

ADDENDUM 1 – April 11, 2018

PROJECT: 04-18-002 Generator Monitoring Interface REBID - Addendum 1
BID / TIME DUE: April 17, 2018 @ 2:00 p.m.

Bidder must acknowledge receipt of this addendum on Bid Form.

CLARIFICATION

1. Exhibit B – Generator List provided. See attached.

CHANGE TO SCOPE OF WORK

1. DELETE Item #4, page 5, “*Closely scrutinize the existing conduit...*”
2. ADD THE FOLLOWING SECTION:
 - a. The potential capacity / distance issues with the Aurora DTWN Campus and Plano Campus conduit paths represent the need to provide a change in scope. Gentracker has made the following recommendation:
 - b. Eliminates wiring between Gen set and ATS switches- except at well house which will still requires output to Control cabinet provided by ACI (in conduit).
 - c. Revise **Equipment – Generator Inventory**, page 7 to ADD as follows:
 - i. Parts AT GENERATOR PACKAGES:
 1. Qty three (3) GT-MBX-485 Collins, Dickson, Well house
 2. Qty one (1) GT-MBX-232 Generac @ Aurora
 3. Qty one (1) GT-MBX-485 w/ Qty one (1) ACC-GTMBX-AUX Plano
 - ii. Parts AT ATS PACKAGES:
 1. QTY five (5) GTU-C all ATS switches get one unit-second ATS (Aurora-Plano) gets wired to primary Gentracker
 2. QTY ten (10) ACC-VS (Voltage Sensors)
 3. QTY ten (10) GT-MON C (Subscription)
 - d. With this change in component numbers Gentracker indicates that fuel levels will be provided by the Modbus connectivity. There is no need to purchase expansion ports since Modbus will work with building automation.
 - e. There is currently a building automation interface connected with the DTWN Aurora Generator and transfer switches.
 - f. The Well House Genset and ATS will require additional wires to be pulled from Generator to ATS and from ATS to conduit run from transfer switch to ACI control cabinet mounted in the

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vicinity of the Transfer ATS switch. These will be installed up to the control cabinet provided by ACI purchased by WCC as indicated in the specifications.

- g. Scope of Work at Generator:
 - i. The MBX Series Gen-Tracker is to be installed at each of the generators. This is a low-profile device that magnetically mounts to the generator controller, powers off the generator battery, and connects to each controller's digital Modbus connection.
 - ii. The three (3) Kohler generators with the DEC 550 controller will require the MBX-485 connecting to the RS-485 connection inside the controller.
 - iii. The Generac unit with the H100 controller will require the MBX-232 plugging into the serial port on the front of the generator.
 - iv. The Plano Kohler generator with the DEC 3+ will use the MBX-485 connecting to the RS-485 connection inside the controller, this unit will also have the MBX Auxiliary harness for up to four (4) individual dry-contact alarms.
- h. Scope of work at the ATS:
 - i. The GTU Universal Series Gen-Tracker to be installed at the main ATS for each generator.
 - ii. The Voltage Sensors will be installed on each side of the ATS, independently monitoring the presence of voltage for the facility.
 - iii. The Gen-Tracker will be powered the by 16VAC plug-in transformer.
 - iv. If additional ATS's are included at the facility, a dry-contact can be made from the secondary ATS's to indicate switch position, wired into one of the four Auxiliary inputs on the GTU unit.
 - v. When powered with the AC transformer, the Gen-Tracker must also be grounded to the GND terminal on the GTU.

This addendum does not change the bid due date or time.

END OF DOCUMENT

Generator Inventory						
Sugar Grove Collins Hall key = WN05-southco		Kohler 100 KW Model: 100RZG S/N: 2167032 Nat Gas	Sugar Grove Campus	Controller: Controllor 550	Switch: Kohler MPAC 1500	
Sugar Grove Main Plant-Dickson key-1250		Kohler 750 KW Model:750REOZDB S/N: 2133519 Diesel	Sugar Grove Campus	Controllor 550	ASCO 7000 (1)	
Sugar Grove Well House key = CH751		Kohler 400 KW Model:400REOZJ S/N: 3059654 Diesel	Sugar Grove Campus	Controllor 550	ASCO 7000 (1)	
Aurora Campus		Generac 200KW Model: 11033690100 S/N: 2103428 Nat Gas	Aurora Campus	Controller H-100	ASCO 300 Series (2)	
Plano Campus		Kohler 42 KW Model: 45REZG S/N: 2287692 Nat Gas 4/10/2010	Plano Campus	Controller Dec 3+ (2)	Kohler MPAC 1500	