program Schedule** - - The RRVWSP Program Schedule dated June 23, 2023, which shows the timeline of the ongoing RRVWSP construction projects, is provided for the committee's information.

**Program Budget** - - The RRVWSP Planning Level Budget dated May 31, 2023, showing program expenses was also provided for the board's information.

**Rainbow Energy/Washburn Update** - - This update was given at the LAWA TAC meeting.

### **OTHER BUSINESS**

The next Red River Valley Committee meeting will be July 13 following the LAWA Board meeting in Fargo.

There being no further business to come before the committee, the meeting adjourned at 2:20 p.m.

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Ken Vein, Chairman

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Kip Kovar, Secretary

REGISTRATION

RED RIVER VALLEY COMMITTEE MEETING

AE2S  
Grand Forks, North Dakota

June 26, 2023

NAME	ADDRESS
<i>Lisa Schaper</i>	<i>AE2S</i>
Steve L. Burkin	Burkin & Associates
ALAN M. WALTER	GDCD
<i>Juane Dr. May</i>	GDCO
<i>Kurt Rennkamp</i>	BY
Ken Veri	GDCD
<i>Jo Kovan</i>	GDCD
<i>Kirkley Cook</i>	GDCD
<i>Brent Eriksson</i>	AE2S
<i>Greg Bischoff</i>	GDCD
<i>Jay Paul Anderson</i>	GDCD - Ranson <i>Cook</i>

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

23-11

## **GARRISON DIVERSION CONSERVANCY DISTRICT**

### **RED RIVER VALLEY COMMITTEE**

**Fargo City Hall  
Fargo, North Dakota**

**July 13, 2023**

A meeting of Garrison Diversion Red River Valley (RRV) Committee was held on July 13, 2023, in Fargo. The meeting was called to order by Chair Ken Vein at 12:15 p.m.

#### **MEMBERS PRESENT**

Board Chairman Alan Walter  
Committee Chairman Ken Vein  
Director Jay Anderson  
Director Greg Bischoff  
Director Jason Seigert (by video conference)  
Secretary Duane DeKrey

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

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

#### **BOARD POLICY**

##### **Red River Valley Committee and General Manager Authorities**

Duane DeKrey, Secretary, referred to a copy of the minutes from the April 2016 Board of Directors meeting. At that time, the board approved a resolution regarding board policy changes, including the authorities of the Red River Valley Committee, such as spending authority, decision making, permit applications, contractor prequalification, land owner claims and condemnation, as well as the spending authority of the general manager.

Mr. DeKrey said this information is a reminder to the committee as to the spending authority allowed to the RRV Committee, which is five percent of the contract total or \$100,000 per contract, whichever amount is greater; and the general manager, which is \$75,000.

##### **Preconstruction Activities**

Kip Kovar, District Engineer, Garrison Diversion, reported with Contract 5C, there is an overhead powerline to relocate and bury. This contract is being prepared for bids; however, the work with the powerline needs to be done ahead of time so the contractor is not dealing with this issue when they mobilize.



Mr. Kovar also reported an easement has been negotiated with a landowner to remove trees on the landowner's property. The cost for this is approximately \$8,000.

The last preconstruction activity concerns Contract 6B and possibly Contract 6A. A manhole located right along the road contains fiber optics which needs to be relocated. The cost is approximately \$30,000.

Mr. Kovar said these preconstruction activity costs all fall within the general manager's authority of approval. They are being provided for the committee's information.

Chairman Vein said he agrees with the general manager's approval on these items, but he appreciates keeping the committee informed on these decisions.

## **RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP)**

### **Work Plan and Construction Update**

#### **Transmission Pipeline East, Contract 5B**

Mr. Kovar provided an update on Transmission Pipeline, Contract 5B, near Carrington, stating to date, nearly 2,000 feet of pipeline has been installed. A second pipeline crew will arrive on July 17, and a third pipeline crew is expected August 7. The third crew will work night shifts, using the second crew's equipment.

### **Work Change Directive No. 2**

Mr. Kovar referred to Work Change Directive No. 2 included with the meeting materials, explaining this was issued by Garrison Diversion rather than the contractor. This work change directive will provide stabilization for all soil stockpiles and weed control for the stockpiles and the areas that were disturbed. The cost is \$38,227.50.

### **Change Order No. 3**

Mr. Kovar referred to Change Order No. 3 included with the meeting materials, which covers additional costs incurred by the contractor for revised dewatering discharge locations to avoid flooding/excessive ponding on land adjacent to the permanent easement. The cost is \$288,600.86.

Mr. Kovar explained Garney Companies originally submitted a combined change order for last year and this year totaling \$2 million for dewatering. This change order was broken into two pieces, and the \$288,600.86 is for 2022 expenses. At the end of 2023, there will be another change order for this year's expenses. These are anticipated to be slightly under \$1 million.

Mr. Kovar explained the struggle with dewatering and the distance involved with pumping in several locations. For future contracts, the language has been changed, calling out the exact locations for discharging water.

**Motion by Director Bischoff to recommend approval of Change Order No. 3 on Task Order 5532, Contract 5B, RRVWSP Transmission Pipeline East, in the amount of \$288,600.86 to the full board. Second by Director Walter.**

Paul Boersma, Black & Veatch, added Garney is a large and reputable national pipe contractor. Last year was not a good year for Garney. There was a ton of water when the crew arrived on the construction site. A large volume of surface water dewatering was needed just to move their equipment at the site. Then they started to dig the trench down and hit a huge amount of groundwater, which caused a soupy mess. Garney is dealing with a lot of surface water in the trench, which is making pipe installation slow. They were hoping to pump the water onto the side of the easement, but they cannot do that. The pipe has to be run, in some cases, thousands of feet down the easement until they get to a flowing waterway. The change order for last year is specifically for the additional piping needed to get the water to a flowing waterway. The change order to be negotiated this year is for the same thing. It is not for the actual dewatering; it is for how far they have to run the discharge piping.

Mr. Boersma believes Garney will come back at some point with additional change orders. It is important for this committee to understand this change order is for the discharge piping, and that is the extent of what Garney is asking for. It is a reasonable request. The same spec language is used by Black & Veatch all over the country, and there has never been an issue with it before. This is the prairie pothole region, and, in most parts of the country, dewatering can be done within a few hundred feet and there is somewhere to put the water so it runs away from the site. In fairness to Garney, they did not anticipate having to run the pipe thousands of feet to get the water away from the excavation site.

Mr. Boersma added in Contracts 5C, 5D and 6A, the plan is to include specific language regarding the location of dewatering pipes.

**Upon roll call vote, the following directors voted aye: Anderson, Bischoff, Siegert, Vein and Walter. Those voting nay: none. Motion carried.**

### **Fiber Relocation**

Mr. Kovar said this item was covered under the general manager's authority. Under Contract 5B, Dakota Central mislocated their line on the contract specifications. They had the easement for the project, so it is up to Garrison Diversion to relocate the fiber optics. The cost is \$14,000 to relocate a mile of fiber at the construction site. No action is needed from the committee.

### Financial Update

#### **Bond Attorney Engagement Letter**

Merri Mooridian, Deputy Program Manager, RRVWSP Administration, Garrison Diversion, referred to the engagement letter received from Fryberger Law Firm, explaining Mia Thibodeau, who served as prior bond counsel for Garrison Diversion, is back on board to assist with the issuance of a \$60 million revenue bond and to review the Series D Interim Finance Agreement for the RRVWSP.

Ms. Thibodeau's primary responsibility is to render an objective legal opinion with respect to the authorization and issuance of bonds and review the RRVWSP Series D Interim Financing agreement. The estimated fee for the review of Series D is \$4,000-\$5,000. In addition, all out-of-pocket expenses are to be reimbursed, which are estimated at \$150-\$250.

If for any reason, the financing is not consummated or is completed without the rendition of bond counsel opinion, bond counsel will be compensated at their hourly rates (\$125-\$350) for time spent plus out-of-pocket expenses.

Ms. Mooridian stated this issue has been discussed with the officers of the board, and since it involved extra time to get approval from the attorney general's office to retain Ms. Thibodeau, the general manager was authorized to sign the engagement letter to obtain Ms. Thibodeau's services. It was then to be brought to the RRV Committee for their information or approval.

Chairman Vein asked if Ms. Thibodeau has begun her responsibilities as bond counsel.

Ms. Mooridian replied Ms. Thibodeau has been involved in all of the discussions regarding Series D.

Tami Norgard, Vogel Law, commented Garrison Diversion retained Ms. Thibodeau in the past. She was part of the Series C Interim Finance Agreement as bond counsel. Because of the tight timeline and the fact Garrison Diversion has already gone through this process when previously retaining Ms. Thibodeau, Ms. Norgard advised there would not be a problem quickly adding her back on as bond counsel.

#### **RRVWSP Task Order 8510 – 2023-2025 Biennium Financial Planning Support**

Ms. Mooridian referred to Task Order 8510, which is for the 2023-2025 financial planning support in the amount of \$590,000. This was reviewed by the LAWA (Financial Advisory Committee (FAC) and recommended to the LAWA board, which they approved at their meeting today.

Ms. Mooridian said most of the RRV Committee members were present at the LAWA board meeting when Task Order 8510 was reviewed earlier today. The purpose of this task order is to continue to develop and refine project funding and financing plans with specific focus on updating financial models, continued analysis of end user financial considerations and supporting updates of funding and financial provisions within the Project Participation Agreement (PPA), ongoing funding and financial outreach discussions and finalizing financial services related to PPA exhibits, as well as continued support of the LAWA FAC.

**Motion by Director Walter to approve RRVWSP Task Order 8510, 2023-2025 Biennium Financial Planning Support in the amount of \$590,000. Second by Director Bischoff. Upon roll call vote, the following directors voted aye: Anderson, Bischoff, Siegert, Vein and Walter. Those voting nay: none. Motion carried.**

#### **INSURANCE ADVISOR SERVICES**

Ms. Mooridian reported the insurance advisor contract between Garrison Diversion and Aon has expired. We have been looking to renew this contract for the owner's representative, but when it came time to sign the contract with Aon, they wanted to also be Garrison Diversion's broker.

Ms. Mooridian stated previously, the board has been adamant the company providing insurance advisory services to Garrison Diversion cannot also be the broker. This was kept in the contract to be renewed, and Aon indicated they would still be the owner's representative for approximately \$25,000; however, as the process moved forward and the key individuals

who were to be the owner's representatives discovered they could not also provide the broker services; they were unavailable as advisers.

Ms. Mooridian added the previous three-year contract with Aon was approximately \$90,000.

Ms. Mooridian commented Ms. Norgard has been in touch with Willis Towers Watson (WTW), and they have indicated they would be Garrison Diversion's insurance consultant at a cost of \$75,000 for year one, \$79,000 for year two and \$83,000 for year three.

Ms. Norgard has also had conversations with Hub International to discuss potential insurance advisory services. They have indicated they would like to provide insurance services to Garrison Diversion but also indicated they would like to be the broker, which Garrison Diversion is against.

Ms. Norgard said it may be helpful to have a video conference call with Hub and get answers to the questions from the committee.

Mr. Boersma encouraged Garrison Diversion to reach out to some peer organizations that are constructing water supply programs to find out what type of insurance program(s) they use. He added Black & Veatch could provide some contacts.

Ms. Mooridian asked how the committee would like to move forward and if they would like to set up a video conference meeting with Hub and, if so, who should be included on the call.

Chairman Vein suggested Ms. Mooridian work with Ms. Norgard and Mr. Boersma to come up with a plan.

#### **OTHER BUSINESS**

There being no further business to come before the committee, the meeting adjourned at 1:30 p.m.

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Ken Vein, Chairman

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Duane DeKrey, Secretary

REGISTRATION

RED RIVER VALLEY COMMITTEE MEETING  
 Fargo City Commission – Red River Room  
 Fargo, North Dakota

July 13, 2023

NAME	ADDRESS
T Ami Norgard	Vogel
<del>Bernard</del> Johnson	Vogel
Kurt Ronnekamp	BY
Alan M. WALTER	GDCD
Ken Vem	GDCD
Kip Kovar	GDCD
Org Bischhoff	GDCD
Steve L. Burim	Burim + Associates
Pal Boersma	BY
SILAS GRODLE	AES
Marti M. M. M.	GDCD
Dwane J. Frey	GDCD
Kimberly Cook	GDCD
Lisa Schaper	GDCD
By Video Conference:	
Jason Seigert	Garrison Diversion
Jay Anderson	Garrison Diversion
Steve Metzger	Garrison Diversion

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.

WORK CHANGE DIRECTIVE NO. 4

DATE OF ISSUANCE: 10/20/2023 EFFECTIVE DATE: 10/13/2023

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

The Contractor is directed to proceed promptly with the following:

Description: Grade topsoil stockpiles on all disturbed areas of the easement. Install erosion control blankets over topsoil stockpiles to prevent loss of topsoil from wind and water erosion over the winter months when no construction work is underway. Blanks shall provide complete coverage of the stockpiles from base to crown to the opposite base. Blankets shall be staked to secure in place. The approximate area requiring coverage is a minimum of 55,000 square yards.

Owner reserves the right to negotiate the final pricing of this work change directive as it may not have been necessary but for Garney not meeting the contractual completion dates set forth in its Agreement with Garrison Diversion.

Attachments: Garney Change Order Request sheet titled Topsoil Stabilization - Erosion Control Blankets dated October 17, 2023

Purpose for Work Change Directive:

Directive to proceed promptly with the Work described herein, prior to agreeing to changes in Contract Price and Contract Times and other stipulations as so included herein, is issued due to:

- X Non-Agreement on pricing of proposed change.
X Necessity to proceed for schedule or other Project reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Estimated increase in Contract Price: \$123,363.85
Estimated increase (decrease) in Contract Times:
Substantial Completion: 0 days;
Ready for final payment: 0 days.
If the change involves an increase above the amount noted above, the estimated amount is not to be exceeded without further authorization.

Basis of estimated change in Contract Price:

- Unit Price
Lump Sum
X Cost of the Work
Other

AUTHORIZED BY:

Duane DeKrey, GDCD
Title: General Manager
Date: October 20, 2023





**RRVWSP TPE Contract 5B**  
**Change Order Request**  
**Topsoil Stabilization - Erosion Control Blankets**

Date: 10/17/2023  
 Change Order Request #: COR 3  
 Revision #:

LABOR									
Role	Quantity	Total Crew Average Unburdened Labor Costs	Total Burden Rate	Total Regular Labor Costs	Total Over Time Costs	Total Regular Time Hours	Total Over Time Hours	Total Hours	EXTENDED COST
Project Engineer	1	47.13	57.95%	\$ 74.44		4.00		4.00	\$ 297.76
								<b>TOTALS</b>	<b>\$ 297.76</b>

EQUIPMENT											
To correctly quantify the cost of equipment on the time and materials works, you must determine the duration of the extra work (Hours, Days, Weeks or Months). Then enter the appropriate quantity in its associated column. Enter the actual Operating Hours the equipment was utilized during the works. The sum of the time the equipment is on site plus the actual utilization time will net in the total cost per equipment. (RATES FROM RENTAL RATE BLUE BOOK FOR CONSTRUCTION EQUIPMENT)											
Description	Hourly Rate	Daily Rate	Weekly Rate	Monthly Rate	Operating Cost/Hr	Hours On Site	Days On Site	Weeks On Site	Months On Site	Operating Hours	EXTENDED COST
										<b>TOTALS</b>	<b>\$ -</b>

MATERIALS							
Vendor	Reference	Description	Quantity	Unit	Unit Cost	Total	
						<b>TOTALS</b>	<b>\$ -</b>

SERVICES							
Vendor	Reference	Description	Quantity	Unit	Unit Cost	Total	
Pro Landscapers LLC	ECB Quote Pro	Mobilization	2	EA	\$ 3,000.00	\$ 6,000.00	
Pro Landscapers LLC	ECB Quote Pro	ECB NDDOT Cat 2	55000	SY	\$ 2.00	\$ 110,000.00	
						<b>TOTALS</b>	<b>\$ 116,000.00</b>

SUMMARY	TOTALS
Direct Cost of Labor:	\$ 297.76
Direct Cost of Equipment:	\$ -
Direct Cost of Material:	\$ -
Direct Cost of Subcontractors:	\$ 116,000.00
Tax on Materials 5%:	\$ -
Subcontractor Markup 5%:	\$ 5,800.00
Contractors Fee on Labor & Materials 15%:	\$ 44.66
Contractors Fee on Equipment 0%:	\$ -
Subtotal:	\$ 122,142.42
Direct Cost of Bond Premium:	\$ 1,221.42
<b>TOTAL TIME &amp; MATERIALS COST:</b>	<b>\$ 123,363.85</b>



**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	Attended Pre-bid Conference	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	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			
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

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