



**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:	18 pages including this cover page	Phone:	515-344-6279
Re:	But901622D Nutrient Reduction Wetland (Bid 23-04)	Date:	September 17, 2023

Comments:

- Addendum No. 1 with Attachments 1 and 2 (9 pages)
- Pre-Bid Meeting Minutes (6 pages)
- Pre-Bid meeting attendance list (1 page)
- Updated plan holders list (1 page)
- Electronic files for grading can be obtained by e-mail by contacting Jon Rosengren with Bolton & Menk at 515-460-9699 or Jon.Rosengren@bolton-menk.com.

- END OF COVER PAGE -



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September 14, 2023

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

TO: Prospective Bidders

Subject: **Addendum No. 1** to Bid Documents
But901622D - Nutrient Reduction Wetland Project – Bid No. 23-04
Butler County, Iowa

This addendum forms a part of the bidding contract documents and modifies the original bidding documents dated August 2023. 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 23-04 and all bidders must acknowledge this addendum on Page CC-2. **FAILURE TO DO SO WILL SUBJECT BIDDER TO DISQUALIFICATION.**

Description:

DOCUMENT AA– NOTICE TO BIDDERS

- The “Notice to Bidders”, Document AA, has been modified as follows:
 - Sealed bids submission deadline is being extended to 3:00 PM, September 21, 2023.
 - Bid Opening date is being extended to 3:30 PM, September 21, 2023.

DOCUMENT CC– PROPOSAL AND SCHEDULE OF PRICES, 23-04 (See Attachment No.1)

- The “Proposal & Schedule of Prices”, Document CC, has been modified as follows:
 - Bid Quantity for Bid Item 4 update to 21.5 acres.
 - Bid Quantity for Bid Item 7 update to 1,285 cubic yards.
 - Bid Items 8 and 9 – Prefabricated Pipe Bends added.

SPECIFICATIONS

IA-1 – Site Preparation

- 6.B.1 – Bid Item No. 1 Site Stripping and Preparation
The name of this bid item shall be changed to “Topsoil, strip, salvage and respread”
The paragraph “This item will also include any tree and brush removal along with any fences. These shall be considered incidental to site stripping” shall be removed.
- 6.B.2 – Bid Item No. 2 Crop Damage
The name shall be changed to “Site Preparation”.
A new first paragraph shall be inserted as follows:
“This item will consist of labor, equipment, and materials needed to prepare the site for construction. This shall include as a minimum removal of trees and fences, along with any other work necessary to access or prepare the site for construction. This item shall be paid out on a lump sum basis.”

The existing first paragraph shall be modified as follows:

“When possible, work shall be conducted in a timely manner that prevents crop damage. When necessary, crop damage will be assessed and paid for as described below.”

IA-21 – Excavation

- 7.B.1 Bid Item No. 7 Excavation (General)
This item shall be modified as follows:
“1. Subsidiary Item Excavation (General)
This item is subsidiary to Bid Item No. 7 Earthfill in Specification IA-23”

IA-23 – Earthfill

- 8.B.1 A new section should be added as follows:
“1. Bid Item No. 7 Earthfill

This item will consist of excavating, placing and compacting earthfill necessary to construct the portion of the embankment. Sand and gravel found on site shall not be used for fill for this item.

Compaction shall be Method 2.

Rocks larger than 6" shall be removed prior to compaction.

Payment for this items shall be based on plan quantity. The plan quantity assumes 35% shrinkage.

Contractor shall overfill the embankment 5% of the embankment height, which is not included in the quantity provided. The final grading shall account for placement of topsoil.

Payment will constitute full compensation for the following related Subsidiary items: Pollution Control, Removal of Water, and Backfill Required Excavation.”

Existing 8.B.1 should be relabeled 8.B.2

PLANS (See Attachment 2)

Plan Sheet C.01 – Updated Tables

Plan Sheet D.07 – Removed reference to riprap riffle that was taken out of project plans.

Plan Sheet K.05 – Updated seeding areas

Sincerely,



Michael L. Bourland, P.E.
Water Resources Bureau

MLB

Attachment No. 1 – Updated Document CC

Attachment No. 2 – Updated Plan Sheets

End of Addendum No. 1

Time and Date for Bid Submissions: 3:00 A, 09/19/2023
 Wallace State Office Building
 502 East 9th 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: 3:15 AM, September 19, 2023
 Bid Opening Location: Wallace State Office Building
 502 East 9th Street
 Des Moines, IA 50319-0050

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

Project Description and Location: But901622D Nutrient Reduction Wetland Project
 Section 22, Township 90 North, Range 16 West
 Butler 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	June 15, 2024	\$175.00 Per Day
	Seeding	June 30, 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

But901622D Project
 Contract No. 23-04
 Section 22, Township 90 North, Range 16 West, Butler County, Iowa

Name of Bidder: _____

Item No.	Work or Material	Spec No.	SUDAS Spec. No	Estimated Quantity	Unit	Unit Price	Total
1	Topsoil, strip, salvage and respread	IA-01, 26		3,166	CY		
2	Clearing and grubbing	IA-01		1	LS		
3	Structure seeding, fertilizing, and mulching	IA-06		0.62	AC		
4	Buffer seeding	IA-06		21.5	AC		
5	Mobilization / Demobilization	IA-08		1	LS		
6	Drainage tile investigation and removal	IA-09		1	LS		
7	Excavation	IA-21, 23		1,285	CY		
8	Prefabricated Pipe Ben 22°, 12" RCP	IA-46		1	EA		
9	Prefabricated Pipe Ben 30°, 12" RCP	IA-46		2	EA		
10	RCP, 12" diameter	IA-46		1,221	LF		
11	RCP, 30" diameter	IA-46		191	LF		
12	Structure, SW-513, (36" wall width)		6010-108-B1	2	EA		
13	Structure, SW-513, (54" wall width)		6010-108-B2	1	EA		
14	Apron, RCP, 30" diameter		4030-108-B-1	1	EA		
15	Footing for concrete pipe apron, D=30"		4030-108-C-1	1	EA		
16	Silt fence or silt fence ditch checks		9040-108-N-1	2,000	LF		

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 _____, 2023

(Signed, Notary)

My Commission Expires _____, 20____

END OF DOCUMENT CC

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
1	TOPSOIL, STRIP, SALVAGE AND RESPREAD THIS IS THE QUANTITY TO REMOVE, SALVAGE AND STOCKPILE 12" OF EXISTING MATERIAL FROM ALL AREAS TO BE EXCAVATED OR DISTURBED TO INCLUDE THE 1' BERM SUBCUT. ALL AREAS TO RECEIVE SEED, BORROW AREAS AND EXCAVATIONS BELOW THE NORMAL POOL ELEVATION SHALL HAVE A MINIMUM OF 6" OF TOPSOIL PLACED.
2	CLEARING AND GRUBBING THIS SHALL BE CONSIDERED FULL COMPENSATION TO REMOVE ALL TREES, STUMPS AND BRUSH FROM WITHIN THE WETLAND NORMAL POOL, BERM EMBANKMENT AND BORROW AREAS.
3	STRUCTURE SEEDING, FERTILIZING AND MULCHING REFER TO SHEET NO. K .05. THIS SEED IS FOR THE EMBANKMENT AND BERM AREA, AND AREAS WHERE THE GROUND SLOPES WILL BE STEEPER THAN 5:1. THIS WILL INCLUDE ANY TOPSOIL WASTE AREAS OR SLOPES FROM THE BORROW AREA TO THE EXISTING GROUND. MULCHING SHALL BE INCLUDED FOR THIS AREA.
4	BUFFER SEEDING REFER TO SHEET NO. K .05. THIS SEEDING IS FOR ALL OTHER AREAS ABOVE THE NORMAL POOL ELEVATION AND ARE NOT PART OF THE STRUCTURE AND CHANNEL SEEDING. NO MULCH ON THIS AREA.
5	MOBILIZATION/DEMOBILIZATION THIS WORK SHALL INCLUDE THE MOBILIZATION AND DEMOBILIZATION OF THE CONTRACTOR'S FORCES AND EQUIPMENT FOR PERFORMING THE WORK UNDER THE CONTRACT. THE USE OF THE TEMPORARY CONSTRUCTION ACCESS AND STAGING AREA SHALL INCLUDE DEEP TILLAGE OF THE AREA ONCE CONSTRUCTION IS COMPLETE AND IS CONSIDERED INCIDENTAL TO THIS ITEM.
6	DRAINAGE TILE INVESTIGATION AND REMOVAL THIS ITEM WILL CONSIST OF THE EXPLORATORY EXCAVATIONS REQUIRED TO LOCATE AND ABANDON THE TILES SHOWN ON THE PLANS OR NOT SHOWN. THIS IS FULL COMPENSATION FOR THE EXCAVATION, BACKFILLING, ABANDONMENT OF THE TILE AND TRENCHES WITHIN THE PERMANENT EASEMENT BOUNDARY.
7	EARTHFILL THIS INCLUDES THE CONSTRUCTION OF THE EMBANKMENT BERM (DIKE) OF 1,000 CY TO THE SLOPES AND ELEVATIONS DETAILED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE A MINIMUM ALLOWABLE SETTLEMENT OF 5% OF THE TOTAL FILL DEPTH WHEN CONSTRUCTING THE BERM. THIS ADDITIONAL QUANTITY OF MATERIAL IS NOT FIGURED INTO THE BID QUANTITY. MATERIAL SHALL BE SELECT SOILS FROM A BORROW SITE WITHIN THE EASEMENT BOUNDARY, COMPACTED TO METHOD 2 (IA-23-2) AND CONSIDERED INCIDENTAL TO THIS ITEM. THIS QUANTITY ASSUMED A 35% SHRINKAGE FACTOR ON THE MATERIAL.
8	PREFABRICATED PIPE BEND 22°, 12" RCP PAYMENT IS FOR MANUFACTURING PIPE BEND ONLY. INSTALLATION WILL BE INCLUDED IN MEASUREMENT AND PAYMENT FOR FOR 12" RCP.
9	PREFABRICATED PIPE BEND 30°, 12" RCP PAYMENT IS FOR MANUFACTURING PIPE BEND ONLY. INSTALLATION WILL BE INCLUDED IN MEASUREMENT AND PAYMENT FOR 12" RCP. ADJACENT PIPE JOINTS MAY BE DEFLECTED UP TO 2" TO ALIGN PIPE WITH BENDS INDICATED ON THE PLANS.
10	RCP, 12" DIAMETER REFER TO SHEET NO'S. D .01, D .02 AND K .03. THIS IS FULL COMPENSATION FOR INSTALLATION, BEDDING AND BACKFILLING OF THE BYPASS PIPING. LENGTH IS BASED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND THROUGH BENDS. TRENCH INSTALLATION SHALL BE MODIFIED TRENCH INSTALLATION TYPE 4 (SEE SHEET K.03), WITH CLASS IV PIPE, TONGUE AND GROOVE JOINTS WRAPPED WITH ENGINEERING FABRIC.
11	RCP, 30" DIAMETER REFER TO SHEET NO. D .03 AND K .02. THIS IS FULL COMPENSATION FOR INSTALLATION, BEDDING AND BACKFILLING OF THE OUTLET PIPING. LENGTH IS BASED FROM CENTER OF STRUCTURE TO APRON. BEDDING SHALL BE SELECT CLAY, HAND TAMPED TO SPRINGLINE, CLASS III PIPE, TONGUE AND GROOVE JOINTS WRAPPED WITH ENGINEERING FABRIC. JOINTS SHALL BE TIED FROM APRON TO TWO (2) JOINTS UPSTREAM.
12	STRUCTURE, SW-513, (36" WALL WIDTH) REFER TO SHEET NO. K .01. THIS SHALL BE CONSTRUCTED ACCORDING TO IOWA STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS. THE CASTING LID SHALL BE BOLTED TO THE CASTING.
13	STRUCTURE, SW-513, (54" WALL WIDTH) REFER TO SHEET NO. K .01. THIS SHALL BE CONSTRUCTED ACCORDING TO IOWA STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS. THE CASTING LID SHALL BE BOLTED TO THE CASTING.
14	APRON, RCP, 30" DIAMETER THIS SHALL BE CONSTRUCTED ACCORDING TO IOWA STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS. ALL JOINTS SHALL BE CONNECTED PIPE JOINTS, SEE IOWA D.O.T. STANDARD ROAD PLAN DR-121
15	FOOTING FOR CONCRETE PIPE APRON, D=30" THIS SHALL BE CONSTRUCTED ACCORDING TO IOWA STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS AS DETAILED IN FIGURE 4030.221.
16	SILT FENCE OR SILT FENCE DITCH CHECKS REFER TO SHEET NO. A .04 FOR LOCATION OF SILT FENCE OR SILT FENCE DITCH CHECKS TO BE INSTALLED DURING CONSTRUCTION. ITEM INCLUDES ANCHORING POSTS, MAINTENANCE AND CLEANING, REMOVAL AND RESTORATION OF THE AREA TO FINISHED GRADE, AND DISPOSAL.

ITEM NO.	WORK OR MATERIALS	NRCS SPEC NO.	SUDAS SPEC NO.	TOTAL	UNIT	AS BUILT QTY
1	TOPSOIL, STRIP, SALVAGE AND RESPREAD	IA-1, 26		3,166	CY	
2	CLEARING AND GRUBBING	IA-1		1	LS	
3	STRUCTURE SEEDING, FERTILIZING AND MULCHING	IA-6		0.6	AC	
4	BUFFER SEEDING	IA-6		21.5	AC	
5	MOBILIZATION/DEMOBILIZATION	IA-8		1	LS	
6	DRAINAGE TILE INVESTIGATION AND REMOVAL	IA-9		1	LS	
7	EARTHFILL	IA-21, 23		1,285	CY	
8	PREFABRICATED PIPE BEND 22°, 12" RCP	IA-46		1	EA	
9	PREFABRICATED PIPE BEND 30°, 12" RCP	IA-46		2	EA	
10	RCP, 12" DIAMETER	IA-46		1,221	LF	
11	RCP, 30" DIAMETER	IA-46		191	LF	
12	STRUCTURE, SW-513, (36" WALL WIDTH)		6010-108-B1	2	EA	
13	STRUCTURE, SW-513, (54" WALL WIDTH)		6010-108-B2	1	EA	
14	APRON, RCP, 30" DIAMETER		4030-108-B-1	1	EA	
15	FOOTING FOR CONCRETE PIPE APRON, D=30"		4030-108-C-1	1	EA	
16	SILT FENCE OR SILT FENCE DITCH CHECKS		9040-108-N-1	2,000	LF	

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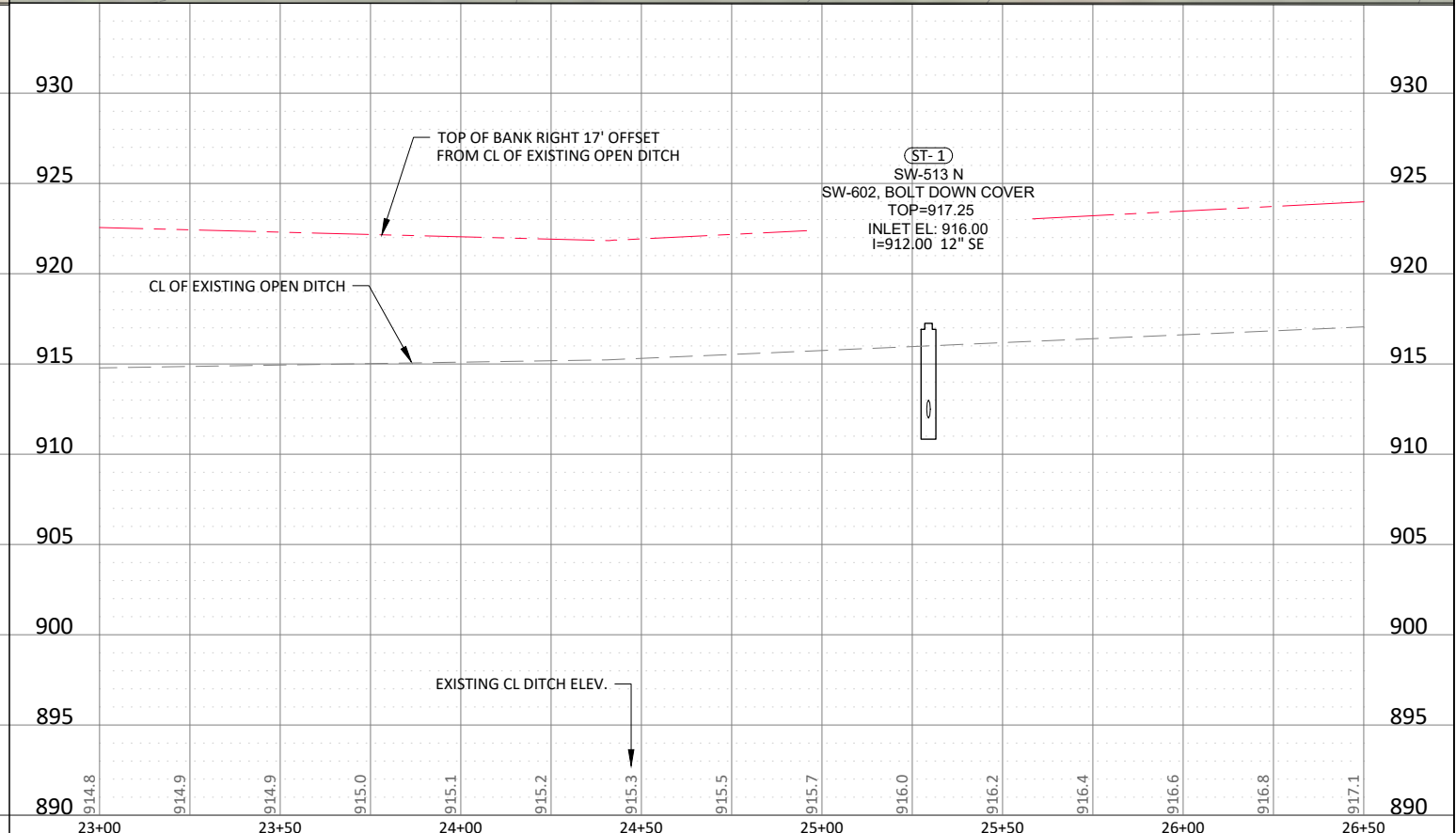
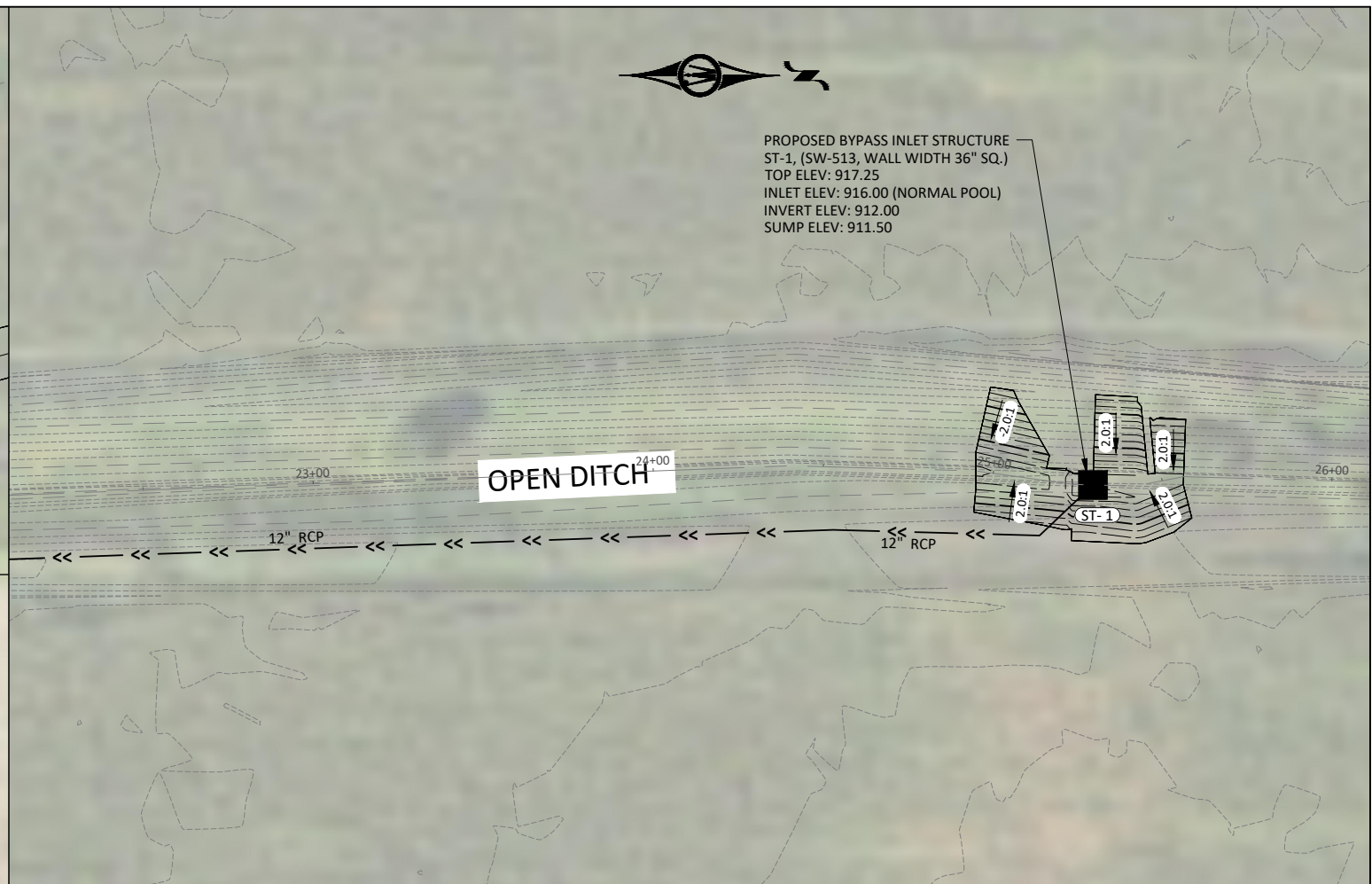
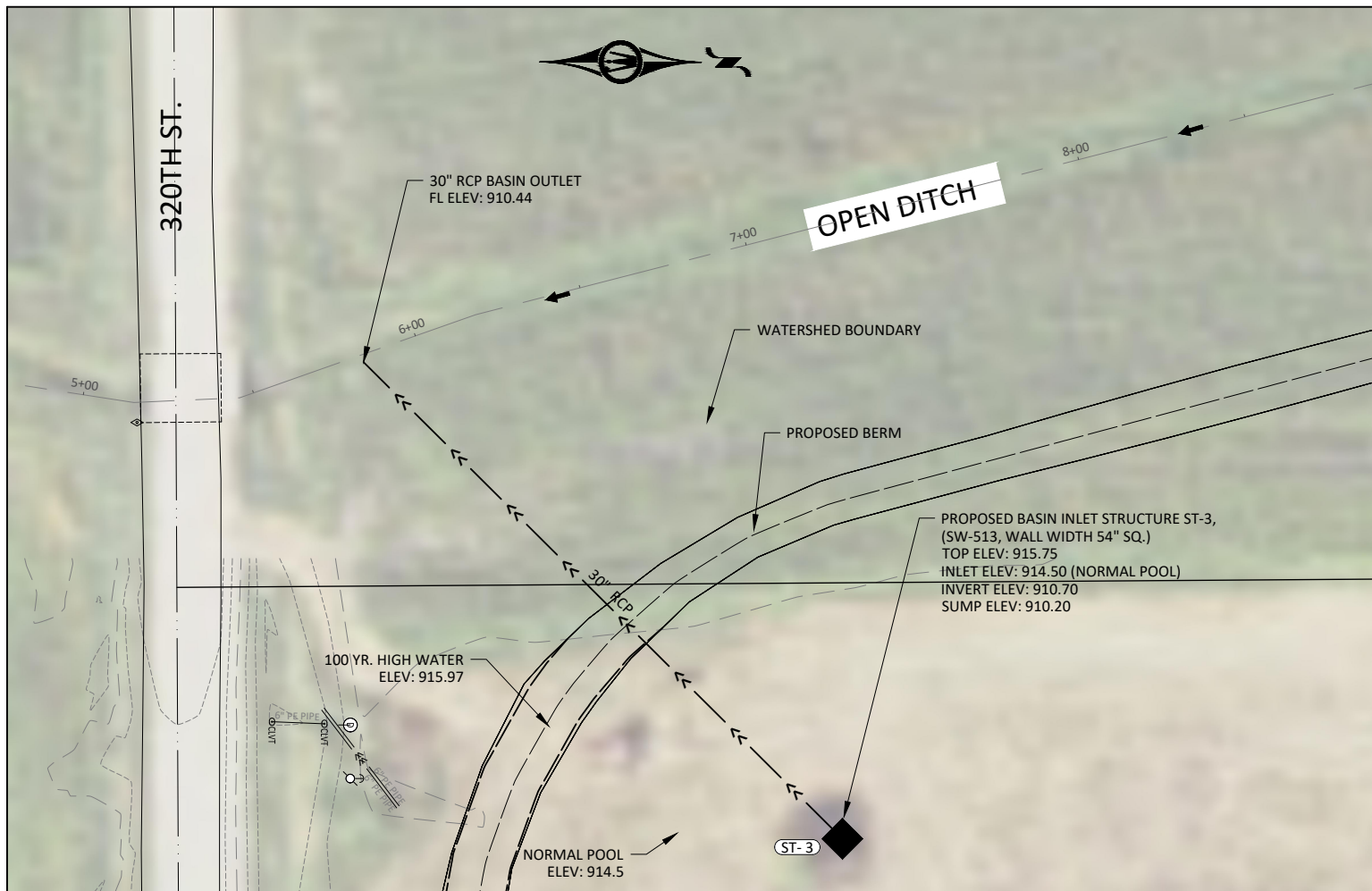


300 WEST MCKINLEY ST, P.O. BOX 68
JEFFERSON, IOWA 50129
Phone: (515) 386-4101
Email: jefferson@bolton-menk.com
www.bolton-menk.com

DESIGNED	NO.	ISSUED FOR	DATE
RMC			
RMC			
JPR			
CLIENT PROJ. NO.	A16.120760		

IOWA DEPARTMENT OF AGRICULTURE
BUTLER COUNTY CREP SITE PROJECT NO. BUT901622D
ESTIMATE OF QUANTITIES AND REFERENCE NOTES

SHEET
C.01



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JEFFERSON, IOWA 50129
Phone: (515) 386-4101
Email: Jefferson@bolton-menk.com
www.bolton-menk.com

DESIGNED	NO.	ISSUED FOR	DATE
RMC			
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CLIENT PROJ. NO.	A16.120760		

IOWA DEPARTMENT OF AGRICULTURE
BUTLER COUNTY CREP SITE PROJECT NO. BUT901622D
EXISTING OPEN DITCH PLAN AND PROFILE

SHEET
D.07

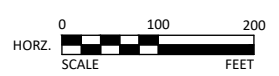
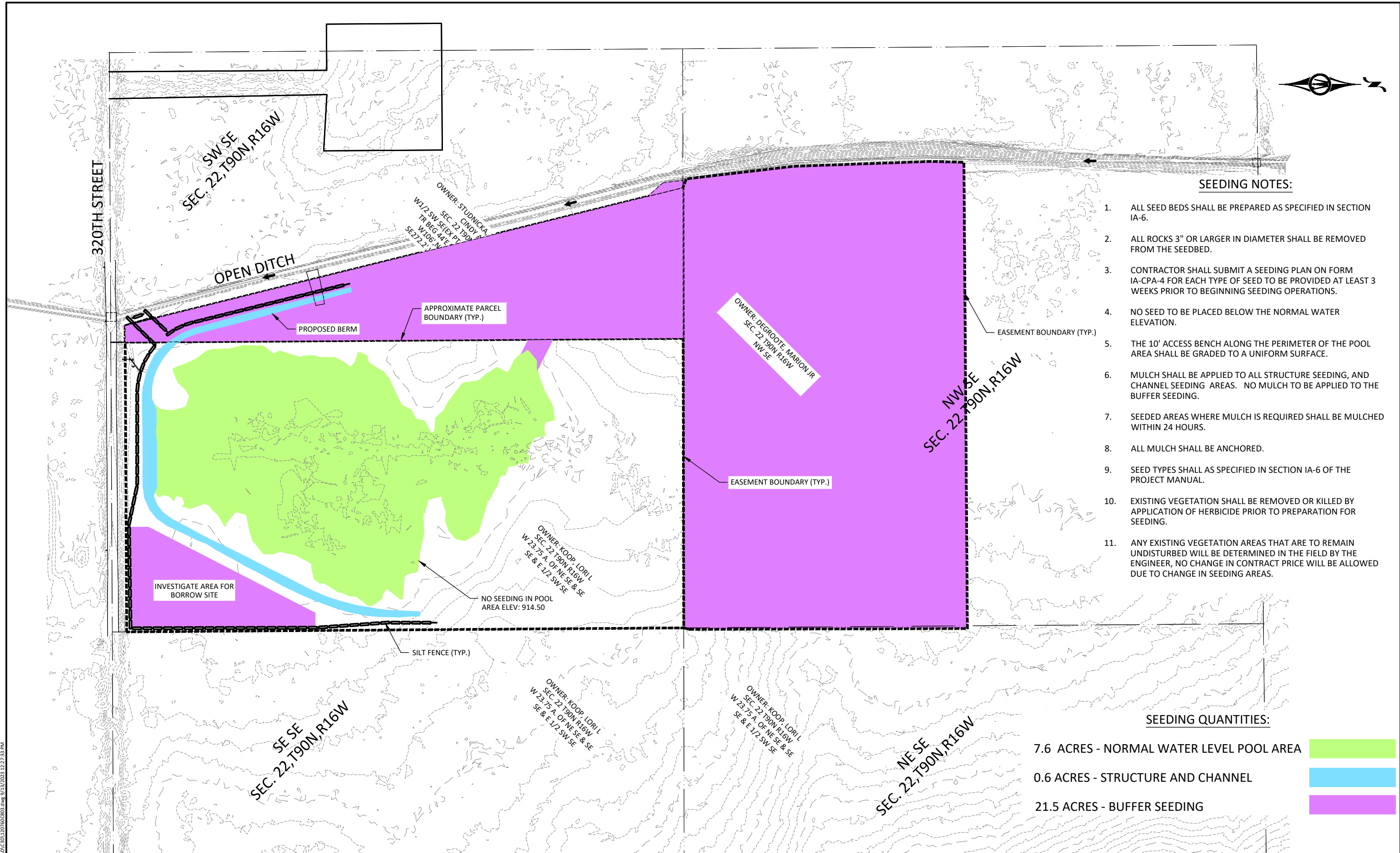


SEEDING NOTES:

1. ALL SEED BEDS SHALL BE PREPARED AS SPECIFIED IN SECTION IA-6.
2. ALL ROCKS 3" OR LARGER IN DIAMETER SHALL BE REMOVED FROM THE SEEDBED.
3. CONTRACTOR SHALL SUBMIT A SEEDING PLAN ON FORM IA-CPA-4 FOR EACH TYPE OF SEED TO BE PROVIDED AT LEAST 3 WEEKS PRIOR TO BEGINNING SEEDING OPERATIONS.
4. NO SEED TO BE PLACED BELOW THE NORMAL WATER ELEVATION.
5. THE 10' ACCESS BENCH ALONG THE PERIMETER OF THE POOL AREA SHALL BE GRADED TO A UNIFORM SURFACE.
6. MULCH SHALL BE APPLIED TO ALL STRUCTURE SEEDING, AND CHANNEL SEEDING AREAS. NO MULCH TO BE APPLIED TO THE BUFFER SEEDING.
7. SEEDED AREAS WHERE MULCH IS REQUIRED SHALL BE MULCHED WITHIN 24 HOURS.
8. ALL MULCH SHALL BE ANCHORED.
9. SEED TYPES SHALL AS SPECIFIED IN SECTION IA-6 OF THE PROJECT MANUAL.
10. EXISTING VEGETATION SHALL BE REMOVED OR KILLED BY APPLICATION OF HERBICIDE PRIOR TO PREPARATION FOR SEEDING.
11. ANY EXISTING VEGETATION AREAS THAT ARE TO REMAIN UNDISTURBED WILL BE DETERMINED IN THE FIELD BY THE ENGINEER, NO CHANGE IN CONTRACT PRICE WILL BE ALLOWED DUE TO CHANGE IN SEEDING AREAS.

SEEDING QUANTITIES:

- 7.6 ACRES - NORMAL WATER LEVEL POOL AREA
- 0.6 ACRES - STRUCTURE AND CHANNEL
- 21.5 ACRES - BUFFER SEEDING



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DESIGNED	NO.	ISSUED FOR	DATE
RMC			
DRAWN			
RMC			
CHECKED			
JPR			
CLIENT PROJ. NO.	A16.120760		

IOWA DEPARTMENT OF AGRICULTURE
BUTLER COUNTY CREP SITE PROJECT NO. BUT901622D
SEEDING AREAS

SHEET
K.05

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BUTLER COUNTY WETLAND PROJECT
BUT901622D - BID NO. 23-04
PREBID MEETING
September 12, 2023 - 9:15 AM

Introduction:

1. Tracy Bruun, Division of Soil Conservation and Water Quality (Division) opened the meeting and introduced:
 - Mike Bourland, Engineer and Tracy Bruun, Contract Manger with the Division
 - Jon Rosengren, Bolton & Menk
 - Others: Kurt Hoeft, IDDA; Courtney Myers, NRCS; Braxton Rottinghaus, PCI; Josh Lahr, Larh Excavating.
2. This wetland project is 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 on at this time. This one in Butler county, one in Black Hawk, one in Guthrie and one in Greene counties.
4. 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. 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 16**. 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 **September 12, 2023**. 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 23-04**, and the 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 are due no later than 3:00 PM at the Wallace State Office Building, 502 E. 9th Street, Des Moines, Iowa, Division of Soil Conservation and Water Quality on Tuesday, September 19, 2023; **changed to Thursday, September 21, 2023 see addendum 1**. Bids must be dated and time stamped by a representative of the Division. Bids received after this time will be rejected and returned unopened to the Bidder. Bids for 23-04 will be opened beginning at 3:15 PM on that same day in Conference Room 2 of the Wallace State Office Building.

Bids may be mailed or hand delivered. Visitors are allowed into the Wallace Building, and should contact Tracy Bruun, (515) 344-6279 to be met in the lobby. We ask that you seal envelopes with tape instead of wetting the seal with saliva. If you are mailing a bid, be aware that it can take 2 days for next day deliveries.

Evaluation of bids and award of Construction Contract:

This Butler 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 Butler 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 Butler County Nutrient Reduction Wetland Project is awarded shall be required to:
 - ✓ 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, 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 **June 15, 2024**. The final date for completion of seeding is **June 30, 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 June 15, 2024 absent a No-Fault Extension, the Contractor may be assessed damages in the amount of **\$175 per day**. If the *seeding* is not subsequently completed by June 30, 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 Jon Rosengren: Jon.Rosengren@bolton-menk.com with Bolton & Menk and must copy Tracy Bruun: 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.

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 September, 12 2023**.

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)*.

Engineer's Discussion:

The overall project is relatively simple. We are diverting water from an existing drainage ditch through a new tile into an existing low-lying area to create a wetland. Some grading is required to contain the water with intake and outlet structures being provided.

The following is a brief description of the project following through the bid items. Contractors should carefully review the plans and specifications to make sure they understand each bid item and associated subsidiary items to be included.

Bid Item 1 – Topsoil Strip, Salvage and Respread

This quantity includes stripping a combined depth of 12 inches in areas of the grading for the new dike and the borrow area. Please note that the specifications amended to match this nomenclature. Please refer to Specification IA-1 and IA-9.

Bid Item 2 – Clearing and Grubbing

This item is listed as Crop Damage in the specifications and has been changed with the addendum. Crop Damage will be paid out by the contractor to the landowner and will be added as a change order to the contract on an as needed basis.

This item is a lump sum to cover the costs of tree clearing, fence removal, and any other miscellaneous work needed to prepare the site. Note that an old concrete pump station exists on site that does not need to be removed.

Bid Item 3- Structure seeding, fertilizing and mulching

This item includes seeding the dike area.

Bid Item 4 – Buffer Seeding

This item includes seeding the buffer area. Please note that some areas are already in CRP and other areas are row cropped.

IA-6 also allows for weed control to be added to the contract as a change order on a as needed basis. If needed, this will be discussed and negotiated at that time.

Bid Item 5 – Mobilization/Demobilization

Please note that this includes placement of a sign provided for by IDALS. This item will be paid out on a percent completed basis with each pay application.

Bid Item 6 – Drainage Tile Investigation and Removal

This item includes excavating a trench along the dike to make sure there is no tile extending under the dike. Please note that this is not a core trench and can be completed with a trencher or small bucket. The trench will need to be backfilled. We are not aware of other tile being in the area that will be impacted by this project. If we encounter additional tile, any exploration and additional work will be added as a change order to this project.

Bid Item 7 – Earthfill

Note that this is listed as Excavation in the specifications and changed with the addendum. The bid quantity includes the estimated amount of material needed to construct the dikes while accounting for 35% shrinkage of the borrow material. Additional fill will be needed to allow for 5% overbuild based on the height of the fill placed. A borrow area is shown on the site plan but should be investigated for its suitability prior to stripping.

Bid Items 8-11 – RCP Pipe and Elbows

These items include the RCP tile used to transport water to and from the wetland. Please note that some minor bends are shown on the plans that should be able to be accomplished with the allowable tolerances within the joints. There are two other bends that are more significant and will require elbows. The joints could be pre-manufactured or constructed in place.

Q: Do the joints of the RCP have to be wrapped with geotextile fabric?

A: Not if the pipe is properly installed. This will be determined using finger widths in the field: If one finger can fit in the gap, there is no need to wrap. If two fingers can fit, the contractor will need to wrap the joint, and if three fingers fit, the pipe segment must be re-laid.

Q: Can HDPE Dual Wall or Polypropylene pipe be used as an alternative to RCP.

A: Yes, but the gaskets will have to soil tight and F-2 bedding (IDOT SW-103 provided below) using 1-inch clean crushed stone would be needed for bedding and would have to be included in the cost per foot of tile installed. Also, an appropriate apron with a footing will also be required as noted with Bid Items 14 and 15.

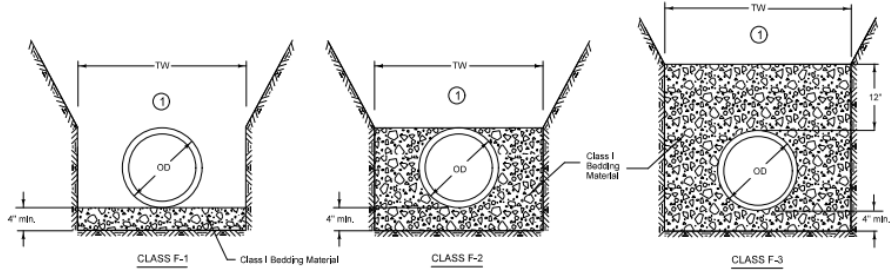
Bid Item 12 and 13 – SW-513 Structures

These bid items relate to the intake and outlet structures and should follow the details provided in the plans. Shop drawings will be required for each one.

Bid Items 14 and 15 – Apron and Footing

An RCP apron will be required if RCP is used from Bid item 11. A compatible apron section shall be selected for alternative materials. The apron footing toe wall will be required in all cases.

BEDDING CLASSES



- ① Place remainder of bedding and backfill materials as specified in the contract documents.
- ② Minimum depth of bury 12 inches or as specified by the manufacturer.

ALLOWABLE BEDDING CLASSES

PIPE MATERIAL	STORM SEWER	SANITARY SEWER
Ductile Iron	F-1, F-2, F-3	F-1, F-2, F-3
HDPE	F-2, F-3	Not allowed
Polypropylene	F-2, F-3	F-3
PVC	F-2, F-3	F-3

Key
 OD = Outside diameter of pipe
 TW = Trench width at top of pipe:
 Mfr. = OD+18 inches OR 1.25xOD+12 inches
 (whichever is greater)

ALLOWABLE BURY DEPTH ②

Pipe Diameter (in)	PVC PIPE					DUCTILE IRON, AWWA C151, CLASS 52				HDPE PIPE		POLYPROPYLENE PIPE	
	ASTM D 3034			ASTM F 879	ASTM F 949	ASTM F 1803	ASTM D 2680	Pipe Diameter (in)	AASHTO M 294	Pipe Diameter (in)	ASTM F 2764		
	SDR 23.5	SDR 26	SDR 35	Solid Wall SDR 35	Corug. Exterior	Closed Profile	Composite (Truss Type)						
8	30'	28'	24'	---	24'	---	32'	4	8"	12	24"		
10	30'	28'	24'	---	24'	---	32'	6	9"	15	25"		
12	30'	28'	24'	---	24'	---	32'	8	9"	18	22"		
15	30'	28'	24'	---	24'	---	32'	10	9"	24	20"		
18	---	---	---	24'	24'	---	---	12	9"	30	22"		
21	---	---	---	24'	24'	24'	---	14	9"	36	21"		
24	---	---	---	24'	24'	24'	---	16	8"	42	22"		
27	---	---	---	24'	---	24'	---	18	8"	48	23"		
30	---	---	---	24'	24'	24'	---	20	8"	54	21"		
33	---	---	---	24'	---	---	---	24	8"	60	21"		
36	---	---	---	24'	---	---	---	30	---	---	---		
42	---	---	---	24'	24'	24'	---	36	18"	22'	30"		
48	---	---	---	24'	---	24'	---	42	17"	21'	29"		
54	---	---	---	---	---	24'	---	48	15"	19'	27"		
60	---	---	---	---	---	24'	---	54	16"	19'	27"		

FIGURE 3010.103 SHEET 1 OF 1

	REVISIONS
	4 04-20-21
FIGURE 3010.103	STANDARD ROAD PLAN
SW-103	
<small>REVISIONS: Added note DO NOT USE ON PRIMARY ROADWAYS.</small>	
FLEXIBLE GRAVITY PIPE TRENCH BEDDING	

Pre-Bid Meeting Sign-in Sheet
September 5, 2023 at the Butler USDA Service Center
Bid No.: 23-04
Project ID: But901622D Nutrient Reduction Wetland

9:15 AM

	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 C
2	Mike Bourland	Division	502 E. 9th St., Des Moines IA 50309	mike.bourland@iowaagriculture.gov	515-242-6130
3	Jon Rosengren	Bolton & Menk	218 11th St SW Plaza, Spencer 51301	Jon.Rosengren@bolton-menk.com	515-460-9699 C
4	KURT HOEST	IRDA			
5	Courtney Myers	NRC			
6	Braxton Rottenghaus	PLI	104 Blackhawk St Reinbeck Iowa	braxtonr@plius.com	319-560-9845
7	Josh Lahr	Lahr Ex	2943 140 th Ave Ryan, IA	lahr64@gmail.com	563-920-6210
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