

**ADDENDUM #2
TO
SPECIFICATION AND CONTRACT DOCUMENTS**

May 5, 2011

TO: ALL PLAN HOLDERS

FOR: ITB-017-2011
Cathodic Protection Deep Anode

This addendum sets forth changes and/or additional information as referenced and is hereby made a part of and should be attached to the subject Specifications and Contract Documents.

Contractor must acknowledge receipt of all addenda with proposal on the form provided herein.

The purpose of addenda # 1 is to provide answers to submitted questions.

1. Under the Scope of Work, paragraph 3: Energize, adjust, and verify operation of the cathodic protection system. I am assuming the City will provide the information regarding setting the output levels, and that the Scope does not include measuring potentials throughout the gas distribution system. Are these assumptions correct?

Answer: yes

2. Item G, Page 6 requires project completion within 30 days of Notice to proceed. The rectifier cannot be ordered until the groundbed is installed, and then there is a 6-7 week delivery on the unit. Can the construction period be extended to 120 days?

Answer: yes

Per our conversation at the Mandatory Pre Bid the completion time will be extended to 120 days.

3. Anode Cable- Page 11, paragraphs #1 and #2. MESA would like to provide the cable with Halar insulation as opposed to PVDF/HMWPE as specified. Will this equal cable be acceptable?

Answer: yes

4. Negative Cable- Page 12. MESA plans to use the existing negative cable connected to the pipe as opposed to installing a new negative cable. Please confirm if this is acceptable.

Answer: yes

5. Junction Box. We did not see a requirement for an anode cable junction box in the specifications. This is the standard way of terminating the wires and measuring the current outputs of the individual anodes. Is the City planning on adding this item to the specifications?

Answer: yes

6. Depth of hole- Page 12. MESA is concerned that there will be loss of fluid circulation and caverns at depths above 250'. We request consideration of amending the specifications to include the total hole depth will be to 250', or hard bedrock, or cavernous/loss of circulation zones.

Answer: yes

7. Page 13. Paragraph 1. There are no quantities provided for the anodes. How many anodes will be installed in the hole?

Answer: 4 or 5 ?

8. Rectifier Units. Page 14. The output of the rectifier is not specified and will not be determined until the groundbed is installed, but we are required to provide pricing for the new unit in our proposal. It is our intention to include the price of a Universal 60 Volt 20 Amp rectifier in our proposal with the Exception that outputs other than 60V 20A will result in a price modification. Will this Exception be acceptable?

Answer: yes

9. During the job site inspection, containing and removing the drilling fluids and cuttings was discussed. I understand the City will be responsible for providing a container for the fluids and cuttings, and will also be responsible for removal of the cuttings and fluids. Please confirm this is the correct information.

Answer yes

Signature: _____

FAILURE TO SUBMIT ACKNOWLEDGEMENT OF ANY ADDENDUM THAT AFFECTS THE BID PRICES IS CONSIDERED A MAJOR IRREGULARITY AND WILL BE CAUSE FOR REJECTION OF THE BID.

THIS FORM MUST BE INCLUDED WITH BID PROPOSAL