



**IOWA DEPARTMENT OF  
AGRICULTURE &  
LAND STEWARDSHIP**

Division of Soil Conservation and Water Quality

**Cover Page: Pre-Bid Minutes, Questions, Addenda**

To:	All plan holders	From:	Tracy Bruun, Division
Pages:	22, not including cover page + file for plans	Phone:	515-344-6279
Re:	Sto842407B Nutrient Reduction Wetland Bid #24-02	Date:	April 5, 2024

Comments:

- Addendum No. 1 (1 pg.) plus attachments:  
Attachment 1 – Revised Document CC Schedule of Prices (5 pgs.)  
Attachment 2 – Sign Installation (1 pg.)  
Attachment 3 – Revised set of Plans (separate file – 16 pgs.)  
    h - h u s (1 pg.)  
    h - 1 1 s - - (1 pg.)
- Pre-Bid Meeting Minutes (13 pgs. total IDALS & DU)
- Pre-Bid meeting attendance list (2 pgs.)
- Updated plan holders list (1 pg.)

- END OF COVER PAGE -



April 5, 2024

Division of Soil Conservation and Water Quality  
502 East 9<sup>th</sup> Street  
Des Moines, IA 50319

TO: Prospective Bidders

Subject: **Addendum No. 1** to Bid Documents  
STO842407B Nutrient Reduction Wetland Project – Bid No. 24-02  
Story County, Iowa

This addendum forms a part of the bidding contract documents and modifies the original bidding documents dated March 2024. An updated bidding form, Document CC.– Proposal and Schedule of Prices is attached with the addendum acknowledged. This updated bidding form must be used for 24-02 and all bidders must acknowledge this addendum on Page CC-2. **FAILURE TO DO SO WILL SUBJECT BIDDER TO DISQUALIFICATION.**

**Description:**

**DOCUMENT CC– PROPOSAL AND SCHEDULE OF PRICES, 24-02** (See Attachment No.1)

- The table on CC-1, with the Specified Completion dates are extended as follows:
  - All construction work extended to November 30, 2024. Seeding dates remain the same.
- Schedule of Prices, Please use updated Document CC, with revised Scheduled of Prices and updated project quantities (See Attachment No. 1):
  - Bid Item #11, changed to 683 L.F.
  - Bid Item #13, changed to 79 L.F.
  - Bid Item # 19, changed to 74 L.F.
  - Bid Item #26, changed to transformer pad only, with the connection to Midland Power to be paid through Change Order, plus a 10% mark up to the contractor.

**Specification CS-008 – Mobilization and Demobilization, 4.B.2** (See Attachment No. 2)

- Subsidiary Item “Sign Installation” of Bid item #4 – Mobilization & Demobilization, will use a 6 feet x 10 feet sign, instead of the 48” x 48” initially proposed (See Attachment #2).

**Modifications to Plans (See Attachment No. 3):**

- A revised set of plans have been issued dated 04-04-2024 (See Attachment No. 3).

**Summary of earthwork quantities(See Attachment No. 4):**

- A table has been included with a summary of the earthwork quantities is included (See Attachment No. 4).

**Supplemental drawing for Plan C101 (See Attachment No. 5):**

- This is a supplemental drawing of Plan C101 showing the modifications to the project (See Attachment No. 5).

Sincerely,

*Sara Smith, P.E.*

Sara Smith, P.E.  
Water Resources Bureau

SS

- Attachment No. 1 – Updated Document CC
- Attachment No. 2 – Updated Specification CS-008, large Sign Installation details.
- Attachment No. 3 – Updated Plans dated 04-04-2024
- Attachment No. 4 – Summary of earthwork quantities
- Attachment No. 5 – Supplemental drawing of Plan C101

End of Addendum No. 1

**Attachment No. 1**

Time and Date for Bid **Submissions:** 3:00 PM, 04/10/2024  
 Wallace State Office Building  
 502 East 9<sup>th</sup> Street  
 Iowa Department of Agriculture and Land Stewardship  
 Division of Soil Conservation and Water Quality-Water Resources Bureau  
 Des Moines, Iowa 50319-0050

Time and Date of Bid **Opening:** 3:30 PM, April 10, 2024  
 Bid Opening Location: Wallace State Office Building  
 502 East 9<sup>th</sup> Street  
 Des Moines, IA 50319-0050

Bid Opening Teleconference: Call-in number: 1-877-304-9269  
 Access code: 519321

Project Description and Location: Sto842407B Nutrient Reduction Wetland Project  
 Section 07, Township 84 North, Range 24 West  
 Story County, Iowa

**PROPOSAL AND SCHEDULE OF PRICES**

Proposal of \_\_\_\_\_  
 (Name of Bidder)

Located at \_\_\_\_\_ ( ) \_\_\_\_\_  
 (Address) (Telephone Number)

Amount of Proposal Guarantee	Description of Work	Specified Completion Date	Liquidated Damages
10% of Base Bid	All Work Except Seeding	<b>November 30, 2024</b>	\$175.00 Per Day
	Seeding	December 15, 2024	\$125.00 Per Day

The undersigned hereby agrees, if awarded the contract, to execute the proposed contract and to furnish satisfactory Performance Bond in an amount not less than one hundred percent (100%) of the contract award within fourteen (14) days from the date when Notice-of-Award is received, and to provide all supervision, labor, materials, and equipment required to complete the project designated above, for the prices hereinafter set forth, in strict compliance with the Contract Documents prepared by the Division.

Further, the parties agree and acknowledge as follows:

- The amount of loss or damages likely to be incurred by Division are uncertain and said loss is incapable or very difficult to quantify and estimate;
- The amount specified for liquidated damages herein bear a reasonable relationship to, and are not plainly or grossly disproportionate to, the probable loss likely to be incurred by Division in connection with any delay on part of the Contractor;
- The amount of liquidated damages fixed herein bears a reasonable relationship to Division’s anticipated losses and/or actual losses;
- The amount of liquidated damages herein fairly approximates Division’s loss at the time of making of this Agreement;
- The amount of liquidated damages fixed herein are fair and reasonable and it approximates to the extent possible the actual loss to Division as a result of any delay on the part of Contractor; and
- Division and Contractor are sophisticated parties and negotiated this Agreement at arm’s length.

Now therefore, in consideration of the mutual obligations set forth herein, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

- Contractor will commence the work after the Preconstruction Conference and by the Construction Start Date approved by Division in the Construction Progress Schedule.
- Contractor will complete the work within the specified time period identified in the contract, or as amended, or be responsible for liquidated damages per day as set forth in the above table.
- The liquidated damages may be withheld from payments made to the Contractor by the Division upon written notice that liquidated damages have begun to accrue, and such damages are in addition to other remedies available as provided for in this contract and applicable law.

A Proposal Guarantee in the amount stipulated herein is included with this proposal, to be forfeited to the Division, if the undersigned fails or refuses to execute the contract and furnish satisfactory Performance Bond, if awarded the contract.

By \_\_\_\_\_  
(Signed)

\_\_\_\_\_  
(Title) (Date)

---

---

In executing this proposal, Bidder acknowledges receipt of Addendum Number \_\_\_\_\_ dated \_\_\_\_\_

In executing this proposal, Bidder acknowledges receipt of Addendum Number \_\_\_\_\_ dated \_\_\_\_\_

In executing this proposal, Bidder acknowledges receipt of Addendum Number \_\_\_\_\_ dated \_\_\_\_\_

---

---

## SCHEDULE OF PRICES

Sto842407B Project  
 Contract No. 24-02  
 Section 07, Township 84 North, Range 24 West, Story County, Iowa

**Name of Bidder:** \_\_\_\_\_

Item No.	Work or Material	Spec No.	Estimated Quantity	Unit	Unit Price	Total
1	SITE STRIPPING & PREPARATION	IA CS-001	1	L.S.		
2	STRUCTURE & CHANNEL SEEDING	IA CS-006	4	AC		
3	BUFFER SEEDING	IA CS-006	11	AC		
4	MOBILIZATION AND DEMOBILIZATION	IA CS-008, IA CS-011	1	L.S.		
5	EXCAVATION (GENERAL)	IA CS-021, IA CS-009	2,480	CY-P		
6	EXCAVATION (WETLAND POOL)	IA CS-021	11,200	CY-P		
7	EARTHFILL (GENERAL)	IA CS-023	125	CY-P		
8	EARTHFILL (GENERAL BERM)	IA CS-023	9,600	CY-P		
9	EARTHFILL (BERM CORE)	IA CS-023	4,580	CY-P		
10	TOPSOIL PLACEMENT	IA CS-026	9,970	CY-P		
11	HORIZONTAL DIRECTIONAL DRILLING - 12"Ø DR 9 4710 HDPE PIPE	SUDAS 3020, 4010, 5011	683	L.F.		
12	ALUMINUM CMP WATER CONTROL STRUCTURE	IA CS-051, IA CS-081	1	EA.		
13	15"Ø ALUMINUM CMP	IA CS-051	79	L.F.		
14	36"Ø ALUMINUM CMP SLOTTED RISER INLET	IA CS-051	1	EA.		
15	12"Ø ALUMINUM CMP	IA CS-051	55	L.F.		
16	18"Ø ALUMINUM CMP RISER INLET STRUCTURE	IA CS-051	1	EA.		
17	STOPLOG STORAGE STRUCTURE	IA CS-046, IA CS-081	1	EA.		
18	PRECAST 6'X6' LIFT STATION & COMPONENTS	IA CS-031	1	L.S.		
19	15"Ø HDPE DUAL-WALL PIPE	IA CS-046, IA CS-009, IA CS-031	74	L.F.		

20	RIPRAP (IA DOT CLASS E)	IA CS-061, IA CS-095	1,112	TON		
21	IA DOT CLASS A GRANULAR SURFACING	IA CS-061, IA CS-095	100	TON		
22	EROSION STONE (IA DOT)	IA CS-061, IA CS-095	40	TON		
23	CONCRETE GROUT	IA CS-062	242	CY		
24	PUMP SYSTEM SUPPLY & INSTALLATION	DU-313	1	L.S.		
25	SILT FENCING	IA CS-005	4,600	L.F.		
26	ELECTRICAL SUPPLY (per Addendum No. 1)	DU-315	1	L.S.		
27	MAINTENANCE ROAD MACADAM STONE	IA CS-061, IA CS-095	165	TON		
28	18"Ø GALVANIZED CMP	IA CS-051	50	L.F.		
29	CROP DAMAGE	IA CS-001	-	AC	n/a	n/a
30	FRESNO FLAT-BACK 7600 FABRICATED ALUMINUM CANAL GATE	IA CS-081	1	LS		
31	TURF REINFORCEMENT MAT, TRM (SUDAS TYPE 4)	SUDAS 9040 2.17	1,510	SY		

**TOTAL BASE BID.....\$\_\_\_\_\_**

**THE FOLLOWING AFFIDAVIT MUST BE COMPLETED AND NOTARIZED, OR THIS BID WILL BE REJECTED**

**AFFIDAVIT**

The signatory, being duly sworn, does depose and say that the undersigned is an authorized representative of:

\_\_\_\_\_  
(Name of Firm)

Located at \_\_\_\_\_

hereinafter referred to as “Bidder” and does hereby affirm to have personal knowledge that said Bidder has thoroughly examined the Contract Documents, carefully prepared the Proposal and Schedule of Prices form, and has checked the same in detail before submitting; and that said Bidder, or the agents, officers, or employees thereof, have not, either directly or indirectly, entered into any agreement, participated in any collusion or fraud, or otherwise taken any action in restraint of free competitive bidding in connection with this bid.

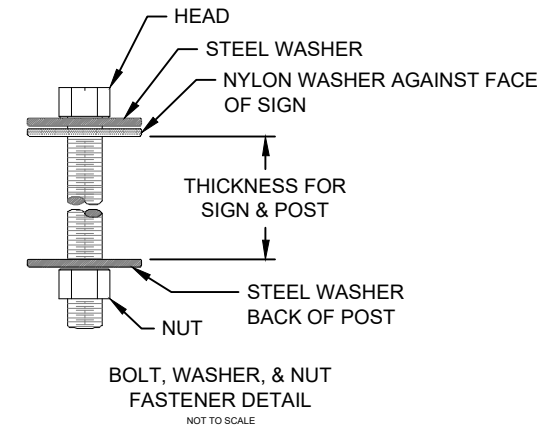
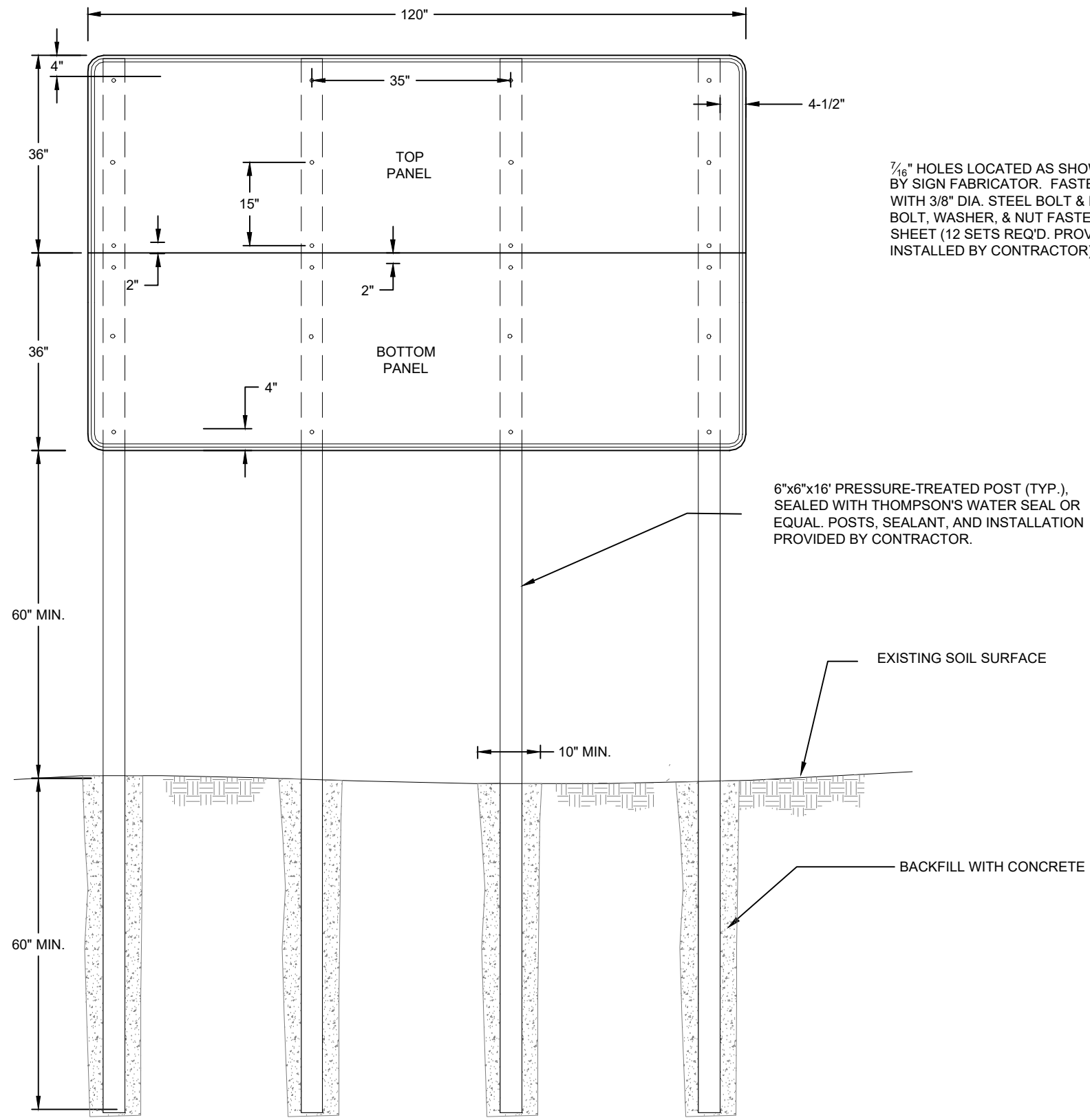
\_\_\_\_\_  
(Signed)

Subscribed and sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 2024

\_\_\_\_\_  
(Signed, Notary)

My Commission Expires \_\_\_\_\_, 20\_\_\_\_\_

END OF DOCUMENT CC



SIGNAGE NOTES:

1. DIVISION WILL FURNISH SIGN PANELS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING POSTS, HARDWARE, AND INSTALLATION FOR ALL PANELS.
2. ALL EXPOSED WOOD SHALL BE SEALED WITH THOMPSON'S WATER SEAL OR EQUAL MEETING ASTM D-4446-08.
3. ALL STEEL HARDWARE PIECES SHALL BE GALVANIZED OR RUST RESISTANT.
4. NYLON AND STEEL WASHERS SHALL BE USED AS SHOWN ON THE BOLT, WASHER, NUT FASTENER DETAIL ABOVE.
5. CLEAR UTILITIES WITH IOWA ONE-CALL (800) 292-8989 BEFORE EXCAVATING FOR POSTS.
6. SECURE DIVISIONS APPROVAL FOR SIGN LOCATION BEFORE INSTALLATION.
7. CONTRACTOR SHALL INSTALL SIGN POSTS USING A PLYWOOD OR OTHER SUITABLE TEMPLATE TO MAINTAIN ACCURATE POST SPACING AND ALIGNMENT DURING BACKFILLING OF THE POST HOLES WITH CONCRETE. THE TEMPLATE SHALL REMAIN IN PLACE FOR 5 FULL CALENDAR DAYS TO ALLOW CURING OF CONCRETE. POSTS SHALL NOT BE INSTALLED OR BACKFILLED WITH SIGN PANELS ATTACHED TO AVOID BENDING OF THE SIGN PANELS.

## Large Sign Standard Detail

Division of Soil Conservation and Water Quality

IA-340-4 SUMMARY OF EARTHWORK QUANTITIES								
Bid Item Number	Item Description	Raw Cut (CY)	Raw Fill (CY)	Waste (CY)	Usable Cut (CY)	Shrinkage Factor (%)	Fill +15% Shrinkage (CY)	Payment Quantity (CY)
1	Topsoil Stripping	9,785	0	0	9,785		0	1
5	Excavation General**	2,480	0	0	2,480		0	2,480
6	Excavation Wetland Pool	11,099	0	693	10,407		0	11,200
7	Earthfill General	0	106	0	0	0.15	122	125
8	Earthfill General Berm	0	8,289	0	0	0.15	9,532	9,600
9	Earthfill Berm Core*	0	3,980	0	0	0.15	4,577	4,580
Spec IA CS-021	Excavation Borrow*	4,580	0	0	4,580		0	SUBSIDIARY
Spec IA CS-021	Fill Borrow Pit*	0	3,050	0	0		3,050	SUBSIDIARY
10	Topsoil Placement	0	9,970	0	0		9,970	9,970
<b>TOTALS</b>				<b>693</b>	<b>27,251</b>		<b>27,251</b>	

\*Includes Borrow Excavation, Transport, Placement & Restoration of Borrow Site per specifications.

\*\*Trench for Berm Core is in Excavation General per spec.



STORY COUNTY WETLAND PROJECT  
STO842407B - BID NO. 24-02  
PREBID MEETING  
March 27, 2024 - 10:00 AM  
Story County Conservation Center  
56461 180<sup>th</sup> St, Ames, IA 50010

**Introduction:**

1. Tracy Bruun, Division of Soil Conservation and Water Quality (Division) opened the meeting and introduced:
  - Mike Bourland, Engineer and Shane Wulff, Project Coordinator, both with the Division
  - Andrew Schippers and Alonzo Barkley, Ducks Unlimited
  - Others: Brian Nail, Nail Excavating via TEAMS
  - See Attendance sheet, attached
2. This wetland is being funded as part of the Water Quality Initiative that is being used to help implement the Iowa Nutrient Reduction Strategy.
3. There are four projects being bid at this time, in addition to this one, there is one in Pocahontas County, and two in Worth County that will be bid together.
4. Please note if you have worked with us in the past on similar projects that revisions were made to our standard bid documents in 2020. Please review all documents and let us know if you have any questions.

**Bidder's Qualifications:**

All Bidders shall meet the following qualifications:

1. Contractors are required to be registered with the Iowa Division of Labor.
2. **New site for vendors working with the state of Iowa**  
**<https://das.iowa.gov/how-do-business-state-iowa/procurement>**
3. Bidders shall, upon request of the Division, submit a statement of Bidder's qualifications including experience, any contracts that are in default, available equipment, personnel, and financial ability to perform the work as outlined in Section 2 of Document BB.

**Method of Bidding:**

This is a unit price contract and bidders shall submit unit price bids as required for the work items covered by the specifications. Prices shall cover complete work and include all costs incidental thereto unless otherwise indicated. The base bid includes all items **1 through 31**. A separate Document CC was provided with the bid package that is to be used for submitting the bid.

Any questions that should be considered as part of an addendum must be submitted to us by **April 3, 2024**. The Division will make every attempt to issue any necessary addenda no later than the day after the last date for questions. If an addendum is sent, please make sure to note on Page CC-2 that you have received and acknowledged the addendum.

If work is added to the contract by the Division after the contract execution which is not covered by a bid price set forth in the Proposal and Schedule of Prices (*Document CC*), a Change Order or Contract Amendment will be issued as required. If the additional work requires an extension of the contract completion date(s), a Contract Amendment will be issued.

**Submission of Bids and Bid Security:**

Bids should be submitted in two sealed envelopes. One envelope should include the Proposal and Schedule of Prices (*Document CC*) that must be signed by a legally authorized representative of the Bidder and notarized. All issued addendum shall be acknowledged as received by the Bidder. Do not submit Plans or Specifications with the bid. If this form is not accurately completed, this shall prevent the reading of that Bidder's bid.

A separate envelope attached (taped) to the front of the envelope containing the bid shall contain the Bid Security or bid bond, which is in the amount of ten percent (10%) of the base bid. It should be noted that the bid number, Bid 24-02, Bidder's name and address must appear on the exterior of both envelopes. If the Bidder elects to use a bid bond, the bidder shall complete Proposal Guarantee Bond (*Document EE*) and include it in the smaller envelope.

**All bids for Sto842407B are due no later than 3:00:00 PM, April 10, 2024 at:**

Tracy Bruun  
Wallace State Office Building  
502 E. 9<sup>th</sup> Street  
Des Moines, Iowa 50319

Bids must be dated and time stamped by a representative of the Division of Soil Conservation & Water Quality. Bids received after this time will be rejected and returned unopened to the Bidder. Bids for 24-02 will be opened beginning at 3:30 PM on that same day, follow signs or call 515-344-6279; or you may call-in at **number: 1-877-304-9269 Access code: 519321**

Bids may be mailed (recommend FedEx, UPS or the like with the 2 sealed envelopes inside) . If you are mailing a bid, be aware that it can take 2 days for next day deliveries. You may also hand deliver by contacting Tracy Bruun, (515) 344-6279 to be met in the lobby.

**Evaluation of bids and award of Construction Contract:**

This Story County Nutrient Reduction Wetland Project shall be awarded to the lowest responsible responsive bidder as determined by the Division. In evaluating the bids, the Division may consider such factors as alternates, bid price, experience, contracts in default, responsibility of the Bidder, and similar factors in determining which bid it deems to be in the best interest of the Division for the project. In comparing bid prices, the total bids of the various Bidders shall be determined by applying the unit prices bid for each work item against the estimated work item quantities set forth in the *Proposal and Schedule of Prices (Document CC)*.

Bid tabulations for this Story County Nutrient Reduction Wetland Project will be prepared the week following the Bid Opening and distributed to all Bidders. Other plan holders or interested parties must request bid tabulations.

### Execution of Contract:

1. The party to whom this Story County Nutrient Reduction Wetland Project is awarded shall be required to:
  - ✓ submit a statement of Bidder's qualifications before a Notice-of-Award will be issued
  - ✓ execute the Contract;
  - ✓ obtain the appropriate insurance coverage and Performance/Payment Bond;
  - ✓ provide their Iowa Division of Labor Public Registration Number;
  - ✓ and submit the Construction Progress Schedule (Document JJ)within fourteen (14) calendar days from the date of receipt of the Notice-of-Award. In case of failure of the Bidder to execute the Contract, the Division may, at its option, consider the Bidder in default, in which case the bid security accompanying the bid shall become the property of the Division.
2. The Division, within fourteen (14) days of receipt of an acceptable and properly executed Performance/Payment Bond, certification of acceptable insurance coverage, and properly executed Contract; shall sign the Contract and return to such party an executed copy of the Contract. Should the Division not execute the Contract within such period, the Contractor may, by submitting written notice, withdraw the signed Contract. Such notice of withdrawal shall be effective upon receipt of the notice.
3. The Notice-to-Proceed shall be issued within five (5) days of the execution of the Contract by the Division, (need a pre-construction date) provided that the Construction Progress Schedule has been accepted by the Division. Should there be additional time required to make adjustments to the Construction Progress Schedule, the time to issue the Notice-to-Proceed may be extended to allow for this. If the Notice-to-Proceed has not been issued within a thirty (30) day period, or within a greater period mutually agreed upon, the Contractor may terminate the Contract without further liability on the part of either party.

### Taxes:

Since this is state contract, there is no sales tax for materials purchased. We will be providing a tax exemption certificate to the awarded contractor as indicated in the last page of the appendix of construction contract documents. This should be considered when determining the unit prices submitted in the bid.

### Measurement and Payment:

The specifications describing the work to be accomplished under each particular work item, also describe the method to be used in measuring and calculating the payment quantities for each work item set forth in the proposal. Payments will be made on the basis of monthly estimates in amounts equal to ninety-five percent (95%) of the value of work completed. Mobilization will be paid at a percentage of the lump sum bid amount for this item equal to the overall percent complete of the project (less retainage). In preparing monthly estimates, advancement will be made therein for ninety-five percent (95%) of the cost of materials stored on site.

### Time of Completion:

The final date for completion of all work except for seeding is set for **November 1, 2024** (this will be changed to November 15 in an addendum). The final date for completion of seeding is **December 15, 2024**.

**Liquidated Damages:**

There are liquidated damages provisions on this project. These damages reflect additional administrative, design, and inspection costs, as well as continued costs to the natural environment. If *all work except for seeding* is not completed by November 1, 2024 absent a No-Fault Extension, the Contactor may be assessed damages in the amount of **\$175 per day**. If the *seeding* is not subsequently completed by December 15, 2024 absent a No-Fault Extension, the Contractor may be assessed damages in the amount of **\$125 per day**.

**Questions and Addenda:**

Questions concerning interpretation or intent of the Plans and Construction Specifications should be directed to Andrew Schippers: [aschippers@ducks.org](mailto:aschippers@ducks.org) with Ducks Unlimited and must copy Tracy Bruun: [tracy.bruun@iowaagriculture.gov](mailto:tracy.bruun@iowaagriculture.gov) with the Division. All other questions concerning the Contract Documents should be addressed to Tracy Bruun, Division: 515 344-6279 or [tracy.bruun@iowaagriculture.gov](mailto:tracy.bruun@iowaagriculture.gov).

Any oral interpretations given shall be valid only if confirmed by written addendum. All interpretation requests should be addressed in writing and received no later than **3:00 PM April, 3 2024**.

The Division reserves the right to revise or amend the Contract Documents prior to the date set forth for receipt of bids. Such revisions and amendments, if any, shall be announced by an addendum or addenda to the Contract Documents. Copies of such addenda, as may be issued, shall be furnished to all plan holders. Bidders are required to acknowledge receipt of any addenda by listing such addenda in the *Proposal and Schedule of Prices (Document CC)*.

**Miscellaneous:**

*Construction may only occur August 15, 2024, to January 1, 2025 due to eagles nest. See notation on revised plan sheet C-101 04-04-2024.*

**Engineer's Notes: Andrew Schippers, Ducks Unlimited**

Begin on next page.

**Sto842407B (Dotson) DU Pre-Bid Meeting Notes – 3-27-24**

***General Items:***

1. Contractor must be registered with the Department of Labor.
2. This project is a Unit Price Bid.
3. Bids are due 4/10/24 at 3:00 p.m.
4. Multiple bids are due on the same date and at the same time. To allow contractors to submit multiple bids, contractors can pull their bid before opening has commenced.
5. There is a 10% Bid Bond.
6. Project will be awarded to lowest responsible bidder.
7. Performance Bond and Schedule due at signing; Notice to Proceed will be issued 5 days after signing.
8. Pre-construction meeting will be required prior to construction.
9. There is no sales tax on this project.
10. There will be 5% retainage. IDALS will pay for materials stored on-site with appropriate invoices.
11. Project completion date is November 1st, 2024. Seeding shall be completed by December 15<sup>th</sup>, 2024. Liquidated damages apply at the rate of \$175.00/day for project completion and \$125.00/day for seeding.
12. Construction observation will be completed by DU. Andrew and/or an engineer's representative will be on-site for critical items. Please coordinate with us ahead of time on critical items, so that we can ensure we are present on-site during those items.
13. DU will provide construction staking.
14. Please review all the specifications to ensure you understand the requirements and what is subsidiary to each of the pay items.
15. Dewatering and water maintenance is the contractor's responsibility and is considered incidental to the project.
16. There will be an addendum issued correcting bid item numbers.
17. This is a cut-fill job in the Ioway Creek floodplain. Therefore, no outside soil shall be brought in.
18. A signage detail will be added to an Addendum. This work shall be included in the Mobilization bid item.
19. Contractor will need to coordinate work with the Drainage District tile project. The drainage district work has already bid. It was mentioned at the meeting that Jet Drain out of Ames, Iowa may have won the contract.

**Questions:**

**1. Q: Contractor asked about site access.**

**A:** There was some discussion on site access steep banks and a remnant prairie limit access. After the meeting, contractors walked the site with representatives from DU, IDALS, and Story County Conservation. DU agreed to investigate possible access from 500<sup>th</sup> Ave. After discussions between DU & Story County Engineers, access will need to be as shown on the plans coming from the north. **If the selected Contractor chooses to access the site through the West, entering at Hwy R38, the selected contractor will need to obtain the necessary permits from the DNR floodplain, Story County floodplain and Story County Engineer, before beginning construction. If the West temporary access is allowed, please be aware of the potential delay of the beginning construction date. IDALS will only pay for one construction access.**

**2. Q: Contractor asked what to do with removed trees.**

**A:** Story County stated a location could be found onsite. Story County Conservation asked when the tree removal on the project would be completed (Limited Removal Date starts 4-1-24). Note: Representatives from DU and Story County. have worked to cut down trees on the north part of the project before 4-1-24. The winning contractor will need to remove the down trees and place them in an approved location on site. IDALS response: Approximately 7 smaller trees remain on the south side of the wetland (6" to 12" diameter) that still will need to be cut down, remove and disposed a the approved location.

**3. Q: Story County Conservation asked to do the seeding on the project.**

**A:** IDALS is reviewing and will provide clarification in an addendum.  
IDALS response: The seeding specifications for the project have not changed.

**4. Q: Contractor asked about dirt quantities.**

**A:** DU will provide clarification of the earthwork items in an addendum.

**5. Q: Contractor asked if the bored pipe would need to be grouted.**

**A:** Contractors should discuss with their boring subcontractor.

**6. Q: Contractor asked if CMP structure bases were precast or cast-in-place.**

**A:** DU stated they could be precast or cast-in-place. Shop drawings are required.

**7. Q: Contractor asked if a vibrator is required for grouting operation.**

**A:** Yes, use of a vibrator is specified.

**8. Q: Contractor asked what to do with concrete truck wash.**

**A:** Concrete truck cleanout water and slurry will need captured with an approved method.

**9. Q: Contractor asked who will remove silt fence.**

A: Story County would like the contractor to remove silt fence once vegetation has been established.

**10. Q: Contractor asked who manages the SWPPP on the project.**

A: No SWPPP is required.

**11. Q: Contractor asked if the pump station pad included rock.**

A: Yes.

**12. Q: Contractor asked if a pipe could be stubbed from the intercept manhole.**

A: The contractor will need to coordinate with the other contractor accordingly. The project specifications for the connection etc. still apply.

**13. Q: Contractor asked if trenchless pipe could be trenched in.**

A: DU and IDALS are willing to accept trenched portions, however it is unlikely due to project constraints that 100% of the pipe could be installed by typical trench construction.

**14. Q: Item 32 refers to a cofferdam.**

A: The note about a cofferdam was included by mistake and can be disregarded.

---

***Post Meeting Questions:***

**1. Q: Contractors are not receiving a quote from Midland Power to complete electrical work onsite.**

~~A: IDALS has changed the item to a fixed cost.~~

IDALS response: Contractors should bid only for the transformer pad for Bid Item #26. Once we receive an updated quote from Midland Power, it will be paid to the Contractor through a Change Order for the connection to Midland Power plus a 10% mark up for the contractor, to account for the coordination and oversight with Midland Power.

**2. IDALS Comment:** Due to an eagle's nest identified within 660 feet of part of the proposed construction work area, work can only occur in that area between August 16 and January 1<sup>st</sup>. See revised Plan C101, dated 04-04-2024.

**3. Q: Who are the contracts for Midland Power.**

A: Todd Leemkuil – 515-370-5269

**4. Q: Who is the contact for Carry Pumps**

A: Delmar Nichols – 1-800-492-2779

***Project Summary by Bid Item/Construction Notes:***

1. Site Stripping & Preparation - The bid item for stripping shall include removal of the first 6" beneath the embankment area, the wetland grading area, channel areas, and maintenance road, as shown on the plans (9,785 CY). this material shall be stockpiled separately on-site for respread, which is included in a separate bid item (see Bid Item No. 10). Clearing and grubbing shall be included within this bid item and shall include tree/brush removal, as indicated on the plans, and as directed by the construction manager.
2. Structure & Channel Seeding - The bid item for structure seeding shall consist of seeding, mulching, and fertilizing all structures, embankments, channel side slopes, and all other disturbed areas (outside of pool area), as indicated on the drawings or otherwise designated.
3. Buffer Seeding - The bid item for buffer seeding shall consist of seeding the areas designated on the plans as buffer seeding and include borrow areas, disturbed areas not seeded as part of structural seeding, and other areas within the easement.
4. Mobilization and Demobilization - The bid item for mobilization and demobilization shall include the supply of all labor, material, and equipment to transport all needed labor, material, and equipment to and from the project site, to successfully complete the project, as shown on the plans. This bid item shall also include the removal, replacement, and repair of any fencing that must be modified in order to complete this project. This bid item shall also include installing the sign provided by IDALS, as described in the project specifications.
5. Excavation (General) - The bid item for excavation (general) shall consist of excavation and grading of material needed for the berm core trench, stilling basin and outlet channel, outlet channel, pump discharge pipe channel, and minor grading needed for maintenance road. Contractor shall separate initial topsoil material from cohesive material upon grading/excavation in order to use appropriately in general berm construction (not berm core). During excavation of core trench, contractor shall search and remove any tile beneath the berm footprint. Any tile found shall be removed for a distance of the berm width (toe-to-toe) plus 20' into the impoundment side. No tile(s) are known/expected within the wetland area.
6. Excavation (Wetland Pool) The bid item for excavation (wetland pool) shall consist of all additional excavation/scraping and grading of material within the wetland pool area (past the initial 6" of stripping), as indicated on the plans. This bid item includes grading down a total of 1.3' relative to the existing grade in the channel and inner wetland pool area (reference site plan and typical profile across wetland). The contractor will be required to use machine control for wetland bottom and channel grading. The material (below the first 6") graded out from the wetland area shall be utilized for the general embankment (not clay core).

7. Earthfill (General) - The bid item for earthfill (general) shall consist of the earthfill necessary to construct the swale, lift station pad, and field entrance. Cohesive material found during general excavation and wetland pool excavation can be used for these areas. Estimated plan value includes 15% shrinkage factor. Sand and gravel found on site shall not be used for this earthfill.
8. Earthfill (General Berm) - The bid item for earthfill (general berm) shall consist of placing and compacting earthfill necessary to construct the portion of the embankment that is not considered part of the embankment core. This includes the embankment constructed downstream of the spillway at the stilling basin and outlet channel. Cohesive material found during general excavation and wetland pool excavation can be used for this area. Estimated plan value includes 15% shrinkage factor. sand and gravel found on site shall not be used for fill for this item.
9. Earthfill (Berm Core) - The bid item for earthfill (berm core) shall consist of placing and compacting earthfill necessary to construct the portion of the embankment designated as the embankment core, including the core trench. Cohesive material taken from the designated borrow area should be used for this area. Estimated plan value includes 15% shrinkage factor. Sand and gravel found on site shall not be used for fill for this item.
10. Topsoil Placement - The bid item for topsoil placement shall include stockpiling and spreading topsoil a minimum 6" over finished embankments and borrow areas as detailed in these plans and specifications. Initial topsoil placement shall begin with placing over embankment top and outer slope, Then filling the designated borrow area up to an elevation 2' below the channel final grade (to act as a sedimentation basin). Then, any excess topsoil shall be placed on the outside of the berm to flatten the embankment slope.
11. Horizontal Directional Drilling – 12"ø DR 9 4710 HDPE Pipe - The bid item shall include all equipment, materials, and labor required to install the 12"ø DR9 4710 HDPE (i/s ø 9.75") discharge pipe from the lift station to the wetland. Contractor shall use horizontal directional drilling (boring) as necessary to install 12"ø 4710 HDPE pipe due to relatively steep embankment. This bid item shall include providing fill to provide 3' minimum ground cover, as required, which occurs in an isolated area just south of the lift station (refer to discharge pipe profile view). This bid item shall include fabricated joints, and any other connections/joints required to provide design alignment. All necessary stripping, grading, and earthfill are included in bid item numbers 1, 5, and 7. IADOT Class A granular surfacing over the macadam stone is a separate bid item (Bid Item No. 21). Woven geotextile fabric shall be included with this bid item. Contractor shall be required to pressure test pipe upon completion, in accordance with manufacturer's recommendations.
12. Aluminum CMP Water Control Structure - The bid item shall include all equipment, labor, and material required to supply and install the aluminum CMP riser WCS, as

- detailed in these plans and specifications. This work shall include the structure, stoplogs, fittings, connections, and other associated materials required to provide a complete water control system, as detailed in these plans. Quantities for piping (aluminum CMP) for the WCS structure has been included as separate line item. All aluminum CMP shall be 12 gauge.
13. 15"Ø Aluminum CMP - The bid item shall include all material and labor required to install the 15"Ø aluminum CMP pipe for the WCS structure, as detailed on sheets C303-C305. This bid item includes the 10 LF of 15"Ø alum. CMP to be provided at pump discharge outlet.
  14. 36"Ø Aluminum CMP Slotted Riser Inlet - The bid item for 36"Ø aluminum CMP slotted intake riser shall consist of providing and installing the 36-inch diameter aluminum CMP slotted intake riser in the wetland, as shown on the drawings. This bid item shall include a heavy duty bar guard. Riprap is included in a separate bid item.
  15. 12"Ø Aluminum CMP - The bid item shall also include all equipment, labor, and material required to supply and install the 12"Ø aluminum CMP (12 ga.) pipe through the embankment at the southeast quadrant of the wetland, which discharges to the constructed swale. A rat guard and flared end shall be provided at the exposed pipe outlet.
  16. 18"Ø Aluminum CMP Riser Inlet Structure - The bid item for the 18"Ø aluminum CMP intake riser shall consist of providing and installing the 18-inch diameter aluminum CMP intake riser in the wetland, as shown on the drawings. This bid item shall include a heavy duty bar guard.
  17. Stoplog Storage Structure - The bid item for stoplog storage box shall include all labor and materials to provide the stoplog storage box, as detailed in the plans. Exact location shall be determined in the field with approval from engineer.
  18. Precast 6'x6' Lift Station & Components - The bid item for precast 6'x6' lift station & components shall include a vertical 6'x6' precast concrete utility box for the pump lift station, and shall include the structure, with circular knock-outs, base, concrete cover, Halliday hatch (as detailed), manhole steps, conceal joint sealing products, concrete collars, fittings, connections, base rock material and all other associated materials required to provide a complete structure/lift station. Contractor shall provide shop drawings of precast concrete lift station sealed by a licensed engineer showing fabrication and reinforcement details.
  19. 15"Ø HDPE Dual-Wall Pipe - The bid item shall include all material, labor, and equipment required to install the 15"Ø HDPE dual-wall pipe from the manhole intercept location to the pump lift station. Pipe joints and all connections shall be watertight connections. This work shall include connection to the manhole structure and connection to the lift station using rubber boot connections (with tightening

bands) and/or concrete collars to ensure a watertight seal. HDPE pipe shall include a 22.5°, 22.5°, and 11.25° prefabricated watertight connections, and any other connections/joints required to provide design alignment.

20. Riprap (IA DOT Class E) - The bid item for riprap shall include all equipment, labor, riprap, non-woven (or woven where specified) geotextile fabric, and all other associated materials and costs with the supply, excavation, and installation of riprap as detailed in these plans and specifications. Excavation required for riprap to achieve design grades is considered "incidental" to riprap line item. excavation required for riprap shall also be paid for under this line item. Quantity will be based on actual delivered ton. contractor shall provide scale tickets with weights including tare, gross, and net weights of material delivered. Payment will be based on the contractor's unit price on tons used. all riprap shall be approved by engineer prior to placement/delivery to site.
21. IA DOT Class A Granular Surfacing - The bid item shall include all material and labor to provide the granular surfacing at the lift station pad and maintenance road, as shown on the drawings. Contractor shall provide scale tickets with weights including tare, gross, and net weights of material delivered. Payment will be based on the contractor's unit price on tons used. All granular surfacing shall be approved by engineer prior to placement/delivery to site.
22. Erosion Stone (IA DOT) - The bid item for IADOT erosion stone shall include all material and labor to provide the erosion stone, as specified within these drawings. Contractor shall provide scale tickets with weights including tare, gross, and net weights of material delivered. Payment will be based on the contractor's unit price on tons used. All erosion stone shall be approved by engineer prior to placement/delivery to site.
23. Concrete Grout - The bid item for cement grout shall consist of furnishing and placing concrete grout on those portions of the riprap shown on the drawings (spillway). Grout fill quantity is based on an application rate of 0.6ft<sup>3</sup>/ft<sup>2</sup> of riprap.
24. Pump System Supply & Installation - The bid item for pump system supply & installation shall include the axial-flow submersible pump (2 CFS design pumping rate with the capability of automatically pumping from approximately 0.5-2 CFS with variable frequency drive (VFD) and transducers), motor, transducer(s), control panel, VFD switches, piping inside lift station, mounting brackets/hardware, remote monitoring, and any other components necessary to provide a complete operational pumping system. The calculated total dynamic head for the pump system is 12.33 feet. The pump and control panel shall be provided with a VFD that allows the pump to automatically pump at a range of 0.5-2 CFS, based on water supply in the tile. Pump system shall be provided with timer or other safety feature to control amount of pump on/off cycles per hour, in accordance with manufacturer's recommendations. Shop drawings shall be provided by pump manufacturer displaying all pertinent details to provide a complete pumping system. Pump system conceptual details were

- based on carry pumps - CP06 series pump (7.5 HP, three-phase, 10° impeller), with exterior-grade control panel and VFD. Contractor may utilize other pumping system that meets the pump system design intent, as approved by the engineer. Contractor shall provide a representative from the pump manufacturer (at end of project) to assist in pump startup to ensure pumping system has been installed in accordance with the manufacturer's guidelines and design intent. Bid item shall include all equipment, labor, and materials necessary to provide electrical control panel, variable frequency drive, and all other electrical components necessary to provide a complete pumping operation meeting the design criteria. This bid item shall include electrical connection of control panel from the transformer/meter socket, and connection of control panel to pump.
25. Silt Fencing - The bid item for silt fencing shall include the silt fencing, as shown on the drawings. Soil erosion and pollution control shall include the supply, installation, and maintenance of all erosion and pollution control materials, in compliance with Iowa regulations. Erosion control measures shall be installed prior to the start of work and will be maintained until final stabilization of the site. Contractor shall maintain, inspect, and provide all proper recording and reporting according to the permit regulations. Silt fencing may be reduced in the field, based on field conditions and as approved by the engineer.
26. Electrical Supply - The bid item shall include all materials and labor required to provide underground three-phase electricity to the lift station, as shown on the drawings. This bid item shall include furnishing and installing the electrical line(s), transformer, transformer pad, metering device, and all other necessary components required to provide a complete electrical supply. This work is to be completed through Midland Power.
27. Maintenance Road Macadam Stone - The bid item for maintenance road macadam stone shall include all material and labor to provide the macadam stone, as specified in these drawings. Contractor shall provide scale tickets with weights including tare, gross, and net weights of material delivered. Payment will be based on the contractor's unit price on tons used. All macadam stone shall be approved by engineer prior to placement/delivery to site.
28. 18"Ø Galvanized CMP - -The bid item shall include furnishing and installing the 18"Ø galvanized CMP culvert at the new field entrance, which is estimated to be 50 LF and may vary in field. Pipe shall be placed in lowest area to maintain drainage.
29. Crop Damage - This bid item consists of crop damage that results from construction activities. It is recommended that the contractor remove corn residue rather than knock it down. This is a standard bid item and there are currently no crop fields in the work area.
30. Fresno Flat -Back 7600 Fabricated Aluminum Canal Gate - This bid item shall include all materials, labor, and equipment necessary to furnish and install the Fresno

Flat-Back 7600 fabricated aluminum canal gate with rising stainless steel stem, or approved equal shall be 24"Ø. Contractor/supplier may have to fabricate an extension to gate frame to move anchor bolt holes away from circular 22" knock-out in lift station. It will be up to the contractor to verify that the canal gate will bolt to the inside of the lift station walls leaving a minimum 2-3" coverage between anchor bolts and circular knockout. Any additional work will be at the contractor's expense. Contractor shall core-drill hole in the cover slab for rising stem to protrude through, hole shall be as small as possible to have less flex in vertical shaft. Supports shall be used "as determined by supplier/contractor" along inside face of lift station to secure vertical rising stem. The pedestal shall be mounted to allow hand to rotate free from obstruction. Clear plastic cone guard shall be included in gear lift. Cost of gate, frame, stainless steel rising stem, operator, pedestal and complete installation shall be included in the contractor's unit price. DU would be open to substitutions upon Engineer approval.

31. Turf Reinforcement Mat, TRM (SUDAS Type 4) - This bid item shall consist of furnishing and placing turf reinforcement mat SUDAS type 4 TRM per section 9040 2.17 and installation to manufacturer's recommendations. TRM shall be Propex Armormax 75 or approved equal. bid quantity is based on "neat lines" from drawing and does not include waster or additional material for trenching in TRM. All additional material needed for a complete installation shall be included within this bid item. Shop drawings from manufacturer shall be submitted for approval showing layout, alignment, lap configuration, terminations, anchors/pins, etc.
32. De-Watering and water maintenance along existing ditch (Y Ave) and wetland during construction of pumping system and berm is the contractor's responsibility, and is considered incidental to this project. Construction of embankment, channels, and any other earthwork components shall not be conducted in wet/mucky materials. Contractor shall maintain drainage of existing ditch at all times throughout construction, if applicable.

**Pre-Bid Meeting Sign-in Sheet**  
**March 27, 2024 at the Story County Conservation Center**  
**Bid No.: 24-02**  
**Project ID: Sto842407B Nutrient Reduction Wetland**

Name	Company/Affiliation	Address	Email	Phone
1 Tracy Bruun	Division	502 E. 9th St., Des Moines IA 50309	tracy.bruun@iowaagriculture.gov	515-344-6279
2 Sara Smith	Division	502 E. 9th St., Des Moines IA 50309	sara.smith@iowaagriculture.gov	515-422-7335
3 Andrew Schippers	Ducks Unlimited	209 Eugene St, Radcliffe IA	aschippers@ducks.org	832-704-3286
4 Alonzo Barkley	Ducks Unlimited	305 Deer Ridge Dr, Bondurant IA	abarkely@ducks.org	515-570-9276
5 Willie Gbben	Gbben Tiling	STRAIB Rd 3255 Stagecoach Rd	gbbentiling@gmail.com	515-835-0418
6 Aaron Crane	Aaron Crane Const.	1833 120 <sup>th</sup> Ave Manchester Ia.	acrane1250@gmail.com	563-920-7250
7 Don Wilson	RW Excavation	13793 SW 4th St Fairbault	dwilson@rwxexcavation.com	515-669-5580
8 Matt Thomas	Better By Design	902 West Helm Brookfield Ia	Mct3k9@gmail.com	660-325-1244
9 Jaya Wadsworth	-	worthington bras earthworks	frank.worthington@gmail.com	573-470-4068
10 Sara Carmichael	Story C. Conservation			
11 Corey Merrigan	Con-Struct Inc.	5000 305 S. Dayton Ave Ames IA	cmerrigan@constructiowa.com	515-589-4341
12 Brandon Clough	Story County Conserva		bclough@storycountyia.gov	

**Pre-Bid Meeting Sign-in Sheet: Page 2**  
**March 27, 2024 at the Story County Conservation Center Bid No.: 24-02**

Name	Company/Affiliation	Address	Email	Phone
13 <i>Emaly N Polz</i>				
14 <i>Thomas Crane</i>	<i>Crane Const.</i>	<i>1833 120<sup>th</sup> Ave</i>	<i>ThomasCrane6803@gmail</i>	<i>563-608-3707</i>
15 <i>Jeremy Ray</i>	<i>Crane Const</i>	<i>1833 120<sup>th</sup> Ave</i>	<i>Jeremyray@craneconst.com</i>	<i>319-238-0879</i>
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Division of Soil Conservation and Water Quality  
Plan Holders List for Bid:  
24-02 Sto842407B

24-02	Name	Company	Street Address	City	State	Zip code	Phone	Email
X	Aaron Crane	Aaron Crane Construction LLC	1833 120th St	Manchester	IA	52057	563-920-1250	arcrane1250@gmail.com
X	Jeremy Cole	Cole Excavating, LLC	122 N. 2nd Street, P.O. Box 617	Greene	IA	50636	641-823-4700	coleexc74@gmail.com
X	Corey Merrigan	Con-Struct					515-509-4341	cmerrigan@constructiowa.com
X	Cindy Adams	Construction Update Network	4100 Westown Pkwy	West Des Moines	IA	50266	515-402-9858	CAdams@mbi.build
X	Alonz Barkley	Ducks Unlimited	305 Deer Rdige Dr	Bondurant	IA		515-570-9276	abarkley@ducks.org
X	Andrew Schippers	Ducks Unlimited	209 Eugene St	Radcliffe	IA		832-704-3286	aschippers@ducks.org
X	John Healy	Healy Excavating	3483 Perkins Avenue	Lakeview	IA	51450	712-830-9179	johnhealy@netins.net
x	Bruce Vonnahme	Leroy and Sons, Inc.	405 Dunlap Street	Arcadia	IA		51430 712-790-9956	vonateam@netins.net
X	Cindy Adams	Master Builders of Iowa	221 Park Street	Des Moines	IA	50309	515-288-7339	Cadams@mbi.build
X	Julie Knutson	Master Builders of Iowa						jknudson@mbi.build
x	Eddie Shekleton	Mehmert Tiling	8635 HWY 9	Limesprings	IA	52155	641-330-4715	eddie@mehmerttiling.biz
x	Brent Mehmert	Mehmert Tiling	8635 HWY 9	Limesprings	IA	52155	563-547-5115	brent@mehmerttiling.biz
X	Brian	Nail Excavating LLC	22208 E US Hwy 136, Suite 100	Bethany	MO	64424	660-425-4399	nailexcavatingllc@yahoo.com
X	Matt Bohlen	Peterson Contractors Inc.	104 Blackhawk Street	Reinbeck	IA	50669	319-245-2713 x217	matt@pcius.com
X	Leah Wilson	RW Excavating Solutions, LC	13293 S 88th Ave W	Prairie City	IA	50228	641-990-9080	lwilson@rwexcavating.com
x	Lance Stolee	Hands On Excavating, LLC	3305 Ziegler Ave	Radcliffe	IA	50230	515-338-2439	lancestolee@handsonexc.com
x	Joe Jensen	Iowa Earth Works	PO Box 112	Huxley	IA	50124	515-290-3438	joejensen7@gmail.com
x	Randy Fahr	Gehrke Inc	1405 21st Ave	Eldora	IA	50627	641-485116	RFahr@gehrkeinc.com

sam@pcius.com