



Audit Finance

Shawnee County PURCHASING DIVISION

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SHAWNEE COUNTY, KANSAS

Sherwood Regional Water District Asset Rehabilitation Project Pump Stations 16, 28,
53, 54, 57 & 61
Project No. S-401021.00

ADDENDUM NO. 3

October 5th, 2022

TO ALL BIDDERS:

Contractors submitting proposals for the above referenced project shall take note of the following changes, additions, deletions, clarifications, etc. to the Plans and Specifications which shall become a part of and have precedence over anything shown or described in the Contract Documents and shall be taken into consideration and be included with Contract Documents for the referenced project.

NOTE: Bidders must acknowledge receipt of Addenda on the first page of Document 330, BID FORM and sign below and attach this sheet to the bid submittal.

Company

Signature

BARTLETT & WEST, INC.

Andrew Wright, P.E.

GENERAL CLARIFICATIONS

- A. The Bid Date for the project shall be moved to October 20th 2020 at 2:00 PM. The Bid opening will still be held at the office of the County Commissioners, 200 E. 7th.
- B. The CIPP bid items for Pump Stations 53 and 54 are being changed to Add Alternate bid items. Please see the updated Document 330 Attached, and the updated Electronic Bid tab that has been posted to the OneDrive folder.
- C. All Questions and Answers that have been submitted are included in this addendum.
- D. All site grading at the PS 53 and 54 sites is subsidiary to the "Pump Station, In Place" bid for PS 53 and 54 respectively.
- E. A bid item has been added for the asphalt pavement required for the new force main connection on PS 57.

QUESTIONS AND ANSWERS

- A. The electrical gear calls for a NEMA 4XSS rating for pump stations 16, 28, 57 & 61 but calls for a NEMA 3R rating on pump stations 53 & 54. Since this is inconsistent, I just wanted to verify this is correct. Reference sheets E110, E120, E131, E141, E150 & E160.
 - 1. NEMA 4X is the desired rating for all electrical equipment, please change any references of NEMA 3R to NEMA 4X.
- B. Pump stations 53 & 54 call for a 150A pin and sleeve generator connection on sheets E131 & E141, detail 6, but the other pump stations call for a generator connection cabinet as shown in detail on sheet E112. Since this is inconsistent, I just wanted to verify this is correct.
 - 1. Please provide both a pin and sleeve generator connection and the generator connection cabinet as shown in the detail on sheet E112 for all pump stations. Also, please change the pin and sleeve connector from a 150A connector to a 200A connector.
- C. The generator connection cabinet detail on sheet E112, E122, E152 & E162 shows a NEMA-3R enclosure but all of the other equipment on the electrical structure is called to be NEMA 4XSS. Since this is inconsistent, I just wanted to verify this is correct.
 - 1. NEMA 4X is the desired rating for all electrical equipment, please change any references of NEMA 3R to NEMA 4X.

D. The typical electrical structure detail shown on sheets E112, E122, E152 & E162 is quite a bit different than the Unistrut mounting detail shown on sheets E131 & E141. Since this is inconsistent, I just wanted to verify this is correct.

1. Please use the Unistrut mounting details shown on sheets E131 & E 141 for all pump stations.

E. Is there any additional information on the groundwater levels other than what is shown in the geotechnical engineering report?

1. No, the only information on groundwater levels available is what is showing in the geotechnical engineering report.

F. Sheet C112 says, "60' SCADA COMMUNICATIONS POLE, SEE DRAWING E111, FOR DETAILS." Sheet E111 says, "SEE ANTENNA TOWER BASE DETAIL, DRAWING E113." Sheet E113 shows an antenna tower base detail for a 20 monopole antenna tower. Couldn't find any spec, manufacturer or part number for this tower. Who provides this antenna tower and is it 60' or 20' tall?

1. Contractor to provide antenna tower, tower shall be manufactured by Rohn Products, LLC Peoria, Illinois, or preapproved equal. The tower is 60' tall. The base of the tower shall be designed according to the tower size. Contractor is responsible for the design of the tower foundation as outlined in the measurement and payment entry for Bid Item 1, Pump Station In Place.

G. Sheet E111 says, "2" CONDUIT TO ANTENNA TOWER." Sheet E113, ANTENNA TOWER BASE DETAIL says, "(2)2"C. TO RADIO TELEMETRY UNIT FOR ANTENNA CABLES." Please confirm the size and quantity of conduits to be installed between the radio telemetry unit and the antenna tower.

1. The conduit to the antenna tower shall be a single 3" conduit.

H. Sheet C122 says, "40' SCADA COMMUNICATIONS POLE, SEE DRAWING E121, FOR DETAILS." Sheet E121 says, "SEE ANTENNA TOWER BASE DETAIL, DRAWING E123." Sheet E123 shows an antenna tower base detail for a 20 monopole antenna tower. Couldn't find any spec, manufacturer or part number for this tower. Who provides this antenna tower and is it 40' or 20' tall?

1. Contractor to provide antenna tower, tower shall be manufactured by Rohn Products, LLC Peoria, Illinois, or preapproved equal. The tower is 40' tall. The base of the tower shall be designed according to the tower size. Contractor is responsible for the design of the tower foundation as outlined in the measurement and payment entry for Bid Item 1, Pump Station In Place.

- I. Sheet E121 says, "2" CONDUIT TO ANTENNA TOWER" Sheet E123, ANTENNA TOWER BASE DETAIL says, "(2)2"C. TO RADIO TELEMETRY UNIT FOR ANTENNA CABLES." Please confirm the size and quantity of conduits to be installed between the radio telemetry unit and the antenna tower.
1. The conduit to the antenna tower shall be a single 3" conduit.
- J. Sheet C132 says, "INSTALL 60 FT TALL COMMUNICATIONS POLE. CONTRACTOR RESPONSIBLE FOR DESIGN AND CONSTRUCTION OF FOUNDATION AND POLE." Couldn't find any spec, manufacturer or part number for this tower. Who provides this antenna tower and is it 60' or 20'tall?
1. Contractor to provide antenna tower, tower shall be manufactured by Rohn Products, LLC Peoria, Illinois, or preapproved equal. The tower is 60' tall. The base of the tower shall be designed according to the tower size. Contractor is responsible for the design of the tower foundation as outlined in the measurement and payment entry for Bid Item 1, Pump Station In Place.
- K. Sheet C143 says, "INSTALL 40 FT TALL COMMUNICATIONS POLE. CONTRACTOR RESPONSIBLE FOR DESIGN AND CONSTRUCTION OF FOUNDATIONS AND POLE." Couldn't find any spec, manufacturer or part number for this tower. Who provides this antenna tower and is it 40' or 20'tall?
1. Contractor to provide antenna tower, tower shall be manufactured by Rohn Products, LLC Peoria, Illinois, or preapproved equal. The tower is 40' tall. The base of the tower shall be designed according to the tower size. Contractor is responsible for the design of the tower foundation as outlined in the measurement and payment entry for Bid Item 1, Pump Station In Place.
- L. Sheet C153 says, "40' SCADA COMMUNICATIONS POLE, SEE DRAWING E151, FOR DETAILS." Sheet E151 shows the antenna tower but does not reference anything. Sheet E153 shows an antenna tower base detail for a 20 monopole antenna tower. Couldn't find any spec, manufacturer or part number for this tower. Who provides this antenna tower and is it 40' or 20'tall?
1. Contractor to provide antenna tower, tower shall be manufactured by Rohn Products, LLC Peoria, Illinois, or preapproved equal. The tower is 40' tall. The base of the tower shall be designed according to the tower size. Contractor is responsible for the design of the tower foundation as outlined in the measurement and payment entry for Bid Item 1, Pump Station In Place.
- M. Sheet C153 also says, "INSTALL 56 LF 3" CONDUIT BY HDD." This conduit is shown running to the communications pole. Sheet E151 says, "2" CONDUIT TO ANTENNA TOWER". Sheet E153, ANTENNA TOWER BASE DETAIL says, "(2)2"C. TO RADIO TELEMETRY UNIT FOR ANTENNA CABLES." What size

and how many conduits are to be installed from the radio telemetry unit and the antenna tower?

1. The conduit to the antenna tower shall be a single 3" conduit.
- N. Sheet C163 references 60' SCADA Communications Pole, See Drawing E161. Sheet E161 says, "SEE ANTENNA TOWER BASE DETAIL, DRAWING E163." Sheet E163 shows an antenna tower base detail for a 20 monopole antenna tower. Couldn't find any spec, manufacturer or part number for this tower. Who provides this antenna tower and is it 60' or 20' tall?
1. Contractor to provide antenna tower, tower shall be manufactured by Rohn Products, LLC Peoria, Illinois, or preapproved equal. The tower is 60' tall. The base of the tower shall be designed according to the tower size. Contractor is responsible for the design of the tower foundation as outlined in the measurement and payment entry for Bid Item 1, Pump Station In Place.
- O. Shall Ductile Iron Pipe be lined with Protecto 401 or a Polyethylene liner?
1. All Ductile Iron Pipe shall be lined with Protecto 401.
- P. On Sheet G001, General Notes 6 and 20 contradict one another. Is the contractor or the engineer to provide construction staking?
1. The Contractor shall provide construction staking. General Note 20 is deleted via this addendum, see below.

FRONT END DOCUMENTS

- A. Document 330
1. Replace the previous version of Document 330 with the updated version attached to this addendum.

PLANS

- A. Drawing G001
1. Delete General Note 20.
- B. Drawing E131 and E141
1. In the abbreviations scheduled, change the entry for DR from "DUPLEX RECEPTACLE, GFI" to "DUPLEX RECEPTACLE"
 2. In detail 6, the Electrical Riser Diagram, change the entries for "NEMA 3R" to "NEMA 4X"

3. In detail 6, the Electrical Riser Diagram, include a generator connection cabinet
 4. In detail 6, the Electrical Riser Diagram, change the entry for “150 AMP PIN AND SLEEVE” to “200 AMP PIN AND SLEEVE”
- C. Drawing C140:
1. Add the following general note to sheet C140:
 - a. BYPASS PIPING FOR BYPASS 1 SHALL ONLY BE INSTALLED FROM NOVEMBER 30TH THROUGH FEBRUARY 28TH.
- D. Drawings E112, E122, E152, & E162
1. In the General Connection Cabinet, include a pin and sleeve generator connection of 200A
 2. In the General Connection Cabinet, change the power box entry from “NEMA-3R” to “NEMA-4X”
 3. Change Unistrut mounting details to match those shown in detail 4 of E131 & E141

Attachments

- A. Document 330

Bidders Name: _____

**DOCUMENT 330
BID FORM**

TO: The Shawnee County Public Works
1515 NW Saline
Topeka, KS 66618

Project No. and Description: Project No. S-401021.00 Sherwood Regional Water District Asset
Rehabilitation Project, Pump Stations 16, 28, 53, 54, 57 & 61

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with Owner in the form included in the contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

2. Bidder accepts all of the terms and conditions of the Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for sixty (60) days after the day of Bid opening. Bidder will sign and submit the Agreement with the Bonds and other documents required by the Bidding Requirements within ten days after receipt of the award of contract and Contract Documents from the Owner.

3. The Kansas Act Against Discrimination, Demonstration of Compliance with DBE Good Faith Efforts, Certification Regarding Lobbying and AIS Certification form found in the KDHE SRF Provisions must be submitted with the Bid.

4. In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:

a. Bidder has examined copies of all the bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

Date	Number
_____	_____
_____	_____
_____	_____
_____	_____

b. Bidder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Work.

- c. Bidder has studied carefully all reports and drawings of subsurface conditions and drawings of physical conditions which are identified in the Supplementary Conditions as provided in paragraph 4.2 of the General Conditions, and accepts the determination set forth in the Supplementary Conditions (if applicable) of the extent of the technical data contained in such reports and drawings upon which Bidder is entitled to rely.
- d. Bidder has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies (in addition to or to supplement these referred to in (c) above) which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress, performance or furnishing of the Work as Bidder considers necessary for the performance or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of paragraph 4.2 of the General Conditions; and no additional examinations, investigations, explorations, tests, reports or similar information or data are or will be required by Bidder for such purposes.
- e. Bidder has reviewed and checked all information and data shown or indicated on the Contract Documents with respect to existing Underground Facilities at or contiguous to the site and assumes responsibility for the accurate location of said Underground Facilities. No additional examinations, investigations, explorations, tests, reports or similar information or data in respect of said Underground Facilities are or will be required by Bidder in order to perform and furnish the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of paragraph 4.3 of the General Conditions.
- f. Bidder has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
- g. Bidder has given Engineer (either the Design Engineer or the City Engineer as defined in Article 2 of the Agreement) written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Bidder.
- h. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other bidder or over Owner.

Project No. and Description: Project No. S-401021.00 Sherwood Regional Water District Asset Rehabilitation Project, Pump Stations 16, 28, 53, 54, 57 & 61

5. Bidder will complete the Work for the following price(s):

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATION 16					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	PUMP STATION, IN PLACE	1	LS		
2	4" SANITARY SEWER FORCE MAIN	69	LF		
3	BYPASS PUMPING	1	LS		
5	EROSION CONTROL	1	LS		
8	REHABILITATE 4 FT. DIA. MANHOLE (0'-6')	1	EA		
9	REHABILITATE 4 FT. DIA. MANHOLE ADDITIONAL DEPTH	1	VF		
20	CONTRACTOR CONSTRUCTION STAKING	1	LS		

TOTAL BID FOR PUMP STATION 16\$_____

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATION 28					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	PUMP STATION, IN PLACE	1	LS		
2	4" SANITARY SEWER FORCE MAIN	37	LF		
3	BYPASS PUMPING	1	LS		
5	EROSION CONTROL	1	LS		
12	CONNECT TO EXISTING FORCE MAIN	1	EA		
16	REMOVE AND REPLACE GRAVEL DRIVE	119	TON		
17	SITE GRADING	1	LS		
20	CONTRACTOR CONSTRUCTION STAKING	1	LS		

TOTAL BID FOR PUMP STATION 28\$_____

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATION 53					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	PUMP STATION, IN PLACE	1	LS		
2	4" SANITARY SEWER FORCE MAIN	180	LF		
3	BYPASS PUMPING	1	LS		
4	LANDSCAPING	1	LS		
5	EROSION CONTROL	1	LS		
8	REHABILITATE 4 FT. DIA. MANHOLE (0'-6')	1	EA		
9	REHABILITATE 4 FT. DIA. MANHOLE ADDITIONAL DEPTH	1	VF		
11	PERMEABLE GRASS PAVER ACCESS ROAD	351	SY		
12	CONNECT TO EXISTING FORCE MAIN	1	EA		
15	TREE REMOVAL	1	LS		
19	TRAFFIC CONTROL	1	LS		
20	CONTRACTOR CONSTRUCTION STAKING	1	LS		

TOTAL BID FOR PUMP STATION 53\$_____

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATION 54					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	PUMP STATION, IN PLACE	1	LS		
2	4" SANITARY SEWER FORCE MAIN	30	LF		
3	BYPASS PUMPING	1	LS		
4	LANDSCAPING	1	LS		
5	EROSION CONTROL	1	LS		
6	5 FT. DIA. STANDARD MANHOLE, TYPE (II) (0'-6')	1	EA		
7	5 FT. DIA. ADDITIONAL DEPTH FOR STD. MANHOLE, TYPE (II)	5	VF		
11	PERMEABLE GRASS PAVER ACCESS ROAD	393	SY		
12	CONNECT TO EXISTING FORCE MAIN	1	EA		
13	6" CONCRETE PAVEMENT	6	SY		
14	SEGMENTAL RETAINING WALL	94	LF		
19	TRAFFIC CONTROL	1	LS		
20	CONTRACTOR CONSTRUCTION STAKING	1	LS		

TOTAL BID FOR PUMP STATION 54\$_____

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATION 57					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	PUMP STATION, IN PLACE	1	LS		
2	4" SANITARY SEWER FORCE MAIN	1,169	LF		
3	BYPASS PUMPING	1	LS		
5	EROSION CONTROL	1	LS		
12	CONNECT TO EXISTING FORCE MAIN	1	EA		
13	6" CONCRETE PAVEMENT	129	SY		
18	6" FORCE MAIN ABANDONMENT	1	LS		
19	TRAFFIC CONTROL	1	LS		
20	CONTRACTOR CONSTRUCTION STAKING	1	LS		
21	8" ASPHALT PAVEMENT	22	SY		

TOTAL BID FOR PUMP STATION 57\$_____

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATION 61					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	PUMP STATION, IN PLACE	1	LS		
2	4" SANITARY SEWER FORCE MAIN	15	LF		
3	BYPASS PUMPING	1	LS		
5	EROSION CONTROL	1	LS		
8	REHABILITATE 4 FT. DIA. MANHOLE (0'-6')	1	EA		
9	REHABILITATE 4 FT. DIA. MANHOLE ADDITIONAL DEPTH	3	VF		
12	CONNECT TO EXISTING FORCE MAIN	1	EA		
20	CONTRACTOR CONSTRUCTION STAKING	1	LS		

TOTAL BID FOR PUMP STATION 61\$_____

TOTAL BID FOR ALL PUMP STATIONS \$ _____

6. Add Alternate CIPP Bid Items. The CIPP Bid items for PS 53 and 54 have been changed to an Add Alternate Bid Item. The base bid may be increased by the acceptance of one or more of the following Add Alternate Bid Items as the Owner may choose. The alternates may be accepted in any order, as funds are available. See Section 16.2 of DOCUMENT 100, INSTRUCTIONS TO BIDDERS.

Contract award shall be based upon the price bid by the lowest responsive, responsible bidder. The use of the Add Alternate bid price shall be at the sole discretion of the Owner.

SHERWOOD REGIONAL WATER DISTRICT ASSET REHABILITATION PROJECT PUMP STATIONS 53 AND 54 CIPP ADD ALTERANTE BID ITEMS					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
10	REHABILITATE 8" SANITARY SEWER LINE CIPP – PS 53	792	LF		
10	REHABILITATE 8" SANITARY SEWER LINE CIPP – PS 54	360	LF		

TOTAL BID FOR PUMP STATION 53 AND 54 ADD ALTERNATIVES \$ _____

Contractor Email Address

Contractor Contact Person

Contractor Phone Number

7. Quantities are estimated. Final payment will be based on actual quantities unless otherwise stated in the Contract Documents.

8. Bidder agrees that the Work will be substantially complete in accordance with the time requirements given in the Agreement and General Conditions.

9. Bidder accepts the provisions of the Agreement for Liquidated Damages in the event of failure to complete the work on time.
10. The following documents are attached to and made a condition of this Bid:
 - a. Required Bid Security in the form of a certified or bank check or a bid bond in accordance with the provisions of the Instructions to Bidders.
 - b. List of Subcontractors; Costs and Suppliers.
 - c. KDHE SRF Forms and Certifications (Section 000860)
11. The terms used in this Bid which are defined in the General Conditions included as part of the Contract Documents have the meanings assigned to them in the General Conditions.

SUBMITTED on_____, 20_____.

Name of Bidder a(n) _____
(individual, partnership, corporation)

Address of Bidder

Telephone Number

By:_____, (Corporate Seal)
Authorized Person

Title

Project Number: Project No. S-401021.00

Contractor's Name: _____

List of Subcontractors; Costs

The Bidder is required to identify each Subcontractor and the Subcontractor's cost. Do not list alternate subcontractors for the same work. The Contractor shall list only one subcontractor for each such portion of Work as is defined by the Contractor in his bid. Contractor shall not substitute any person as subcontractor in the place of a subcontractor listed below, except as provided in Document 100.

The Bidder understands that if Bidder fails to specify a subcontractor for any portion of the Work to be performed under the contract or specifies more than one subcontractor for the same portion of the Work, Bidder shall be deemed to have agreed that Bidder is fully qualified to perform that portion and cannot sublet or subcontract that portion of the Work, except as provided in Document 100.

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Project Number: Project No. S-401021.00

Contractor's Name: _____

List of Suppliers (cont.)

Each Supplier performing more than 5 % of the Total Bid shall also be furnished. Do not list alternate suppliers for the same work.

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier
Name: _____
Material: _____

Supplier

Name:

Material:

Supplier

Name:

Material: