

OWNER: Northern Kentucky Water District

ENGINEER: Wade Trim, Inc.

PROJECT: Ohio River Pumping Station Number 2 Structural Rehabilitation

DATE: June 22, 2016

SUBJECT: ADDENDUM NO. 1

The information contained in this Addendum supplements the information provided in the original bid documents. This, and any subsequent addendums, is considered an integral part of the Contract Documents for this Project. The Contractors are responsible for all contents of this Addendum, including any and all attached and provided files (hard copy or electronic) and will consider all of this information in the development of their firm bid price.

The following is a list of attachments that encompasses addendum number 1. This addendum will be sent via email.

- "NKWD_Addendum_1.pdf"

Prepared By:
Wade Trim, Inc

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1. **Prebid Meeting Agenda and Summary of Questions**

- a. The Prebid meeting summary, sign-in-sheet, and summary of questions asked at the Prebid meeting are included as **Attachment A**

2. **Questions Received after Prebid Meeting**

- a. Responses to a number of the questions that have been received in writing since the Prebid meeting are included as **Attachment B**

Prepared by:

Wade Trim, Inc

Attachment A

Prebid Meeting Summary, Sign-in-sheet, and Summary of Questions



**Pre-Bid Meeting Summary
Ohio River Pump Station Structural Rehabilitation Project
June 15, 2016 at 10:30 AM**

On Wednesday, June 15, 2016, a Pre-Bid Meeting was held at the Ohio River Pump Station #2. The following people were in attendance:

<u>NAME</u>	<u>ORGANIZATION</u>
Bob Hendricks	C&B Marine
Don Wilkins	Marine Solutions
Will Kennedy	Aquarius Marine
Robert Bigi	PMC Professional Marine
Tracy Watts	Rain For Rent
Brian Petty	Allied
Brad Miller	Building Crafts
Marty Zalla	Building Crafts
Jeff Schuchter	NKWD
Jenna Canafax	NKWD
Bill Speier	NKWD
Ken Kamper	Wade Trim
Brad Barber	Wade Trim

The following items were discussed:

1. Introductions

Ken Kamper welcomed everyone to the meeting and started introductions, followed by an overview of the project.

2. Project Overview and Schedule

A. District: Jeff Schuchter, P.E., Engineering Manager

Office: 859.426.2703
Email: jschuchter@nkywater.org

B. Engineer: Kenneth Kamper, PE; Wade Trim, Inc.

Office: 513.598.6400
Email: kkamper@wadetrim.com

2. Project Description

A. Refer to attached project description below. This description is not all-inclusive. It is the responsibility of each contractor to become familiar with the plans and specifications of ALL work associated with this project and prepare their bids accordingly.

B. Work included in this contract will include but not necessarily be limited to select demolition of existing windows, loose mortar, broken/damaged foundation block,

Wade Trim, Inc. 513.598.6400
895 Central Avenue 513.381.3243 fax
Suite 830
Cincinnati, OH 45202

concrete structures, mechanical equipment, piping and various appurtenances; installation of a new concrete floor with appropriate appurtenances; installation of a new trash rack, influent sluice gate, and inlet suction valve; repair of foundation mortar and block; installation of 16 semi-circular and rectangular windows; installation of new FRP ladders and platforms; minor rough and finished carpentry to install a new section of wall with a fixed window; installation of a new motor operated damper and louver with controls; new lighting and miscellaneous electrical; and painting and other activities for a complete and operable project.

3. Contract Documents

Each Bidder must be registered as a plan holder with the Issuing Office or Engineer on record in the advertised "Invitation to Bid". There shall be no substitution of bidders without proper registration with the Issuing Office or Engineer on record in the advertised "Invitation to Bid."

4. Addendums

The cost of all work associated with any addendums shall be included in the firm lump sum price for the Contract. An addendum will be issued following this meeting that addresses any questions that are raised during the field view. All addendums will be issued as .pdf files and transmitted via email to the designated Contractor contact.

5. Bid Submission Requirements

Bids will be received by the NKWD at their main offices located at 2835 Crescent Springs Road, Erlanger, KY 41018, until 2:00 PM EST on Thursday, June 30th, at which time they will be publically opened, read aloud and tabulated. The bids are scheduled to be presented to the NKWD Board at its regularly scheduled meeting at 12:30 PM on Thursday, July 21st.

All bidding documents are to be provided in an opaque, sealed envelope with the following information plainly visible on the outside:

- Contractor's Name and Address,
- Date,
- Ohio River Pumping Station Number 2 Structural Rehabilitation

The Contractors must submit the following with their bids:

- A. *Section 00 0300: Bid Form* – All prices are to be shown in both words and numbers. The price shown in words shall govern in case of a discrepancy.
- B. *Non-Collusion Affidavit* – The Non-collusion Affidavit is included in the Bid documents.
- C. *Bid Bond*: Each Bid must be accompanied by Bid security made payable to Owner in an amount of 10 percent of Bidder's maximum Bid price and in the form of a Bid Bond

(on the form attached) issued by a surety meeting the requirements of paragraphs 5.01 and 5.02 of the General Conditions and shall be rated "A" by AM BEST.

- D. *Residency Acknowledgement:* The Bid shall identify whether the Bidder is a resident or nonresident bidder for purposes of Kentucky's reciprocal preference statute (KRS 45A.490 to 45A.494 and 200 KAR 5:400). If the Bidder is claiming a "resident bidder" status as defined in KRS 45A.494(2), the Bid shall include a properly executed and notarized affidavit affirming that it meets the criteria to be considered such a resident bidder.

6. Bidder Requirements

To demonstrate Bidder's qualifications to perform the Work, within five (5) days of Owner's request, Bidder shall submit written evidence such as financial data, previous experience, present commitments, and such other data as may be requested by Owner. Bidders who have not, in the Owner's opinion, had sufficient experience in the size and type of work involved may not be considered.

Each Bid must contain evidence of Bidder's qualifications to transact business in the State of Kentucky or covenant to obtain such qualifications prior to award of the Contract. The Bidder's Organization Number from the Kentucky's Secretary of State and principal place of business as filed with Kentucky's Secretary of State must be included where applicable.

7. Bid Evaluations

The low responsive, responsible bidders will be evaluated based on the following information submitted:

- A. Whether or not the Bid complies with the prescribed requirements, and provides such alternates, unit prices and other information or data as may be requested in the Bid Form or prior to the Notice of Award.
- B. The qualifications of the Bidder.
- C. If the Bidder maintains a permanent place of business.
- D. If the Bidder has adequate personnel, plant and equipment to perform the Work properly and expeditiously.
- E. Bidder's financial status to meet all obligations and incidentals to the Work.
- F. Whether the Bidder has appropriate technical expertise and experience.
- G. Bidder's performance record.
- H. The amount of the TOTAL BASE BID, exclusive of any additive alternates, if applicable. Any additive alternates will be considered after selection of the

lowest Total Base Bid. Each additive alternate will be considered and selected or not selected individually, at Owner's discretion, for inclusion in the work.

Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders to perform the Work in accordance with the Contract Documents, including, without limitation, a Bidder's claim that it is a resident bidder for purposes of Kentucky's preference statute.

Bids will remain open and subject to acceptance 120 days from the Bid Date. The successful contractors will be required to enter into an agreement with the Northern Kentucky Water District and provide the necessary insurance and bonds prior to commencement of the Work.

8. Project Funding

The funds for this project are held by the Northern Kentucky Water District and are available for this Project.

9. Special Project Requirements

A. *Maintaining Plant Operations:*

- The facility is currently operating. Ensure construction activities do not interfere with Owner's operation of facility. Planned shut-downs may be permitted. Contractor must notify Owner at least seven (7) days in advance of any shut-down. During periods of high water demand the Owner may not allow any shutdowns. From May 1st through October 31st, the ORPS2 must remain in service to meet customer demand. Contractor may be allowed day length shutdowns during this period of the year. Day duration shutdowns would be considered less than 8 hours, and only allowed between the hours of 8:00 a.m. and 4:00 p.m., with the facility back at full capacity following the shutdown. From November 1st through April 30th, the ORPS2 may be shut down for longer periods of time to allow the Contractor to complete the work. Longer duration shut-downs must be coordinated with the Owner, and be during periods of low water demand. The Owner is prepared to remove the facility from service for three (3) months, beginning January 1st through March 31st, at which time the facility will be ready to begin normal operation.
- All construction activities must be coordinated with the Owner and their operations staff. A suggested construction sequencing was provided for some of the Project activities. This plan is for the contractor's information however the Contractor is ultimately responsible for submitting a formal sequencing plan to the Engineer and Owner for review prior to commencing those construction activities.

B. *Safety and Security:* the successful contractor(s) will be responsible for construction site safety; security of their materials and equipment; security of the facility during the project, and conformance with all applicable regulations regarding OSHA.

- C. *Ohio River*: The project site is located within the normal water level of the Ohio River. Some work activities will be required to be performed over open water which can fluctuate from time to time. In addition, a portion of the wet well is hydraulically connected to the river and the work within and above the wet well can occur over water. Additionally, the Ohio River is used by commercial and recreational watercraft. The work associated with this project may not interfere with normal navigation of the river.

10. Field View of Facilities

A site tour is part of the pre-bid meeting.

Additional site visits can be arranged by request, 72 hours in advance, Owner will provide each Bidder access to the site to conduct such investigations and tests as each Bidder deems necessary for submission of a Bid. Arrangements for site visits shall be made by calling Dave Enzweiler, Maintenance Supervisor with the Northern Kentucky Water District, at (859) 547-3265.

11. Additional Contractor Questions

Any additional questions not asked at the pre-bid meeting will be received by the engineer in writing (mailed or email, no faxes) until 9:00 AM EDT on June 24, 2016. All Addendums will be issued as a .pdf file and transmitted via email to each plan holder. Make sure that you included your email address when you pick up contract documents and on the Pre-bid meeting sign-in sheet.

3. **Questions**

Q: What is the structural load capacity of the access bridge and the building floors?

A: The bridge is rated for H20-44 loading plus an additional 100 lb/sf. Information on the structural capacity of the existing floors is unknown.

Q: Can we work on one floor section at a time?

A: We will check and get back to you.

Q: Will the dive videos from Terracon be available?

A: It is difficult to see anything in the video, only the audio would be of use. The lowest, responsive, responsible bidder would be provided with a copy of the videotape, if requested.

Q: Can we use steel plates instead of forms?

A: We will check on this.

Q: Is there a pocket in the wall for beams or does it rest on a shelf?

A: We will check on this.

Q: Can we get As-Builts for the screen?

A: We will provide you with what information we have.

Meeting Summary
Prebid meeting for Ohio River Pump Station #2
06/15/2016
Page 6

Q: A note on S-02 says "Limits of Proposed Slab", can you clarify what these two lines show? Do you mean the dotted line is the limits of the wall below?

A: An answer will be provided.

This summary reflects our understanding of the discussions held and agreements reached during the above referenced meeting. Please contact Brad Barber (513)598-6400 or bbarber@wadetrim.com if there are any changes or questions regarding this summary.

Summary by,

Wade Trim Ohio, Inc.



Brad Barber
NKW2001-01H
ORPS#2 Pre-Bid Meeting Minutes.Docx

MANDATORY PRE-BID MEETING SIGN-IN SHEET

Date/Time/Location:

June 15, 2016; 10:30 AM; Ohio River Pumping Station Number 2

Project Name:

Ohio River Pumping Station Number 2 Structural Rehabilitation

Owner:

Northern Kentucky Water District

Engineer:

Wade Trim, Inc.

Bid Opening Date:

Thursday, June 30th, 2016 at 2:00 PM



						PLEASE CHECK APPROPRIATE BOX		
NAME	ORGANIZATION	ADDRESS	PHONE NO.	EMAIL	General Contractor	Specialty Subcontractor	Vendor	
Ken Karper	WADE TRIM	895 CENTRAL AVE CINCINNATI, OH	513 598 6400	KARPER@ WADETRIM.COM				
DAVID HUSEMAN	TCS ELECTRIC	11355 SEBRING DRIVE CINCINNATI OH	513-662- 2600	DHUSEMAN@TCS ELECTRIC.COM		ELECTRIC		
JEFF SCHUCHTER	NKWD	2835 Crescent Spring Rd Englewood, KY	859 426-2703	jschuchter@enky water.org				
BOB HENDRICKS	C&B MARINE	505 FIVE CENTRAL SOUTH BEND, IN	513 470 21570	BHENDRICKS@ CARLS-EDWARDS.COM		CRANE BARRE		
Don Wilkins	Marine Solutions	225 Industrial Parkway Madrasville, KY 40376	859 559 2973	dwi@kusems.com		marine contractor		
WILL KENNEDY	AQUARIUS MARINE	750 N. HARTFORD AVE COLUMBUS, OH 43222	614-314 7912	WKENNEDY@ CJMAHON.COM		MARINE CONTRACTOR		
Robert Bisi	Professional Marine	6390 Chippingden Dayton, Ohio	270-559 3408	Professional Marine Com		DIVING CONT.		
TRACT WATTS	RACE FOR RENT	INDIANAPOLIS, IN 46130	317-248- 3526	TWATTS@ RACEFORRENT.COM		BYPASS PUMPING		
Brian Petty	Allied	Cinti, Ohio	513-623-0634	brianpetty@alliedpumprentals.com			Pump diving	
Brad Miller	Building Crafts	2 Howard Dr., Wilber, KY	(859) 781-9600	brad@buildingcrafts.com				
Marty Zella	" "	" "	" "	" "				
Jenna Comafax	NKWD	2835 Crescent Springs Rd Englewood, KY 41018	859 598-4893	jenna.comafax@nkwd.com				
Dick Speiser	NKWD		859 547 5297	D Speiser@nkwd.com				

Attachment B

Questions Received after Prebid
Meeting



Questions Received after Prebid Meeting

Q1: Is each section of the floor capable of supporting the design loading? If not, what is the maximum load for a given section?

A: Each section of the proposed floor system is intended to support the design loads. The existing floor system has not been evaluated.

Q2: Can Vulcraft Steel Deck be used above the steel beams to form the concrete?

A: Galvanized and painted metal form decking may be permitted to support the concrete slab provided that the top of the concrete slab matches the elevations shown on the drawings. This approach may require revisions to the proposed concrete slab.

Q3: On drawing S-02 you show a solid dark line around what appears to be the limits of the new floor slab. You also show a dotted line inside of the solid dark line. However the dotted line has a noted near the southwest corner of the room that says "Limits of Proposed Slab". Can you clarify what these two lines show? Do you mean for the dotted line is the limits of the wall below?

A: The solid dark line is intended to represent the edge of the slab. The dotted dark line is intended to represent the wall below. The leader for the "Limits of Proposed Slab" should point to the solid dark line. This will be corrected on future drawings.

Q4: Can you please confirm that the ends of the new steel support beams do not extend past the face of the brick wall above, which would require hand work to create a pocket under the wall?

A: It is not intended that the ends of the proposed steel beams will extend past the inside face of the brick wall above however, the configuration of the walls and slab is unknown and may require adjustments based on field conditions.

Q5: I have another question that is related to a previous question I submitted about the dotted line shown on drawing S-02 that shows the wall line below. Section cut A/S-02 is a typical cut through the floor that shows a 9" (+/-) bearing on the left (south) side of the section. However, the plan view shows that the wall below underlaps the floor approximately 1'-7". Which measurement do we need to use, 9" or 1'-7"? As a practical matter, it would be helpful if the sawcut around the perimeter of the existing floor was not flush to the existing brick wall. It would be best for us if we could use the 9" dimension. It would mean less concrete removal that will likely be done by hand.

A: The proposed steel beam must have a minimum bearing of 9".

Wade Trim, Inc.
895 Central Avenue
Suite 830
Cincinnati, OH 45202

513.598.6400
513.381.3243 fax

Q6: When remove the existing steel beams supporting the existing floor as well as those supporting the walkways below, how far back into the wall are we required to remove the beams? Can we cut them flush with the face of the wall and do nothing else to them? Since the new beam layout doesn't match the existing, the beam pockets will not line up. There are only two bearing locations where the ends of the new beams and the existing beams are close to the same location.

A: It will be permitted to cut the existing steel beams flush with the face of the wall. Any beams cut flush to the wall shall receive a corrosion-inhibiting treatment.

Q7: When cleaning out the mud and other solids out of the PS inlet channel/conduit, can we liquefy the material and pump it over the channel wall into the abandoned side of the wetwell?

A: The sediment can be deposited into the abandoned wet well.

Q8: In consideration of the existing floor removal sequence and new floor replacement, have your engineers evaluated the existing floor's capacity to hold itself up if the existing floor and beams are removed in three phases as general described in the work sequence? We agree that a 3 phase removal is feasible but it requires parts of the floor to be able to hold their weight during the beam removal process.

A: The contractor is responsible for the stability of structures during construction.