

Project No. CP00421438 USC WEST ENERGY PLANT INSTALL 750KVA, 480 VOLT, 3PH TRANSFORMER ADDENDUM NO. 1

December 3, 2015

This addendum modifies the Contract Documents only in the manner and to the extent stated herein and shown on any accompanying drawings and will become a part of the Contract Documents. Except as specified or otherwise indicated by this addendum, all work shall be in accordance with the basic requirements of the Contract Documents.

PRE-BID:

1. PRE-BID ATTENDEES:

• See attached sheets for list of Pre-Bid attendees.

2. PRE-BID CLARIFICATIONS:

- High Voltage terminations are to be performed by the Contractor.
- Contractor is responsible for turn-on and startup of system.
- Contractor is responsible for disposal of all wiring removed as a result of this work.
- Coordinate location of new pad with Owner prior to starting work.

SPECIFICATIONS:

3. <u>SECTION 261219 – PAD-MOUNTED, LIQUID-FILLED, MEDIUM-VOLTAGE</u> <u>TRANSFORMERS:</u>

- In Paragraph 2-03 under MANUFACTURERS, delete GE and Eaton and add ABB.
- Add the attached "AMENDMENT TO SECTION 261219". Where conflicts occur between the attached Amendment and the Contract Documents, the requirements of the Amendment shall supersede.

DRAWINGS:

4. SHEET E101 NEW PAD MOUTNED TRANSFORMER ELEVATION:

• See attached bulletin drawing E101.1.

Each Bidder shall acknowledge receipt of this Addendum and all other Addenda on his bid form.

USC WEST ENERGY PLANT - INSTALL 750KVA, 480 VOLT, 3PH TRANSFORMER

AMENDMENT TO SECTION 261219 PAD-MOUNTED, LIQUID-FILLED, MEDIUM-VOLTAGE TRANSFORMERS

The following shall be added to Section 261219 of the specifications. Where conflicts occur between the Amendment to Section 261219 and the Contract Documents, the requirements of the Amendment shall supersede.

Manufacturer:	ABB
Туре:	Liquid-Filled MTR Padmounted Transformer
Fluid:	Mineral Oil
Core:	Grain Oriented Steel
Phase:	3 Phase
Frequency:	60 Hz
Average Winding Rise:	65°C
Ambient Temperature:	30°C
High Voltage:	8320GrdY/4800
High Voltage Taps:	+2 -2 2.5%
High Voltage BIL:	75kV BIL
Low Voltage:	480Y/277
Low Voltage BIL:	30kV BIL
Neutral:	HOXO bushing with ground strap
Feed Configuration:	Radial feed
Color:	Green (Munsell 7GY 3.29/1.5)

Features (included in price):

TANK & CABINET

• Penta-head cabinet handle bolt

BUSHINGS

- Threaded stud LV bushings x4
- 2-hole spade HV terminals (live front) x3
- 6-hole NEMA spade terminals x4
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern

FUSES

• Fused bayonet with isolation link x3

SWITCHES

• 2-position 300 amp LBOR transformer switch

MONITORING

- Liquid level gauge
- Dial type thermometer
- Pressure relief valve
- Pressure vacuum gauge

FITTINGS

• Drain Valve and sampler

MARKINGS

- Three (3) DANGER HIGH VOLTAGE signs
- Non-PCB label
- UL Certified Label
- External KVA Stencil

OTHER

- 9.5" x 17.5" Tank Handhole Cover
- 24" deep cabinet
- DOE Efficiency (2010)
- Trough Drip Shield

END OF SECTION 261219 AMENDMENT

University of South Carolina Pre Bid Sign In Sheet **Columbia, South Carolina**

Project Number: Pre Bid Date & Time: Project Name:

WEST ENERGY-INSTALL 750 KVA, 480V,3PH TRANSFORMER CP00421438 NOVEMBER 17, 2015 @10:30 AM

SWMBE Contractor?	Name	Company Name	Address	Phone #	Email	
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SWMBE	BB Bell	Gregory Industrial	2124 College St Columbia SC	247-748 1742	bb bell@gragoryindustrial. Com-	
SWMBE	Jean Coopen	С Х С		803 240 5744		
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S W M B E	D. GALLACHON	U.S.C				

****By signing this sheet you agree to receive information electronically.

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SWMBE Contractor?	Name	Company Name	Address	Phone #	Email
S W M B E	Hauce Hilm	USC	143 Greene St	HAPP LTT	hikmethe nailby, Sceed
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