



**SAN ANTONIO WATER SYSTEM
REGIONAL CARRIZO PROGRAM
BUCKHORN WELLFIELD ACCESS ROADS AND WELL
CONSTRUCTION PROJECT
SAWS JOB NO. 03-8518-207
SOLICITATION NO. B-11-024-MF**

**ADDENDUM NO. 5
JUNE 15, 2011**

TO BIDDER OF RECORD:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the Buckhorn Wellfield Access Roads and Well Construction Project, for the San Antonio Water System, San Antonio, Texas, dated May 2011, as fully and completely as if the same were full set forth therein.

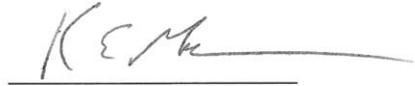
PART 2 - TECHNICAL SPECIFICATIONS

1. SECTION 02633 WELL DRILLING AND TESTING
 - a. Paragraph 2.03.B.12: REPLACE "The Contractor shall provide holding tanks for handling the drilling fluid. Excavation of mud pits will not be allowed unless approved by the Consultant. Upon completion of the drilling, drilling mud and cuttings from the well shall be removed from the Site and disposed of by the Contractor in accordance with State and Local regulations. The ground surface shall be restored to its original condition" with "The Contractor shall provide holding tanks for handling the drilling fluid. Excavation of mud pits will be allowed as approved by the Consultant. Upon completion of the drilling, non-hazardous drilling mud and cuttings free from contaminants may be disposed of on the Site in accordance with State and Local regulations as approved by the Consultant, SAWS, and land owner. The ground surface shall be restored to its original condition".
 - b. Paragraph 3.08.D: REPLACE "Welded joints shall be allowed to cure for not less than 30 minutes before weld is placed in contact with water" with "Welded joints shall be allowed to cure for not less than 15 minutes before weld is placed in contact with water."

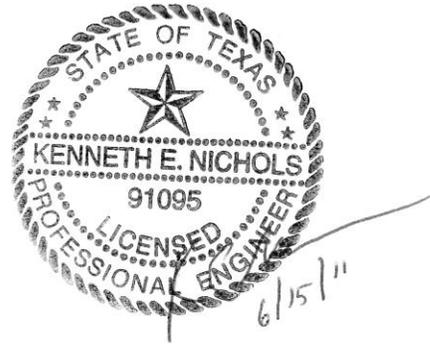
ALL BIDDERS SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 5 IN THE BID FORM AND BY HIS/HER SIGNATURE AFFIXED HERETO AND TO FILE SAME AS AN ATTACHMENT TO HIS/HER BID. BID FORMS SUBMITTED WITHOUT THIS ACKNOWLEDGEMENT WILL BE CONSIDERED INFORMAL.

CH2M HILL

TBPE Firm No. 2297



Kenneth Nichols, P.E.



ACKNOWLEDGEMENT BY BIDDER

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THIS ADDENDUM NO. 5 AND THE BID SUBMITTED HERewith IS IN ACCORDANCE WITH THE INFORMATION AND STIPULATION SET FORTH.

Date

Signature of Bidder

Appended hereto and part of Addendum No. 5 are:

1. Contractor Questions and Clarifications

CONTRACTOR QUESTIONS AND CLARIFICATIONS #3

1. **Question:** is it acceptable to dispose of the flow test water at each well site?
Clarification: Yes, pending approval of the Contractor's development and test water disposal plan which includes discharge location and end treatment to prevent erosion. See Specification Section 02633, Paragraph 3.17E.
2. **Question:** Is it acceptable to land farm the drill cuttings at each well site?
Clarification: Yes. See change to Specification Section 02633, Paragraph 2.03.B.12 in Addendum #5.
3. **Question:** Is it acceptable to dig a reserve pit for waste mud and restore after use?
Clarification: Yes. See change to Specifications Section 02633, Paragraph 2.03.B.10 in Addendum #4.
4. **Question:** Is it acceptable to dispose of wood chips along the sides of the new roads and at each well site?
Clarification: Yes. See Specification Section 02200, Paragraph 3.10.A.3 for requirements.
5. **Question:** Please depict on drawings how far off easements new road is to be constructed. At the site walk we discussed either a 30' or 60' county requirement setback.
Clarification: See Roadway Alignments Note 1 on Sheet 2 of 25, and Typical Roadway Alignment Detail on Sheet 9 of 25.
6. **Question:** Is it acceptable to land farm grubbing spoils on site?
Clarification: Woody debris may be chipped or hauled off site. See Specification Section 02200, Paragraph 3.10.A.3 for requirements.
7. **Question:** Please depict in a typical drawing the expectations of the site restoration spec section. We would like to see the detail include the 200' x 200' working area in comparison with the 100' x 100' final area.
Clarification: See Specifications Section 02633, Paragraph 3.01M.3 and 4. Also refer to changes to this section included in Addendum #4.
8. **Question:** Sheet 9 of 25 "Typical Well Site Detail" shows a future well site enclosure. Please confirm that this enclosure is NOT in this Contract.
Clarification: Confirmed. The enclosure is NOT in this Contract.
9. **Question:** Spec Section 2633-25/D calls for a 30 minute curing period for the welding of each joint on the casing. Please confirm this 30 min curing period is in fact an expected requirement.

Clarification: Please see change to Section 02633, Paragraph 3.08D in Addendum #5.