

ADDENDUM NO. 1

PROJECT: **Municipal Water Supply Well**

OWNER: **City of Spearfish, SD**

ENGINEER: **CETEC Engineering Services, Inc.**

LETTING DATE: June 1, 2009 at 1:30 P.M. MDT

DATE OF THIS ADDENDUM: May 28, 2009

SCOPE: This addendum consists of three pages, A1.1 through A1.3.

ACKNOWLEDGEMENT: Acknowledge receipt of this addendum on the Bid Form, Page 10.

CHANGES TO PLANS AND SPECIFICATIONS:

<u>Item</u>	<u>Description</u>
1.1	<p>Bid Form, Page 10.</p> <p>Change the third paragraph from the top to read as follows:</p> <p>Work shall be commenced within ten (10 consecutive calendar days after written Notice to Proceed by Owner, and the project completion date shall be <u>150 calendar days</u> after issuance of the Notice to Proceed .</p>
1.2	<p>Plan Sheet 6, Site Restoration Notes.</p> <p>Add the following sentence to Note 2.</p> <p>“Drilling fluids shall be disposed of away from the site. The Spearfish Rubble site north of the City may be used to dispose of drilling fluids. The City will issue a free pass to the Contractor for Rubble Site access.”</p>
1.3	<p>Plan Sheet 6. Site Restoration Notes.</p> <p>Change Note 3 to read as follows:</p> <p>3. The overall site shall be graded to a uniform free-draining condition, in general conformance with the grading plan on this sheet. Rocks larger than 4" shall be removed from the surface and buried in the grading area. Grading limits shown are to be taken to be approximate. The Contractor shall perform grading with on-site material. No imported soil is required, except for topsoil, as described in Note 4. Embankment or fill placed in connection with site restoration work shall be</p>

compacted in lifts not exceeding 12" loose thickness and compacted to not less than 90 percent of maximum density per Standard Proctor (ASTM D-692).

1.4 Plan Sheet 5, Temporary Water Main Extension to Storm Sewer.

Add the following Note:

Notes Regarding Temporary Piping System

1. The existing driveway approach to vacant lands east of the Paramount driveway shall be crossed with temporary piping on the surface. The Contractor shall embed the temporary pipe in gravel base course and ramp on both sides to allow vehicular traffic over the pipe. The minimum cover over the pipe shall be 8". Ramps on both sides shall be 5:1 or flatter. The Contractor shall remove the gravel ramp and restore the driveway to preconstruction conditions at the time that the pipeline is removed.
2. The Contractor shall cross the paved driveway of the Fairfield Inn motel with temporary piping on the surface. The Contractor shall make provisions for the driveway crossing pipe to be removed when pumping is not in progress. When pumping is in progress, the Contractor shall barricade the driveway at the N. 27th Street location and at the motel parking lot connection to prohibit driveway traffic. When pumping is not in progress, barricades and piping shall be removed and the driveway opened for normal traffic.
3. The work associated with driveway crossings described in Notes 1 and 2 shall be absorbed into the bid item "Temporary Discharge Piping System".

1.5 Specification 02580, Water Well Construction.

Add the following Note 6 under Section 02580, 1.E. Job Conditions:

6. Water Furnished by Owner.

Potable water for mixing drilling fluids may be obtained from the City of Spearfish from a fire hydrant adjacent to the work area. Water used from the system is to be measured by a hydrant meter/backflow assembly furnished by the Owner. There will be no cost to the Contractor for City-furnished water.

1.6 Specification 02224, Steel Casing Pipe Installation by Trenchless Methods.

Add the following paragraph to 02224.3.


E. Directional Drilling Methods.

1. General: Directional drilling methods may be used for casing installation, provided that the installed pipe is true to line and grade

shown on the plans and that there are no void spaces between the exterior of the casing and the native soil.

2. Engineer's prior approval of directional drilling methodology is required.

CETEC Engineering Services, Inc.

By: 
Greg Wierenga, P.E., Project Manager

Date: 5-28-09