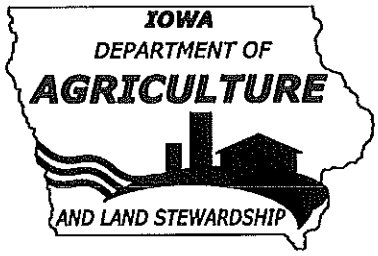

Division of Soil Conservation
Department of Agriculture & Land Stewardship
State of Iowa

Transmittal Cover

To:	All Planholders	**From:**	Mike Bourland, Engineer
Fax:		**Date:**	August 21, 2012
Phone:		**Pages:**	17, including cover
Re:	Poc903105C CREP Wetland Project (12-08)	**Phone:**	515-242-6130

Comments:

- **Addendum 1**
- **Prebid Meeting Minutes with attachment**
- **Prebid meeting attendance list**
- **Updated plan holders list**

IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

Bill Northey, Secretary of Agriculture

August 21, 2012

Division of Soil Conservation
Wallace State Office Building
Des Moines, IA 50319

TO: Prospective Bidders

Subject: **Addendum No. 1** to Bid Document
Poc903105C CREP Wetland Project – Bid No. 12-08
Pocahontas County, Iowa

This addendum forms a part of the bidding contract documents and modifies the original bidding documents dated August 2012. All bidders must acknowledge receipt of the addendum in the space provided on the top of Page CC-2 of Document CC, the Proposal and Schedule of Prices. **FAILURE TO DO SO WILL SUBJECT BIDDER TO DISQUALIFICATON.**

Document CC – Proposal Schedule of Prices:

Updates have been made to the Schedule of Prices with changes made to the Estimated Quantity's for Bid Item Nos. 14, 15, 22 and 23. Also, the buffer seeding, Bid Item 4 has been subdivided into 4a to account for interseeding of areas with established CRP. An updated Document CC is attached that acknowledges this addendum and should be used for the bid submittal.

SPECIFICATIONS:

IA-6- Seeding and Mulching for Protective Cover

The following section should be added to the end of Section 6. Items of Work and Construction Details.

C. Bid Item, Buffer Seeding, Interseeding Forbs

(1) This item will consist of seeding undisturbed areas above plan normal pool elevation within the easement boundary that has established CRP vegetation.

(2) All seed must be cleaned and weed free. All seed must be yellow tagged Iowa ecotype.

(3) Seeding mixture shall include a minimum of 10 native forbs and shall provide a minimum of 10 forbs seeds per square foot. Number of seeds will be based on Table 3 in NRCS Standard 327 "Conservation Cover". Contractor's seed mix shall be submitted to the Engineer for approval at least 2 weeks before seed is applied.

(4) Seeding will be completed during the following seeding periods:
Spring April 15 to July 1
Fall November 15 to freeze-up

(5) Seeding shall be applied using a no-till native seed drill to insure seed-soil contact is achieved. An annual seed, such as annual rye of winter wheat, can be used to help with seed placement.

(6) No lime, fertilizer, or mulch shall be applied

(7) Measurement will be based on the area successfully seeded.

(8) Payment will constitute full compensation for Bid Item, Buffer Seeding, Interseeding Forbs.

PLANS:

1) On sheet A.01 TITLE SHEET AND LOCATION MAP
   - The project location map shall read T-90-N, not T-92-N as shown.

2) On sheet B.01 Water Control Structure Details
   - Water Control Structure Elevation pipe notes should read "18" TONGUE & GROOVE GASKETED WALL B OR C RCP."
   - Water Control Structure Elevation note at the base that reads "6" Poured Concrete...See note No. 4 should read "INSTALL CONCRETE INVERT BETWEEN INLET AND OUTLET FLOW LINES ALSO INCLUDE FILLETS IN WCS CORNERS. BOTTOM STOP LOG AND CHANNELS SHALL BE CAST APPROXIMATELY 3" INTO THE INVERT. SEE NOTE NO. 4."

3) On sheet B.02 LOWER SHEET PILE STRUCTURE
   - The sheet piling requirements for Contech shall be "SZ-10 OR EQUIVALENT" and for Shoreline Steel they shall be "SZ-10, MZ15 OR EQUIVALENT"

4) On sheet D.01 STILLING BASIN PLAN AND PROFILE
   - Remove note number 2 from the boxed area.

5) On sheet D.05 TILE DAYLIGHT #3 AND #4
   - Profile for Tile Daylight #4 A & B should read "TILE DAYLIGHT #4 AND #4A."

Sincerely,

Michael L. Bourland, P.E.
Water Resources Bureau
Division of Soil Conservation

MLB
Enclosures
End of Addendum No. 1

UPDATED DOCUMENT CC FOR AMENDMENT NO. 1

Time and Date of Bid Opening: 3:30 p.m., August 28, 2012
Conference Room 2
Division of Soil Conservation – IDALS
502 East 9th Street
Des Moines, IA 50319-0050

Project Description and Location: Poc903105C CREP Wetland Project
Section 5, Township 90 North, Range 31 West
Pocahontas County, Iowa

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	Grading Only	October 31, 2012	$ 14,295
	All Work	November 30, 2012	$ 14,295

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 after the date of approval of award of the contract, 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.

The undersigned agrees, if awarded the contract, to commence the work after the Preconstruction Conference and within fourteen (14) calendar days of receipt of the Notice-to-Proceed. The undersigned further agrees to complete the work within the contract period, or to pay liquidated damages. The Division has paid the landowner $14,295 to allow for summer construction. If grading is not completed by October 31, 2012, then this amount paid to the landowner will be withheld from the final payment to the contractor. If any portion of the contract work is completed such that it extends beyond the next federal fiscal year, the Division will have to pay an estimated amount as provided for liquidated damages set for all work.

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)

UPDATED DOCUMENT CC FOR AMENDMENT NO. 1

In executing this proposal, Bidder acknowledges receipt of Addenda Number 1 dated 8-21-12

In executing this proposal, Bidder acknowledges receipt of Addenda Number _____ dated _____

In executing this proposal, Bidder acknowledges receipt of Addenda Number _____ dated _____

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 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 _____, 20_____

_____

(Signed, Notary)

My Commission Expires _____, 20_____

SCHEDULE OF PRICES

UPDATED DOCUMENT CC FOR AMENDMENT NO. 1

Poc903105C Project
Contract No. 12-08
Section 5, Township 90 North, Range 31 West, Pocahontas County, Iowa

Name of Bidder:_____

Item Amount No.	Work or Material	Spec No.	Estimated Quantity	Unit	Unit Price	
1	Stripping	IA-1	5,944	CY		
2	Clearing and Grubbing	IA-1	1	LS		
3	Structure and Channel Fertilizing and Seeding	IA-6	2.42	ACRES		
4	Buffer Seeding*	IA-6	9.0	ACRES		
4a	Buffer Seeding, Interseeding Forbs*	IA-6	25.18	ACRES		
5	Mobilization/Demobilization	IA-8	1	LS		
6	Drainage Tile Investigation and Removal	IA-9	1	LS		
7	Steel Sheet Pile	IA-13	2,262	SF		
8	Excavation Core Trench, Channel & Stilling Basin	IA-21	4,928	CY		
9	Earthfill, Dike	IA-23	14,422	CY		
10	Earthfill, Pool	IA-23	5,155	CY		
11	Earthfill, Buffer SurfaceWater Berms	IA-23	632	CY		
12	Drainfill, Fine	IA-24	185	CY		
13	Corrugated Perforated Drain Tile, 5" Diameter	IA-45	169	LF		
14	Corrugated Perforated Drain Tile, 6" Diameter	IA-45	217	LF		
15	Corrugated Perforated Drain Tile, 8" Diameter	IA-45	1,661	LF		
16	Dual Wall HDPE, 8" Diameter	IA-45	20	LF		
17	Dual Wall HDPE, 10" Diameter	IA-45	50	LF		
18	Dual Wall HDPE, 18" Diameter	IA-45	86	LF		
19	Tongue & Groove Gasketed Wall B or C RCP Pipe, 18" Diameter	IA-46	89	LF		
20	Water Control Structure, 18" Diameter	IA-46	1	EA		
21	CMP Outlet Pipe, 6" Diameter	IA-51	40	LF		
22	CMP Outlet Pipe, 8" Diameter	IA-51	80	LF		

Item Amount No.	Work or Material	Spec No.	Estimated Quantity	Unit	Unit Price	
23	CMP Outlet Pipe, 10" Diameter	IA-51	60	LF		
24	CMP Outlet Pipe, 12" Diameter	IA-51	40	LF		
25	CMP Outlet Pipe, 24" Diameter	IA-51	20	LF		
26	Riprap, Class E	IA-61	486	TONS		
27	Concrete Grout	IA-62	117	CY		
28	Geotextile Fabric	IA-95	655	SY		

TOTAL BASE BID.....$_____

*Refer to Document GG, Section 7.02 for payment limitations for this bid item.

END OF DOCUMENT CC

POCAHONTAS COUNTY CREP WETLAND PROJECT
POC903105C --- BID NO. 12-08
PREBID MEETING NOTES
August 14, 2012 at 2:00 p.m.

Introduction:

1. Mike Bourland, Water Resources Bureau Engineer with the Division of Soil Conservation (Division) opened the meeting introduced Nick Roethler with I & S Group.

2. Mike informed all present that the Conservation Reserve Enhancement Program (CREP) is funded with state funds that are intended to be matched 4:1 with federal funds. This part of the program has been set up to construct strategically located wetlands to capture nitrates from field tile within a 37 county area of the state incorporating a glacial feature known as the Des Moines lobe. This Pocahontas County site is one of two contracts being bid at this time. We also plan to bid up to five more projects this fall.

3. The current list of plan holders was handed to all in attendance.

Bidder's Qualifications:

All Bidders shall meet the following qualifications:

1. Contractors are required to be registered with the Iowa Division of Labor.

2. Contractors shall, upon request of the Division, submit a statement of Bidder's qualifications including experience, 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 28**. A separate Document CC was provided with the bid package that is to be used for submitting the bid. If needed, an addendum will be issued no later than **August 21, 2012**. Any questions that should be considered as part of an addendum must be submitted to us by this date. 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 which is not covered by a bid price set forth in the Proposal and Schedule of Prices (*Document CC*), a Change Order will be issued. If additional work requires additional working days, a Contract Amendment will be issued.

Submission of Bids and Bid Security:

Bids should be submitted in two envelopes. A larger 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 smaller envelope shall contain the Bid Security or bid bond, which is in the amount of ten percent (10%) of the base bid. This envelope shall be taped to the outside of the larger envelope. It should be noted that the sealed bid number, **CREP 12-08**, 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 at **3:30 p.m.** at the Wallace State Office Building in Des Moines on **August 28, 2012**.

Evaluation of bids and award of Construction Contract:

This Pocahontas County CREP wetland project shall be awarded to the lowest responsible bidder as determined by the Division. In evaluating the bids, the Division may consider such factors as alternates, bid price, experience, 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 the Pocahontas County CREP 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 the Pocahontas County CREP Wetland Project is awarded shall be required to execute the Contract; obtain the appropriate insurance coverage and Performance/Payment Bond; and provide their Iowa Department of Labor Public Registration Number 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. A longer period is stated in Doc BB-9 of the specifications due to a carry over of the past project and does not apply to this project.

3. The Notice-to-Proceed shall be issued within five (5) days of the execution of the Contract by the Division. The Notice-to-Proceed will stipulate the initiation of the working days for this contract. 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.

4. The Division has worked out an agreement with the landowner so that construction can begin this summer.

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 the specifications. This should be considered when determining the unit prices submitted in the bid.

Measurement and Payment:

The method to be used in measuring and calculating the payment quantities for each work item set forth in the proposal, is described in the particular section of the specifications in which work to be accomplished under the particular work item is described. Payments will be made on the basis of monthly estimates in amounts equal to ninety-five percent (95%) of the value of work completed. 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:

There are two different completion deadlines as noted on Document CC, the Notice to Bidders. The first completion date is for the earthwork to be completed by **October 31, 2012**. The final date for completion is set for **November 30, 2012**. The reason for the different completion dates is that the state has paid the landowner an incentive to sign up early for this project to allow construction to occur in the summer.

Liquidated Damages:

There are liquidated damages provisions on this project. If the majority of the grading is not completed by October 31, 2012 or if the remaining portion of the contract is not completed by November 30, 2012, the Contactor will be assessed a penalty in the amount of **$14,295.00** to cover the cost that was paid to the landowner to allow for summer construction which also the additional cost to the state if the contract extends beyond the next federal fiscal year.

Questions and Addenda:

Questions concerning interpretation or intent of the Plans and Construction Specifications should be directed to Nick Roethler (515-295-2980). All other questions concerning the Contract Documents should be addressed to Mike Bourland (515-242-6130) at the Division of Soil Conservation.

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 **August 21, 2012**.

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 holders of the Contract Documents and Bid Package. Bidders are required to acknowledge receipt of all addenda by listing such addenda in the *Proposal and Schedule of Prices (Document CC).*

Special Conditions:

There are several unique items about this project that are included in Section GG of the Specifications. The Bidder should become familiar with Section 7 defining the payment limits for buffer seeding, bid item #4 that limits the amount of payment for this item to a maximum amount of **$670.76** per acre.

Review of Construction Specifications by Nick Roethler with the engineering design firm

The specifications and plans were reviewed in the NRCS/SWCD office by engineer who selected items considered of general importance for contractors, as follows:

Construction Specifications, General

- Be sure to review each section carefully.
- Attention should be directed to the last subsection of each specification that addresses the work and construction details associated with the several bid items.
- The bid form directs bidders to the applicable primary specification section for each bid item.
- In addition to the standard purposes mobilization includes pollution prevention, and bonding costs.
- Please be aware of seeding requirements and seeding dates. Approval of seed mix will need to go through District Conservationist Larette Kolbe Pocahontas NRCS/SWCD and I&S Group.

Plan Sheet No. A.01 – Title Sheet

- Noted Project Location.
- Noted table of estimated site characteristics.

Plan Sheet No. A.02 – Site Plan

- Be sure to review all construction notes.

- All of the riprap is to be placed on engineering fabric.
- Topsoil strip depth is 6 inches; topsoil return is 4 inches outside the normal pool, above elevation 1119.50.
- Topsoil strip depth inside normal pool is 9 inches; topsoil return is 6 inches inside the normal pool, below elevation 1190.50.
- During excavation areas where topsoil is to be placed must be over excavated and fill areas should be left short for final topsoil placement.

Plan Sheet No. A.02 – Site Plan continued

- Easement boundary pins are set at white-sleeved posts. If disturbed they must be replaced by the land surveyor who set them at the contractor's expense.
- Access is to be installed north of acreage off of 290th Avenue (N65) approximately 900 feet south of the intersection of 580th Street and 290th Ave. (N65). Contractor is responsible for securing a field entrance permit from Pocahontas County Engineer. See plan note. Measurement and payment for this is included under the bid item Mobilization/ Demobilization, see specifications page IA-8-2. A copy of this permit has been attached to the end of the Engineer's Notes.
- Reviewed location of borrow area's A, B, C, and D (Tile Daylight #5).
- Private Ditch Crossing has been installed by Drainage District Contractor.
- All tile lines found under the structure need to be removed 15' upstream and 15' downstream of structure toe.
- Contractor shall excavate test holes in areas shown to determine if borrow material is suitable for stripping topsoil.

Plan Sheet No. B.01 – Water Control Structure Details (WCS)

- Be sure to review all construction notes.
- Location of stop log storage will be determined by engineer in the field.
- Please review further notes for WCS on sheet D.02. Measurement and payment for this is included under the bid item mobilization/demobilization see specifications page IA.8-2. A copy of this permit has been attached to the end of the Engineers notes.
- Steel Stop Log channel is to be galvanized.
- Shop drawings for WCS are to be submitted to engineer prior to fabrication.
- Location of stop log storage will be determined by engineer in the field.

Plan Sheet Nos. B.02 & B0.3 – Lower & Upper Sheet Pile Structure

- Please review all notes for each detail.
- This wetland consists of two sheet pile drop structures in line the upper and lower structures differ in height and width.
- The means and methods for installing the sheet pile were discussed. See Construction Specification IA-13. The sheet pile must be driven.
- The material specifications for the sheet pile were pointed out. Equal substitutes will be reviewed for acceptance.
- For sheeting requirements on B.02 the MZ15 as shown for Contech should not be listed there. It shall be listed after SZ-10 for Shoreline Steel.
- Certain manufactures sheeting will require differing sections for each wall.
- The sheet pile must reach or exceed the plan outline. It must be cut to plan line where exposed. Payment will be to neat lines.
- Piling lengths shall be sufficient to permit removal of all material that is damaged by driving operations.

Plan Sheet Nos. B.02 & B0.3 – Lower & Upper Sheet Pile Structure continued

- The design sheet piling area is the area of sheet piling shown inside the neat lines.
- Compensation for sheet pile waler, bolts, etc. is included in unit price for sheet pile.
- No protective coating (paint) is required. See Construction Specification IA-81.
- The waler need not be one continuous piece, but it must cover the entire length of the top of the sheet pile. Joints between pieces of waler are to be welded after installation.

- Reviewed Typical Grouted Riprap Detail and discussed that top of riprap and grout elevation.

Plan Sheet No. D.01 – Stilling Basin Plan and Profile

- Areas where riprap is to be grouted were reviewed. Riprap downstream of Sta. 1+25.50 will **NOT** be grouted. A curing compound or other method of covering is to be applied to the surface after the grout is placed. See Construction Specification IA-62.
- Class E Riprap is to be screened over a grizzly or plate screen with a minimum opening of 8 inches.
- Riprap elevation above weir was reviewed.
- End point of riprap reviewed and channel width and slope transition pointed out.
- Locations of tile drain outlets, trench drain outlets and WCS outlet were reviewed.
- Area of channel fill was reviewed.
- The stilling basin must be dewatered before placing engineering fabric. A short dike may be needed for dewatering of the stilling basin to control backwater. This is subsidiary work. See IA-11.
- Discussed that note #2 in box does not apply as no sheet pile installation berm is needed for this installation, please cross this note off on plans.
- The stilling basin downstream of the weir and the berm elevations and widths were reviewed.
- Discussed compaction requirement of Earthfill in dike.
- Discussed location and size of berms upstream of lower sheet pile weir and their purpose is to support piling and they should be installed before driving piling.

Plan Sheet No. D.02 – Water Control Structure

- The purpose of the WCS is to control water levels, which facilitates vegetation growth.
- Please note location of trench drain alignment in regards to WCS outlet and trench drain CMP outlet.
- A concrete water control structure has been specified
- Discussed structure access berm and its purpose.

Plan Sheet No. D.02 – Water Control Structure continued

- SPECIAL ATTENTION IS GIVEN TO THE INSTALLATION NOTES. A dewatered dry trench is required. Note special compaction methods and requirements around the pipe and structure. The compaction of each layer is to be observed and accepted by the Engineer or his representative.
- No rock bedding will be allowed for installation of 18" Tongue and Grove Gasketed Wall B OR C RCP. Rock bedding on this pipe will allow water to migrate along the pipe trench. Rock bedding will be allowed if needed to provide a firm base to set the WCS.
- The inlet apron section and bar guard was discussed.
- Noted the type and locations of the anti-seep collars.
- Notes for WCS were reviewed, along with detail drawings for stop logs, and anti-seep collar.
- Additionally please review all notes for water control structure on sheet B.01.

Plan Sheet No. D.03– Core Trench –Trench Drain Plan and Profile

- The trench drain is to be placed in a porous backfill envelope. See detail.
- The outlets of trench drain are CMP with rodent guards.
- The core trench is 5.0 feet deep, see detail for core trench excavation and cross section.
- Core trench excavation shall be done in presence of engineer. Additional depth may be required to remove poor material. If substantial, a change order is warranted.
- Where there is concern that a tile may be deeper, tile exploration may be required. See Bid Item Drainage Tile Investigation and Removal and IA-9.
- Noted that drain fill for trench drain is paid as a separate item.
- Noted elevations for design and settled fill height on dike.
- Discussed tile observation riser note, detail and arrow which indicates to search for tile in this area.
- Discussed that tile lines found under the structure need to be removed 15' upstream and 15' downstream of structure toe.

- Discussed tile observation riser note and arrow which indicates to search for tile in this area.

Plan Sheet Nos. D.04 –D.05 – Tile Daylight #1, #2, #3 & #4, #4A

- Contractor is to locate tiles near the anticipated end of the daylights prior to engineer staking the daylight. This is part of Bid Item 6. Contractor shall locate tile and verify size and grade with the engineer before installations.
- Called attention to details for Typical Tile Outlet Plunge Pool. The size of plunge pool is based on the size of tile outlet. These are to be excavated before topsoil is placed.
- Day lighted tile are to have an animal guard installed. These are subsidiary to the pipe installation.
- Tile Daylight #1 and Tile Daylight #2 outlet into Borrow Area A.

Plan Sheet Nos. D.04 –D.05 – Tile Daylight #1, #2, #3 & #4, #4A continued:

- Called attention to Tile Daylight #1 which details a relay the outlet tile and installation of a collector line near the easement. Contractor shall also locate tile near edge of easement before installations.
- Called attention to Tile Daylight #2 profile which details a short relay the outlet tile.
- Called attention to Tile Daylight #3 (Borrow Area C) plan as a black arrow needed to be shown at approx. Sta 1+60. This daylight requires a short relay of the outlet tile.
- Profile for "Tile Daylight #4 A&B" should read "Tile Daylight #4 & #4A".
- Called attention to Tile Daylight #4 and 4A as two tile are present at this location and two tile outlets need to be installed. These daylights require also detail short relays of the outlet tile.
- No tile outlet plunge pool is required on tile #4 & #4A.

Plan Sheet No. D.06 – Tile Daylight #5

- Tile daylight for Sub Main A and Sub Main A Tile has been excavated by the DD48&81 Drainage Contractor and will be inside of Daylight #5 Pool or Borrow Area D.
- Day lighted tile are to have an animal guard installed. These are subsidiary to the pipe installation.
- If contractor locates unknown tile they shall verify location and elevation with engineer prior to out letting them and these tile are also to have an animal guard installed.
- Called attention to Tile Daylight #5 profile which details a relay of 18" Dual Wall to the outlet location.
- This plan also has notes and a typical detail for a Surface Water Diversion Berm that is to be constructed along the east side of Tile Daylight #5 Borrow D. The area outside of the berm shall be graded to drain positively to the southeast.
- The area 20 feet from the toe of Surface Water Diversion Berm slope is to be seeded and fertilized as structure seeding see note under typical detail.
- Reviewed area at west end of Surface Water Diversion Berm that is to be graded at 10:1 slopes to allow surface water to enter into the wetland pool.
- Tile Daylight #5A and #5B were reviewed and they will need to be located the elevation shall be verified with the engineer prior to installing the CMP outlets.
- Day lighted tile are to have an animal guard installed. These are subsidiary to the pipe installation.
- Outlet Ditch for Sub Main A has been constructed by DD48&81; no further work by the Drainage District Contractor will be done in this area.
- Open ditch work and open ditch seeding inside the ditch banks south of Tile Daylight #5/Borrow Area D will be done by as part of the DD48&81 construction contract.

Plan Sheet No. D.07 – Pool Grading Plan

- Notes on sheet were reviewed.
- Pool grading was reviewed. Contractor may deviate from finish elevations shown to perform borrow excavation with prior approval.
- General Elevations and shape of Borrow Areas must be met upon completion of site grading and a "rough" or rolling finished surface was discussed.
- Please note finish elevations and slopes as noted.

- Pool Fill Area and Pool Fill Typical Section was discussed.
- Borrow Test Holes were discussed as this work is to be done with engineer present prior to stripping topsoil to determine suitability of borrow material.
- Pool Fill/Borrow Area Chart was discussed and it is supplied only for reference in bidding as noted.
- Pool grading was reviewed. Contractor may deviate from finish elevations shown to perform borrow excavation with prior approval. General Elevations and shape of Borrow Areas must be met upon completion of site grading to ensure the adequate area of pool.

Additional Meeting Discussion Topics

- I&S Group will provide construction staking as need during construction for major activities.
- The availability of an electronic copy of the site plan was discussed. I&S Group will make this available to those who request it and sign a waiver.
- Seeding Dike & Channels. Construction Spec IA-6 calls for applying seed with a drill. Engineer will consider alternative means of applying seed and mulch if requested by contractor with supporting information. Hydroseeding of dike and channel with a mixture of seed and mulch will be accepted. Mulch is specified for both structures and the channels.
- Buffer Seeding. Payment is capped at $670.76 per acre. Higher bids will be reduced to this amount. It was advised to not bid higher. See Special Conditions Section 7, paragraph 7-02 on page GG-4. IDALS has requested that the Pocahontas District Conservationist review the easement to determine if any areas of steep slopes will not be reseeded, this may lead to a reduction in the Buffer Seeding quantity which will be adjusted during construction.
- Note the seeding period requirements in IA-6.
- Although drilling is preferred and specified, considerable leeway will be given toward broadcast seeding with means and method to achieve desired result first proven to engineer. Broadcast or hydro seeding is specified in areas not accessible with a drill.
- No mulch required in buffer seeding.
- Access is allowed to the property as shown on plan sheet A.02. Contractor will be required to restore rutted and/or damaged vegetation in the access paths.
- Pollution prevention was discussed. Engineer will not specify work. Contractor is responsible to comply with the law. The IDNR has waived the need for a storm water discharge permit. Temporary seeding with oats and placement of silt fence downstream of the structure toes were discussed as likely compliant practices. Engineer used 800 feet of silt fence in preparing the estimate. See IA 5-3 for note.
- Davis Bacon wage rates do not apply to this project.
- A copy of the Pocahontas County Application for Entrance Permit is attached to this document.

Site Visit Notes

- Work on the tile portion of the Drainage District project is underway by Rognes Bros. Excavating, Inc. The private ditch crossing is already in place as shown on Sheet A.02 along with the open ditch on the west end of the CREP wetland project.
- A lot of area is already established in CRP but does not contain many forbs. After discussions with NRCS, it is agreed to leave the existing CRP vegetation in place and interseed all undisturbed areas within the easement above the normal pool elevation with forbs. This is addressed in Addendum No. 1.
- All disturbed areas and previous row crop areas located above normal pool will be seeded with the full CRP mix except for designated structural areas where brome grass is to be placed.

APPLICATION FOR PERMIT

Date:_____

(☐ ENTRANCE CONSTRUCTION-SELF) or (☐ ENTRANCE WIDENING-SELF)

Landowner Name:_____ Contact Name:_____

Address:_____ Address:_____

_____ _____

Phone No.:_____ Cell No.:_____ Phone No.:_____ Cell No,_____

I hereby apply for a permit to construct or widen an entrance and agree to do the work in accordance with the terms of this permit and applicable specifications.

Location: Township:_____

Between sections:_____ Side of road:_____

Road Project No.:_____ Rod No.:_____

Location along road that entrance is requested:_____

_____

_____

Signature of Landowner or his Representative

PERMIT

If widening, indicate to which side(s):_____ and how many feet:_____ Width of RoW:_____

Culvert type: (☐ CMP) or (☐ Concrete) If Dry Fill, base width of ent.:_____

Cost: Permit fee = $ 25.00

_____" dia. culvert (if purchased from the County):_____ feet x $_____ per foot = $_____

_____" dia. band(s) (if purchased from the County):_____ each x $_____ per band = $_____

TOTAL AMOUNT = $_____

Date of Payment:_____

Date Inspected:_____ Inspected by:_____

1) The entrance shall be located as above noted.
2) The culvert (if any) shall be laid in the bottom of the road ditch so that it does not impair drainage of the road ditch and to a neat and suitable line and grade.
3) When extending an existing culvert, dirt shall be removed, if necessary, so that the culvert extensions can be laid to the same line and grade as the existing culvert.
4) The entrance fill or widening fill shall be constructed using soil material; rocks, rubble, junk, debris, etc. are not permitted as fill material. Unless otherwise permitted, fill shall not be obtained from the road ditch.
5) The sideslopes of the entrance fill shall be constructed no steeper than 1½ feet horizontal for each 1 foot vertical. Top width of the entrance equals approximately the base width (or culvert length) minus 3 times the ditch depth.
6) The finish grade shall be constructed to a straight line from the road shoulder to the natural ground at or beyond right of way (fence line). Pocahontas County will provide and place granular surface material between the shoulder and RoW. The entrance fill should be constructed to a grade approximately 3 inches below finish grade in this area.
7) The Landowner shall hold Pocahontas County harmless from any damages caused by the Landowner's, or his contractor's, operations involved in constructing this entrance or widening.
8) If the entrance construction or widening does not comply with the provisions of this permit, the Landowner will be required to make the necessary changes to bring the entrance into compliance with this permit, or remove the entrance/widening and restore the road ditch to its original condition.
9) The completed entrance (or widening), including culvert, shall become the property of Pocahontas County and will thereafter be maintained by Pocahontas County. Ordinarily, Pocahontas County will seed the sideslopes when it is the proper season for planting grass.
10) Additions or changes in the requirements for this entrance:_____

_____

_____

_____

County Engineer

POC903105B CREP Wetland Project
Pre-Bid Meeting Attendance List

Nick Roethler
I&S Group
1609 US HWY 18E
Algona, IA 50511
Ph: 515-295-2980

Mike Bourland
IDALS-DSC
Water Resource Bureau
502 East 9th Street
Des Moines, IA 50319
Ph: 515-242-6130

Jim Snapp
Deer Valley Land Improvement
PO Box 555
Cherokee, IA 51012
Ph: 712-443-8856

Dan Inbody
Peterson Contractors, Inc.
PO Box A
Reineck, IA 50669
Ph: 319-345-2713

Lee Woodson
Reilly Construction
Bobx 99
Ossian, IA
Ph: 563-532-9211

Jerry Rognes
Jerry Kester
Rogness Bros Excavating
PO Box 86
Lake Mills, IA 50450
Ph: 641-592-8932

CREP WETLAND PLAN LIST

POC903105B	CONTACT1	CONTACT2	COMPANY NAME	ADDRESS1	ADDRESS2	CITY	ST	ZIP CODE	PHONE #	E-MAIL1
x	Mike Bourand, P.E.		IDALS-DSC	502 East 9th Street		Des Moines	IA	50319	515-242-6130	mike.bourland@iowaagriculure.gov
x	Nicholas J. Roethler, P.E.		I&S Group	1609 US Highway 18 E		Algona	IA	50511	515-295-2980	nick.roethler@is-grp.com
x	Shawn Richmond		IDALS-DSC	502 East 9th Street		Des Moines	IA	50319	515-281-7032	
x			Pocahontas SWCD	600 W Elm Street		Pocahontas	IA	50574	712-335-4790	
x	Chad Lund		Lund Construction	1300 N. Arthur Avenue, PO Box 181		Eagle Grove	IA	50533	515-448-4398	lundcons@goldfieldaccess.net
x	Tom Joy		Joy Dirt Construction	202 State Street	PO Box 185	Cushing	IA	510180185	712-384-2700	jdc@ruralwaves.us
x	Dean Quirk	Holly Quirk	Spring Lake Construction	4123 NW 95th Place		Polk City	IA	50226	515-965-6093	springlake@q.com
x	Chuck Covell		Reilly Construction, Inc	110 East Main Street	PO Box 9	Ossian	IA	52161	563-532-9211	ccovell@reilly-construction.com
x	Jesse Steger	Paul Steger	Steger Construction, Inc.	3297 Vine Road		Dyersville	IA	52040	563-875-7876	plsteger@iowatelecom.net
x	Dave King	Meghann King	King Construction	109 Melrose Street	PO Box 3	Wall Lake	IA	51446	712-664-2918	kings@netins.net
x	John Healy		Healy Excavating	3483 Perkins Avenue		Lakeview	IA	51450	712-665-4500	johnhealy@netins.net
x	Craig Kinzie		Reilly Construction, Inc	110 East Main StreetPO Box 99		Ossian	IA	52161	563-532-9211	ccovell@reilly-construction.com
x	Josh Hanke		Hanke Construction	2589 430th Street		Little Cedar	IA	50454	641-983-4443	jhanke21@hotmail.com
x	Dale Ingraham	Brett Ingraham	Ingraham Construction, Inc.	131 Second Street	PO Box 515	Webster City	IA	50595	515-832-9958	ingrahamconst@windstream.net
x	Eric Christian	Paul Christian	Christian Brothers Excavating, LC	2070 485th Street		Sioux Rapids	IA	50585	712-283-2496	cbesiouxrapids@gmail.com
x	Brent Baskerville		Midwestern Culvert Ltd	1114 S E Lorenz Dr		Ankeny	IA	50021	515-964-0497	brent@midwesternculvertltd.com
x	Cork Peterson		Peterson Contractors Inc.	104 Blackhawk Street	Suite A	Reinbeck	IA	50669	319-345-2713	cork@petersoncontractors.com
x	Jim Snapp		Deer Valley Land Improvement, Ltd.	PO Box 555		Cherokee	IA	510120555	712-443-8856	firststreet@netins.net
x	Justin Lechtenberg		Reilly Construction, Inc.	110 East Main Street, PO Box 99		Ossian	IA	52161	563-532-9211	justin@reilly-construction.com
x	Harvey Rognes	Jeremy Rognes	Rognes Bros. Excavating	PO Box 86		Lake Mills	IA	50450	641-592-8932	harvey@rbexc.com
x	Steve Molsad		Charlson Excavating Company	4111 7th Avenue North	PO Box 6	Clear Lake	IA	50428	641-357-5601	emolstad_cec@netins.net
x	Bob Cole		Cole Excavating, Inc.	10471 Packard Avenue		Greene	IA	50636	641-823-4700	angcoleexc@chooseblue.coop
x	Dan Tunis		Metal Culverts, Inc.	2107 Rear Missouri Blvd, PO Box 330		Jefferson City	MO	65102	573-636-7312	dan.tunis@metalculverts.com