



MORONGO BAND OF MISSION INDIANS
BANNING, CALIFORNIA

ADDENDUM NO. 5

Contract Documents and Specifications for Drilling, Construction,
Development and Testing of Domestic Well #7 and #8.

Bidders are advised that the Contract Documents for the above referenced project are hereby amended in the following manner and the following manner only:

A. GENERAL

1. All provisions of this Addendum No. 5 are hereby incorporated into the "Contract Documents and Specifications for Drilling, Construction, Development and Testing of Domestic Well #7 and #8". Bidders shall account for all provisions pursuant to this Addendum No. 5 in submitting their bid proposals. **Each Bidder shall include a dated and signed copy of this Addendum No. 5 with the sealed bid proposal.**

B. QUESTIONS

1. **Please confirm that the Client will be responsible for clearing, grubbing, and leveling of the well sites as well as for maintaining access to them.**

Answer: Owner will be responsible for clearing, grubbing, and leveling of the well sites.

2. **7.05 CONDUCTOR CASING There's a discrepancy in the diameter of the conductor casing in this spec section compared to Drawings 4 and 5; please clarify.**

Answer: Conductor casing shall be 42-inch OD by 3/8-inch wall. This is consistent with Drawings 4 and 5, and all but one reference in the spec. Section 7.05B is (page 27) of the specifications is incorrect and should read "The conductor casing shall extend from 0.5 feet above ground surface (ags) to 50 feet bgs and shall consist of 42-inch OD by 3/8-inch wall thickness steel (see Drawings 4 and 5). The conductor casing shall have a collapse strength of 38 psi, 88 feet of water, or 42 feet of cement, when assuming a casing eccentricity of 0.01."

3. **Is the Client and/or consultant aware of any lost circulation conditions while drilling within the vicinity of these wells? If so, will there be compensatory consideration if encountered?**

Answer: We are not aware of any. Contractor shall make himself aware of any such conditions and shall reflect these risks, if any, within their bid. There shall be no additional compensation for lost circulation.

4. **10.05 SEAL MATERIAL** Please revise this spec to *require* coated time-release bentonite pellets for all zones set below 1,000-ft bgs to avoid the hydration of the bentonite before it is placed.

Answer: We do not recommend use of coated time-release pellets shall not be allowed, as this may result in poor zone seals. Recommend no change to bid specifications in that regard.

5. **Can Bid Items 109 and 209 be amended so that it covers the time needed for airlift development of each zone, the time spent pumping each zone with the submersible pump, as well as the time required to record recovering water levels?**

Answer: This process was developed many years ago in consultation with drilling contractors, including Layne. We do not recommend changing this bid specification in this regard.

6. **16.03 FOCUSED INTAKE PUMPING AND SWABBING TOOL C.** This section requires a pump with a minimum capacity of 500-gpm but does not specify the required amount of head to overcome. Please confirm the requirements for this pump.

Answer: We understand that 500 gpm may be difficult to achieve, particularly for Well 8. We can modify the specifications to read "The focused intake pump shall achieve a constant instantaneous maximum pumping rate of 500 gpm, but in no case less than 150 gpm against 800 feet of head. Flow rates shall be controlled using a variable frequency drive (VFD) tailored to meet anticipated pumping dynamics."

7. **Can you please confirm that the drill cuttings are allowed to be disposed of at the Owner's aggregate pit even if drilling fluid additives (such as bentonite) are found in small amounts within the drill cuttings? All drilling fluid additives are NSF certified and the cuttings will be profiled for hazardous contaminants prior to transfer.**

Answer: Yes, non-hazardous drill cuttings can be disposed of at the Owner's aggregate pit. Contractor is responsible for transport and all handling of the drill cuttings.

By: Shane Bloomfield
Shane Bloomfield

Date: 1/25/2024

ADDENDUM NO. 5 ACKNOWLEDGEMENT

Bidder hereby acknowledges receipt of Addendum No. 5 and the incorporation thereof in bid proposal for: "Contract Documents and Specifications for Drilling, Construction, Development and Testing of Domestic Well #7 and #8" and bidders shall account for all provisions pursuant to this **Addendum No. 5**. This acknowledgement page shall be signed, dated, and included with the Bid Proposal Packet.

Contractor: _____

By: _____
(Contractor's Authorized Representative)

Date: _____

Title: _____