

ADDENDUM No. 1

This Addendum consists of the following **CHANGES TO THE BID DOCUMENTS FOR OFFICIAL NOTICE No. 111-2013:**

**1. NOTICE TO CONTRACTORS:**

- Contractors intending to bid on the above noted Official Notice with bid opening date of Tuesday, August 20, 2013, at 10:30 a.m. The bidder shall acknowledge receipt of this addendum on the acknowledgement page in the bid document.
- A copy of the software used to perform the calculations and study required by Specification Section 16310 (Custom Metal Enclosed Switchgear) shall be furnished to MWW. The software should have the ability for MWW to view AND make changes to the calculation files.
- An infrared thermography scan shall be performed before and after each carbon dioxide particle media blasting. Furnish in report format to MWW with equipment.
- The following equipment shall be furnished and delivered to the site:

(QTY 4) Greenheck 1,800 CFM BELT DRIVE Model LBP-21-3 Louvered Penthouse Fans provided with KYNAR Finish, VFD rated motors, 16" flat roof curbs, TEFC Motor, Motor Operated Dampers, disconnect, 480V 3PH.

(QTY 2) Greenheck 3,750 CFM Mixed Flow DIRECT DRIVE Supply fans Model QEID-20-65-B15 provided with inlet silencer, VFD rated motor, TEFC Fan motor, disconnect and spring isolators, 480V 3PH.

(QTY 2) 48x60 Greenheck Louvers Model AFJ-601.

(QTY 2) 48x48 Greenheck ICD-44 Dampers provided with BELIMO Actuators.

(QTY 2) 24x24 Greenheck VCD-23 Dampers provided with BELIMO Actuators.

(QTY 2) 24" by 75' Duratex DuctSox provided with single row hanging hardware and cables, standard color and IHS Support System.

(QTY 1) ToxAlert GVU-3 Control Unit provided with 120VAC Power, fan relays, high gas indicator lights (4) Relays, Alarm Strobe and fan override switch.

(QTY 2) ToxAlert GVU-CO Sensors.

**2. PLEASE SEE THE RESPONSES BELOW TO THE REQUEST FOR INFORMATION SUBMITTED:**

**QUESTION:**

- Does the stone extend below the concrete pads approx. 4 ft.?

**RESPONSE:**

- **The granular fill underneath the concrete pads should extend down to a depth 4' – 0" below finished grade. Refer to drawing GS-23-29.**

**QUESTION:**

- Do we re-seed around the concrete pads or is it stone?

**RESPONSE:**

- **For the area of the substation the top 1' – 0" to finish grade shall be a 3" washed stone.**

**QUESTION:**

- How much top soil do we replace?

**RESPONSE:**

- **Top soil is not required to be replaced in the excavated areas around the new substation. Section 02930 of the specifications refers to seeding and restoring other disturbed areas.**

**QUESTION:**

- What size are the fence posts? Do we need American steel?

**RESPONSE:**

- **The fence shall be furnished with 9 gauge aluminum coated steel wire, 2.5" OD schedule 40 steel post and 3" OD schedule 40 steel corner post. American steel is not required.**

**QUESTION:**

- Where we have multiple conduits going from PSWG-1 and G1 can we pour those conduits in a common duct bank? Otherwise we will have to form each run individually.

**RESPONSE:**

- **Each run shall be formed individually.**

**QUESTION:**

- The grounding detail shown on GS-23-18 shows 4/0 cable for tails but on drawing GS-23-08 it say's 250 kcmil. Please advise.

**RESPONSE:**

- **The grid shall be 250 kcmil. The tails shall be 4/0.**

**QUESTION:**

- Are the concrete haunches around the entire perimeter of the concrete pads?

**RESPONSE:**

- **The concrete haunches shall be formed around the entire perimeter of each concrete pad.**

**QUESTION:**

- On drawing GS-23-19, where is the remote touch screen located?

**RESPONSE:**

- **The screen is located in the generator building. No conduit or wire is required by the contractor.**

**QUESTION:**

- We didn't see a specification on testing. We think you would want to include something for the 35kv equipment and xfmrs. Please review.

**RESPONSE:**

**Please refer to Note 9 on drawing GS-23-22. As indicated all testing shall be per NETA specifications.**