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ADDENDUM #2
QUESTIONS FROM THE CONTRACTORS

**NEW CASTLE COUNTY DETENTION CENTER
GENERATOR UPGRADE
OMB/DFM CONTRACT # MJ3705000004**

1. For bid purpose- What size temp generator should we include? **Answer: For bidding purposes allow for a 1500kW generator.**
2. The first shutdown- Which vendor are you referring to? "The EC will arrange to have the Vendor on site 1 hour prior to the scheduled shutdown time". **Answer: The ATS vendor, the existing switchgear vendor, and the electrical contractor.**
3. The second shutdown-The EC is allowed "120 hours to complete the work as it's listed in paragraph b and we will be required to work 24 hours a day until the work and testing is complete". What if this work requires more than 120 hours to complete? Can the EC request a change to the contract if it does exceed 120 hours? **Answer: No. The electrical contractor is expected to provide staffing to complete the project in the time allotted.**
4. Temporary Facilities and Controls 015000-Please elaborate on barriers, fencing and security. This section seems extremely broad and open for interpretation. **Answer: Provide fencing and barriers per the specifications.**
5. Construction Waste Management and Disposal 017419-Does the expected intent feel a lot of waste will be produced? **Answer: No. The specifications indicate the requirements for general construction waste and disposal.**
6. Minor Electrical Demolition, 3.04, A, B and C Cleaning and Repair- Please identify section 3.04 in greater detail. **Answer: At the completion of the project, the areas of construction need to be cleaned. Wipe equipment down to remove construction dust.**
7. Minor Electrical Demolition, 3.02, Preparation, Existing Fire Alarm System. Is a new system part of this project? **Answer: Disregard this line. The fire alarm system is not a part of this project.**

8. Drawing E-2, Note 7- What will the security issues (Delays) be going from the electric room to the Intake Area 603? Is the intent to install a new ¾" EMT conduit from the Electric Room to the Intake Area 603 to feed the new Remote Annunciator? What type of ceiling(s) will we encounter between the electric room and the Intake Area 603? For bid purpose, what is the distance between the two areas? **Answer: The distance between the electric room and the Intake Area 603 is approximately 200 feet. Most of the conduit can be run in the attic space.**
9. The project calls out 200 calendar days to complete. We spoke with one of the Generator Vendors and they are telling us we can expect delivery 22 weeks after approved submittals have been received. Should the 200 days be adjusted? **Answer: The 200 calendar days can be adjusted based on equipment delivery schedules.**
10. Is the bid bond to be on a standard AIA bid bond or is there a Bid Bond form for this project? **Answer: Use the Bid Bond form in the specifications.**
11. Section 26 36 00, Transfer Switches, page 1, 1.04 Scope A. & B. indicates closed transition and open transition. Page 4 E. indicates closed transition, page 5B. indicates service entrance rated. Drawing E-5 indicates service entrance rated. Please clarify which transfer switch is needed on the scope of the work. **Answer: The Automatic Transfer Switch shall be Service Entrance Rated, Open Transition.**
12. If a service entrance rated transfer switch is required, is a programmed service entrance rated transfer switch acceptable? **Answer: A programmed service entrance rated automatic transfer switch is not acceptable.**
13. Section 26 32 14 Emergency Standby Diesel Generator page 12 D 12. refers to the Outdoor Weather Protective Sound Attenuated Enclosure. Indicates Level III sound attenuated housing and includes a dba level of 92.5 at any location 23 feet from the generator. Kohler manufacturers a weather protective enclosure rated 91.9dBA @ 23 feet in a free field environment. Please provide clarification of the actual dBA rating and provide what distance. **Answer: Actual dBA is 76.2dBA at 23 feet. A level III sound attenuated steel weatherproof enclosure is required per the specifications.**
14. Section 26 32 14 page 11 D.3. indicates enclosure shall be painted MTU Tan, Page 12 D. 4. indicates specific paint color part number. Within this paragraph description indicates the enclosure color shall match the other generator/s on site. Existing generator/s on site are Kohler beige. Accept Kohler Beige manufacturers' standard paint color. **Answer: The enclosure shall be painted MTU Tan per the specifications.**
15. Section 26 32 14 page 12 D.13. indicates to provide a 2965 gallon double walled sub base fuel tank. Kohler's sub base fuel tank rated for 24 hours runtime has a capacity of 3,130 gallons. Accept Kohler standard 3,130 gallon sub base fuel tank; this sub base fuel tank is rated for 24 hours @ 100% load. **Answer: Yes.**

16. Drawing S-1 dimensions are provided for the equipment being scoped for this project. Are these dimensions for planning purposes or are these actual dimensions and need to meet. Are these dimensions flexible? Kohler manufactured equipment is 6 feet longer than the dimensions being listed on Drawing S-1. **Answer: The length of the generator housing is flexible. However the electrical contractor shall be required to secure the services of a structural engineer licensed in the State of Delaware to redesign the concrete pad and service platform around the generator. These drawings shall be submitted to DEDC, LLC for review and approval. The electrical contractor shall be responsible for all fees associated with the redesign and review of the concrete pad and the service platform.**
17. During the pre-bid meeting it was noted a temporary generator will be needed on this site. Please provide kW needing and duration of this temporary generator. Will this temp be used as prime power or standby? Do you know where the cables will be connected ? Do you know the distance from the generator to the tie in? **Answer: See #1 above. The generator will be used as prime power during the second shutdown. Length of cables to be determined at the pre-construction meeting. The duration of the generator use to be determined by the electrical contractor.**
18. Equipment Substitutions: The following equipment was requested as a substitute to the equipment that was specified.
- Generators:
 - Kohler – Accepted
 - Automatic Transfer Switch
 - Kohler – Not Accepted

Reminder

Bid Opening: Wednesday November 5, 2014

Time: 2:30pm

**Location: Office of Management and Budget, Division of Facilities Management,
Thomas Collins Building, 540 S. DuPont Highway, Dover, Delaware 19901**

Summarized By: Tom Brandenberger – DEDC
Date: October 31, 2014