

ADDENDUM NO. 1

to
Specifications and Contract Documents
for

WQI Wetland Project, CAL883416C
Calhoun County, Iowa

February 20,
2025

FROM: WHKS & Co.

The bidder shall make the following changes, modifications and additions to the pertinent sheets, pages and paragraphs of the specifications and drawings, and shall take the same into consideration in the bid prices:

SPECIFICATION ITEMS:

Special Provisions: Lift Station

1. Bidders shall replace the first two sentences of Section 1.1 Scope with the following:

"The basis of design for the lift station is submersible pump model 6NNT by Cornell Pump Company, Clackamas, Oregon. The lift station shall be capable of providing a minimum of 1,350 gallons per minute at 22.3 feet of total dynamic head that allows for variable pump rates."

2. In the last line of the second paragraph of Section 2.1 Submersible Pumps, bidders shall remove the words "pre-approved".

3. Bidders shall replace Section 2.2 Electrical with the following:

"All electrical devices called for in these plans and specifications shall be furnished and installed and connected for operation by the Contractor. The Contractor should bid the electrical such that the landowner will work with the power company to bring the three phase, 480 volt power supply to the control panel for the pumps. Electrical devices shall meet the requirements specified herein."

4. Bidders shall replace Item 2.3.J in Section 2.3 Supervisory and Pump Controls with the following:

"J. One alarm system consisting of an automatic telephone dialer and relays. Upon detection of any alarm condition, the unit shall commence dialing the first of four user selected phone numbers and deliver a message describing the alarm condition. The message shall be delivered in an electronic synthesized voice. The unit shall contain an adjustable delay of 0-40 seconds. If the alarm or trouble condition is cleared within the delay time, no calls will be made. An alarm acknowledge push button shall be included in the dialer."

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The dialer unit shall continue to call the phone numbers in succession until acknowledged by calling the unit back or by depressing a touch-tone key. Once acknowledged, the unit shall enter a programmable intercall delay to allow the alarm condition to be attended to before beginning notification again. All communications shall utilize standard telephone lines; no leased or dedicated lines shall be required. Alarm systems using cellular or radio communication systems shall not be permitted.

Power requirements for the dialer are 115 VAC, 60 Hz. with rechargeable battery backup and a recharging circuit. The standby capacity shall be sufficient to sustain the system for 4 hours after power failure.

The Contractor shall furnish and install relays to convey each alarm signal listed above from the existing control panel to the dialer. The contractor shall provide a schematic wiring diagram of proposed control panel and relay modifications for review by the Engineer prior to installation.

Junction boxes and other enclosures inside the lift station dry well shall be housed in a wall mounted NEMA 4X enclosure, minimum 12-gauge stainless steel construction, tamperproof and provided with padlock.

Dialer shall be Microtel 4 Channel Dialstat, or equal.”

5. Bidders shall replace Item 2.3.K in Section 2.3 Supervisory and Pump Controls with the following:

“K. The following alarms, as a minimum, shall be made available for connection to the monitoring equipment:

Utility Power Fail
Control System Fail
Pump 1 Seal Fail
Pump 1 High Temp
Pump 2 Seal Fail
Pump 2 High Temp
High Wet Well Level
Low Wet Well Level “

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6. In the third line of the third paragraph in Section 2.3 Supervisory and Pump Controls, bidders shall remove the words "as well as a 200 amp automatic transfer switch".
7. Bidders shall add item 2.3.N to Section 2.3 Supervisory and Pump Controls as follows:

"N. Equipment pad for control panel shall be incidental to the bid unit price. Control panel shall be located within a 15-ft radius of the lift station, and all components must be installed above the minimum protection elevation of 1199.50'."

PLAN ITEMS:

Sheet C-6: Wet Well Lift Station Plan & Profile

1. Bidders shall add the following Item 5 to the Wet Well Lift Station Detail Notes:

"5. Junction box shown shall be installed above ground. Electrical contractor to coordinate exact location."
2. Bidders shall replace "12" DISCHARGE" label with "6IN DISCHARGE" label at the bottom of the Wet Well Lift Station Detail.
3. Bidders shall replace "12" 90° ELBOW" label with "6IN x 12IN 90° REDUCING ELBOW" label at the bottom of the Wet Well Lift Station Detail.

ADDITIONAL BIDDER QUESTIONS:



1. Question: Required feeder and conduit size supplying control panel equipment? Does the contractor source the control panel? If so, is there a preferred manufacturer?

Response: These items are not specified, and it is up to the electrical contractor to determine.

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2025

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.	
	 P.E.	2-20-2025
	Meghan M. Funke	Date
	License Number: <u>27166</u>	
My license renewal date is: <u>December 31, 2026</u>		
Pages or sheets covered by this seal: <u>ALL</u>		

CALHOUN COUNTY WETLAND PROJECT
CAL883416C - BID NO. 25-02
PREBID MEETING
February 11, 2025 - 1:30 PM

Introduction:

1. Tracy Bruun, Division of Soil Conservation and Water Quality (Division) opened the meeting and introduced:
 - Mike Bourland, Engineer with Division
 - Jess Dunagan, WHKS & Co
 - Jeff Kestel, Wetland Field Specialist-IDDA
 - TJ Lynn, IDALS & Jeremy Viles, USDA-NRCS
 - Mark Schleisman, landowner
 - Others: See sign-in sheet attached
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. In addition to this one, there is one in Wright County, and two in Kossuth County.

Bidder's Qualifications:

All Bidders shall meet the following qualifications:

1. Contractors are required to be registered with the Iowa Department of Inspections, Appeals & Licensing (formerly 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 24**, note that item 24 is for Crop Damages and is a place holder. Do not enter an amount here when submitting your bid. 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 **February 19, 2025**. 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 25-02**, 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, for all 4 sites, 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 **March 5, 2025**. 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. On that same day in Conference Room 2 of the Wallace State Office Building we will begin opening bids at 3:10.

3:10	Wri912431B	25-01 Cummins
3:30	Cal883416C	25-02 Schleisman
3:50	Kos952921C	25-03 Kohlhaas
4:10	Kos953027D	25-04 Laubenthal

- You may withdraw a bid until the scheduled bid opening time.

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 Calhoun 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 Calhoun 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 Calhoun 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 **November 1, 2025**. The final date for completion of seeding is **December 15, 2025**.

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, 2025 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, 2025 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 1412 6th Street SW, P.O. Box 1467: mfunke@whks.com with WHKS & Co 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 February, 19 2025**.

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 by Jess Dunagan, WHKS & Co

Portions of the plans and specifications are being highlighted but the contractor should carefully review the plans and specifications prior to bidding and note all incidental items.

Plan Sheet R-1

Note the existence of farm tile lines within the project. Locations and elevations of existing tiles have been determined by field investigation during the preparation of the plans. Tile investigations occurred at the approximate locations where the proposed tiles will connect to the existing tiles.

Plan Sheet C-1

Note the presence of the deep pools within the wetland. These pools will be utilized by the Owner for the purposes of irrigation. It is intentional that these pools remain separated due to requirements with the Topeka shiner.

Note the existing channel maintenance spoil berm at the top of both banks along the Northern portion of the drainage channel. This spoil pile shall be spread evenly within the flood plain during construction.

As required by floodplain permitting, the proposed project spoil pile in the northeast portion of the project must be set back 150ft from the edge of the existing drainage channel. Additionally, the proposed embankment must be set back 100ft from the edge of the existing drainage channel.

Plan Sheet C-3

Note the presence of the aluminum toe wall structure. It is the intent of this structure to function as a multi-stage weir to allow the passage of normal and flood flows. Details for this structure are located on sheets S-4 to S-6.

Plan Sheet C-4

Armoring for the channel just downstream of the aluminum toe wall shall extend the full length of the channel including wrapping around the outer bank of the existing channel for erosion protection.

The proposed channel is intended to discharge with the flow direction of the stream and shall not be constructed to discharge at a 90-degree angle.

Property on both sides of the drainage channel is owned by the same Owner.

Plan Sheet C-6

Note the reference to maintaining 2ft of ground cover above the pipe in the upper right corner of Sheet C-6.

Note that the pump control panel must be set at the designated elevation to be maintained above flood elevations.

The inlet pipe for the wet well structure shall be installed as directed by the engineer. The exact conditions of the stream at the tie-in location are not well known, and installation may involve the excavation of a small pool and minor deviations from the detail.

Construction Spec IA-1

Note that the bid item for Crop Damage is blocked out. Crop damage will be measured by the engineer in the field. The contractor will make payment to the landowner as determined by Division. This payment will be added as a change order to the contract.

Construction Spec IA-6

Note the seeding windows for the individual seed mixes required for the project.

Note that weed control will be determined when needed and added as a change order to the contract. The landowner plans to seed the portion of the easement area that is typically row cropped with oats this spring.

Construction Spec IA-8

Note that sign installation is incidental to this item.

Construction Spec IA-11

Note that all dewatering required for the project is incidental.

Construction Spec IA-21

Note which items are considered incidental: Borrow Excavation & Structure Excavation

Construction Spec IA-23

The excavation items (Topsoil, Embankment, and Excavation) are all plan quantities. The basis of

calculation and the assumed shrinkage factors can be found on sheet A-2 in the plans

Note that "Backfill Required Excavation" for backfilling of items, including piping or structures, is incidental.

Construction Spec IA-31

All concrete work required for the project is incidental.

Construction Spec IA-46

Incidental items include the drain tile for both the tile reconstructions and the 4" toe drain for the embankment, as well as the stop log structure.

Construction Spec IA-51

Incidental items include CMP aprons, bends, water-tight coupling bands, and the drainage diaphragm.

Construction Spec IA-81

Note Item 6 for the special provisions regarding the aluminum toe wall

PRE-BID MEETING QUESTIONS AND ANSWERS:

Question: Does IDALS have a specification for how the sign on plan sheet S-7 shall be fabricated?

Answer: The sign will be provided by IDALS to the Contractor for installation. The sign must not be placed within the right-of-way, and the location of the sign will be determined during construction.

Question: Is there a specific stop log structure supplier desired for the project?

Answer: There is no specific supplier required. Past suppliers have been Contech and Midwest Culvert.

Question: Is the pump for the wet well pump station included in the cost?

Answer: There are two pumps required for the wet well pump station, and they are included as part of the cost of lump sum item 21, "Wet Well Lift Station." Refer to the special provisions in the construction specifications on the type of pump, capacity, etc.

Question: Where is the excess material to be spoiled, and can it be spoiled in a different location than planned?

Answer: Contractors shall bid on the project with the anticipation that the spoil material will be placed at the Northeast portion of the project as indicated on sheet C-1. IDALS indicated to the Owner that if the material is desired in an alternate location, this may be worked out in the field between the Owner IDALS and the Contractor.

Question: What will need to be provided to the landowner and the NRCS field office?

Answer: As-built documentation will be provided to the Owner and the NRCS field office following the completion of construction. As-built drawings are to be completed by Engineer.

Pre-Bid Meeting Sign-in Sheet

February 11, 2025 at the American Legion Hall
 Bid No.: 25-02

1:30 PM

Project ID: Cal883416C 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 Mike Bourland	Division	502 E. 9th St., Des Moines IA 50309	mike.bourland@iowaagriculture.gov	515-242-6130
3 Louis Grogan	Laser Precision	5415 14th ave. Mt. Auburn IA	Groganl@hotmail.com	319-560-4419
4 Chris Grose	JNC Construction	609 3rd St Clearfield IA 50840	cgrosejnc@gmail.com	515-577-2066
5 Adam Vonnahme	Vonnahme Construction	23087 110th St. Carroll, IA 51401	adamven4382@gmail.com	712 830 4453
6 Jess Hansman	Hansman Dozing	24460 230th St. Carroll, IA 51401	hansmandozing@gmail.com	515-419-5127
7 Bruce Blair	B&B Hilney	3260 Fletcher ave lake city IA	Bruce Blair 68@gmail.com	712-210-3049
8 John Healy	Healy Excavation	3483 Pirtia Ave Lake View	johnhealy@netins.net	712-850-9179
9 Kelly Connors	Three oaks Inc.	515 S Flynn St north sioux city SD	Kelly@threeoaksinc.com	712-251-1767
10 Kyle Graves	Three oaks Inc.	515 S Flynn St north sioux city SD	Kyle@threeoaksinc.com	712-223-6809
11 Larry Landfair	Allied Systems		larry@asidsm.com	515-238-7559
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X	Aaron Crane	Aaron Crane Construction LLC	1833 120th St	Manchester	IA	52057	563-920-1250	arcrane1250@gmail.com
X	Larry Landfair	Allied Systems Inc	2200 Douglas Ave	Des Moines	IA	50313	515-238-7554	larry@asidsm.com
X	Brice Blair	B & S Tiling and Excavation	3260 Fletcher Ave	Lake City	IA	51449	712.210.3049	briceblair08@gmail.com
X	Lenea Jennings	Central Specialties Inc	6325 County Rd 87 SW	Alexandria	MN	56308	320-762-7289 x 280	leneaj@centralspecialties.com
X	Ryan Kipp	CJ Moyna & Sons, LLC	24412 Hwy 13	Elkader	IA	52043	563-245-1442	RKIPP@cjmoyna.com
X	Jeremy Cole	Cole Excavating, LLC	122 N. 2nd Street, P.O. Box 617	Greene	IA	50636	641-823-4700	office@coleexcavating.com
X	Randy Sines	Doyle Construction	516 N 6th St	Fort Dodge	IA	50501	319.215.8959	rsines@doyleconstruction.net
X	Michael Erpelding	Engineered Farm Drainage	1602 210th St	Algona	IA	50511	515-341-6280	engineeredfarmdrainage@gmail.com
X	Kalvin Flenker	Flenker Excavtion, LLC	203 W 1st ST	Long Grove	IA	52756	563.370.3291	kpflenker@gmail.com
X	Randy Fahr	Gehrke, Inc	1405 21st Ave	Eldora	IA	50627	641-858-3821	rfahr@gehrkeinc.com
X	Bryce Dooley	Ground Solutions Seeding	3280 230th St	Sac City	IA	50583	712.210.6432	groundsolutionsseeding@gmail.com
X	Jess Hausman	Hausman Dozing LLC	24860 230th ST	Carroll	IA	51401	515-419-5727	hausmandozing@gmail.com
X	John Healy	Healy Excavating	3483 Perkins Avenue	Lakeview	IA	51450	712-830-9179	johnhealy@netins.net
X	Mason Tieskoetter	JB Holland	2092 State Highway 9	Decorah	IA	52101	563-382-2901	mtieskoetter@jbhc.biz
X	Chris Grose	JNC Construction LLC	609 3rd St PO Box 46	Clearfield	IA	50840	515.577.2066	cgrosegnc@gmail.com
X	Louis Guynn	Laser Precision	5415 19th Ave	Mt Auburn	IA	52313	319-560-4419	guynnllc@hotmail.com
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	4100 Westwon Pkwy	West Des Moines	IA	50266	712-276-3681	jknudson@mbi.build
X	McCarty	McCarty Custom Tiling & Excavation	1760 440th Street	Linn Grove	IA	51033	712.260.2773	mccartycustominc@gmail.com
X	Jesse Merryman	Merryman Bridge Co	2019 Irvington Rd	Algona	IA	50511	515.341.4740	jd51merryman@hotmail.com
X	Quinten Pfeiffer	Newt Marine Service	5 Jones St	Dubuque	IA	52001	563.542.8832	qpfeiffer@newtmarine.com
X	Matt Bohlen	Peterson Contractors Inc.	104 Blackhawk Street	Reinbeck	IA	50669	319-245-2713 x217	matt@pci.us.com
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X	Logan Van Dyke	Iowa Earth Doctor						iowaearthdoctor@gmail.com
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X	Mike Bourland	IA Dept of Ag & Land Stewardhsip	502 E 9th St	Des Moines	IA	50319	515-242-6130	mike.bourland@iowaagriculture.gov