



Dos Rios WRC Electrical System Improvements Project Phase 1
Solicitation Number: CO-00084
Job No.: 14-6504

ADDENDUM 6
October 6, 2016

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

Addendum No. 6 consists of the items as outlined in the following pages. In addition to these items Addendum No. 6 includes 0 reissued specifications, 0 new specifications, and 0 re-issued drawings.

QUESTIONS

1. Question: Sheet AB-E-10 shows conduits between j-boxes and blowers to be run above ground per detail F on G-18. Sheet AB-E-17 (details 7-9) show the same conduits to be in concrete encased ductbanks. Please clarify wiring method

Response: These conduits shall be run above grade. Note that the cover shown in detail F, sheet G-18 shall be diamond plate or equal to provide a non-slip surface.

2. Question: Sheet E-11 shows pad mount transformers pmt-326 and pmt-327 to be 1000kva. Specifications section 16430-4 2.02 A. 1 shows pmt-326 to be 3,000kva and pmt-327 to be 500kva. What are the correct kVA ratings of the transformers?

Response: All transformers are rated 1000 kVA

3. Question: Sheets G-20 & G-21 indicate manhole details. The manhole covers / doors are not sized on these drawings or in the specification. What size are the covers for these manholes?

Response: Two-leaf access hatch covers shall be 66 inches X 42 inches. Round covers (for roadway use only) shall be 36 inches diameter as specified in Section 16600.

4. Question: Sheets IP-E-1 & IP-E-4 indicate pole line work for CPS#1 & CPS#2 poles. Fused cut-outs and arrestors are not indicated for these (2) overhead to underground riser poles. Please confirm that cutouts and arrestors are not required for these (2) poles

Response: Cutouts are not required. Arresters shall be installed.

5. Question: A ductbank section and conduit tag could not be found for the tie between SW-300A and SW-300B. Please provide a section, tag, and feeder size.

Response: Tie conductors shall match the conductor sizes of the incoming feeders (350 kcmil). Tag shall be "SW300AB-P"

6. Question: (Drawing S5-E-4) The one-line shows 2 – breakers that are DARK. You are asking for New Square D breakers because that are shown dark but these may be existing. The notes on the page make me think that they only need a new name plate for the 1200 amp and new trip unit for the 400 amp.

Response: That is correct – Existing breakers with new trip units and nameplates as indicated by the notes and photos on the drawing.

7. Question: (Automatic and manual ground and test devices) These have the same function and suspect they don't need both. The Automatic Ground test Device is VERY expensive - \$30,000.00. On Twin Oaks, Eaton only provided the "Manual" device and took exception to the Automatic device.

Response: This refers to the Accessories portion of the metalclad switchgear specification. The automatic ground test device is not required. Provide the manual device only.

SPECIFICATIONS

8. Specification 16430

Revise Table at 2.02-A-1 as follows

Transformer PMT-326 rating shall be 1000 kVA, not 3000 kVA

Transformer PMT-327 rating shall be 1000 kVA, not 500 kVA

9. Specification 16345

Delete item 2.05-A-6: "One – Automatic Ground and test Device"

10. Specification 16600

Add paragraph 2.01-B-4 as follows:

"4. Access Hatch

- a. Where access hatches are shown on the Drawings, hatches shall be heavy duty aluminum, for H-20 load rating, sized as shown on the Drawings. Hatches shall be CHS Series as manufactured by East Jordan Iron Works, Ardmore, OK.
- b. Material shall be 6061-T6 aluminum for bars, angle and extrusions. 1/4" diamond plate shall be 5066 aluminum.
- c. Unit shall have a heavy duty pneumatic-spring, for ease of operation when opening cover. Cover shall be counter-balanced so that one person can easily open the hatch door.
- d. Frame shall be of extruded aluminum with a continuous 1 1/4" anchor flange. A dovetail groove shall be extruded into the seat of the frame with a 1/8" silicone gasket.
- e. Hinges shall be of heavy-duty design, the material shall be grade 316 stainless steel, with a 3/8" grade 316 stainless steel pin. Hinge shall be bolted to the channel frame and diamond plate with grade 316 stainless steel bolts and nylon lock nuts. Aluminum shall be supplied with mill finish. Exterior of frame which comes in contact with concrete shall have one coat black primer.
- f. Each hatch shall be supplied with a stainless steel slam lock, with the keyway protected by a threaded aluminum plug. The plug shall be flush with the top of the 1/4" diamond plate. The slam lock shall be fastened with grade 316 stainless steel bolts and washers.
- g. Each hatch shall be equipped with a stainless steel lift handle. Lift handles shall be flush with top of 1/4" diamond plate.
- h. Each hatch shall be supplied with a 1 1/2" threaded drain coupler on underside of channel frame for pipe connection."

DRAWINGS

11. Drawing AB-E-17:
Delete Section 7, Section 8, and Section 9
12. Drawing E-11
Add lightning arresters at the pole line end of circuits CPS-1 and CPS-2.

Add tag "SW300AB-P" and wire designation "3-350 kcmil, 15 kV, MV-105, 133%, 350 kcmil G (600V), 5"C" for the tie circuit between switch SW-300A (Way 1) and switch SW-300-B (Way 1)
13. Drawings IP-E-1, IP-E-2, and IP-E-3, Riser Diagrams
Add lightning arresters at the new poles serving circuits CPS-1 and CPS-2.
14. Drawing IP-E-4, Pole Section 1 and Pole Section 2
Add lightning arresters at the top of this pole, connected between the G.O.A.B switch and the underground terminations.



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END OF ADDENDUM