Bruner, Cooper & Zuck, Inc.

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ADDENDUM NO. 1
TO THE
PLANS AND SPECIFICATIONS FOR
SANITARY SEWER SYSTEM

TENNESSEE, ILLINOIS

NOTE: Wherein this Addendum conflicts with the "Plans & Specifications", dated November 1, 2006, this Addendum shall govern.

SPECIFICATIONS

1. Bid Form, Page 12 of 61:
   Item 35 - Bituminous Surface Course, Change Estimated Quantity to 13.
   Item 36 - Trench Backfill, Change Estimated Quantity to 0.

2. DIVISION 11 - Equipment, Page 11000-1, section A, Paragraph 1 a.-f.:
   Delete and replace with the attached Paragraph 1 a.-f.

3. DIVISION 11, Page 11100-2, Paragraph F:
   Delete Model SB5 from the first sentence and replace with Model SBX.

   Paragraph G, under Standard Components, Add:
   q. Manual Transfer Switch with generator receptacle.

4. DIVISION 13, Section 13121 – Pre-Engineered Building, Add Section B.:
   Part 1, Paragraph 1.01
   B. The Pre-Engineered Building shall be 16' x 24' with 10' - 0" Sidewalls. It shall contain 1-12' x 8' steel insulated overhead door, 1-3' x 7' Steel insulated entry door and 2-2' x 3' double pane casement windows. The floor shall be 6" concrete, reinforced with WWF 6 x 6 - W1.4 x W1.4.

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5. DIVISION 16 - Electrical:
Page 16111-1, Part 1, Paragraph 1.1, Add:
D. Plastic Conduit - PVC.

Page 16111-3, Part 2, Add the following Section 2.4:
2.4 PLASTIC CONDUIT
A. Material: Polyvinyl Chloride (PVC). UL Listed. Sunlight resistant. Suitable for use with 90°C conductors.

B. Standard: NEMA No. TC-2.

C. Type:
1. EPC-80, Schedule 80 where required by N.E.C. or electric utility.
2. EPC-40, Schedule 40 elsewhere.

D. Fittings and Couplings: NEMA TC-3. Joined by solvent weld process.

E. Provide belled end fittings at manhole wall entrances.

6. DIVISION 20, Page 20-7, Paragraph 2.22A, Delete the entire paragraph and Replace with:
Pipe bedding for flexible sewer pipe (PVC) shall be the same as defined in Paragraph 2.21 A., Pipe Bedding, Rigid Sewer Pipes.

PLANS

1. Page 49 of 58, Details 8/49, 9/49 & 10/49:
Model Number for Cleanout Frame & Cover should be East Jordan Model 3650, or equal instead of Model V-8513.

2. Page 54 of 58:
A. Details 3/54, 4/54, 5/54 & 6/54 - Dimension building sidewalks 10' - 0".

B. Detail 1/54 - Add Note to inside of building: "6" CONCRETE FLOOR".

C. Detail 10/54 - Add Note to inside of building: "6" CONCRETE FLOOR: REINFORCED WITH 6 x 6 - W1.4 x W1.4".

NOTE: Bidders shall note in writing on the Bid Form that this Addendum has been taken into consideration, identifying same as Addendum No. 1, dated September 24, 2009.

A. TANKS

1. General:

It is recommended that the tank manufacturer provide the structural design and certification to the Engineer for review. The design shall be in accordance with accepted engineering practice. Precast concrete or fiberglass tanks shall have been designed by a registered Engineer and approved by state or local regulatory agencies, or authorities.

a. Loading Criteria:

- There shall be 130 pcf for minimum weight of saturated backfill, or 100 pcf for unsaturated backfill (400 psf minimum).
- Minimum lateral loading shall be 62.4 pcf. Lateral loading shall be determined from ground surface.
- The tank shall also support a concentrated wheel load of 2500 lbs.

b. Tanks requiring deep burial (>36") or subject to truck or heavy traffic loading require special consideration. (A minimum soil cover of 12 inches shall be used, unless specified otherwise by manufacturer.)

c. *All tanks shall be structurally sound and watertight per state regulations and specifications.* The tank warranty shall cover a period of one year from the date of final acceptance. The tank warranty shall cover repair or replacement costs of the tanks due to defective manufacturing workmanship. The septic tank shall be capable of withstanding lone-term hydrostatic loading, in addition to the soil loading, due to a water table maintained at ground surface.

d. Tanks shall be manufactured and furnished with a minimum access opening of 20 inches in diameter and of the configuration shown on the manufacturer's drawings. Modification of completed tanks will not be permitted.

e. Inlet plumbing shall include an inlet tee which penetrates 18 inches into the liquid from the inlet flow line. The inlet plumbing shall allow for natural ventilation back through the building sewer and vent stack.

f. Tanks shall be installed in strict accordance with the manufacturer's recommended installation instructions.