

**ADDENDUM NO. 3
DHSS HERMAN HOLLOWAY PHASE 1 PRIMARY UPGRADES AND
EMERGENCY GENERATOR AT KENT/SUSSEX BUILDING
1901 N. DUPONT HIGHWAY, NEW CASTLE DE 19720
OMB/DFM PROJECT: MJ3501000007
DATE OF ISSUE: June 8, 2016**

- 1.0 This Addendum, Addendum No. 3, shall be made part of the Project Manual and Drawings dated May 23, 2016 for the DHSS Herman Holloway Phase 1 Primary Upgrades and Emergency Generator At Kent/Sussex Building; OMB/DFM Project: MJ3501000007. Bid Date and time remain unchanged 2:00 p.m. local time on Thursday, June 16, 2016.
- 2.0 Any provision in any of the Contract Documents which may be in conflict or be inconsistent with the contents of this Addendum shall be void to the extent of such conflicts or inconsistency.
- 3.0 Changes to Specifications
- 3.1 There are no changes to the Specifications.
- 4.0 Changes to Drawings:
- 4.1 Drawings C1-C4, C6-C7: Replace existing drawings with new drawings attached to reflect the following revisions:
- Drawing C1:
1. Removal of existing generator pad on south side of pond.
 2. Additional identifiers added to legend.
- Drawing C2:
1. Concrete pad sizes and locations updated.
 2. Stone pad size updated.
 3. Construction alignment control updated.
 4. Updated contours (reflect removal of generator and pad size changes).
- Drawing C3:
1. Pad elevations updated.
 2. Spot elevations updated.
 3. Updated contours (reflect removal of generator and pad size changes).
- Drawing C4:
1. Updated contours (reflect removal of generator and pad size changes).
 2. Added hatching to indicate biomass area.
- Drawing C6:
1. Separate details for generator pad and equipment pads.
- Drawing C7:
1. Updated contours (reflect removal of generator and pad size changes).
 2. Updated section detail to reflect updated grading.
- 4.2 Drawing E20-03 (Springer Building)
1. Update Type 1 Feeder from (6)-4"C; (4) WITH (4)-#600KCMIL & (1)-#3/0 GND & (2)-4"C SPARES to (8)-4"C; EACH WITH (4)-#600KCMIL & (1)-#3/0 GND.
 2. Change Ampacity of Main Switchboard & Main Breaker to 3P-3000AF/3000AT.
 3. Change footprint of transformer to 750kVA/840KVA and concrete pad dimensions.

4. Provide new 72" W fixed blade louver above double door with dimensions to match existing frame, less 6" in height for new conduits to Switchboard "Springer MDS". New (8)-4" conduits to enter building in a single row in the area at the top of the existing louver.

4.3 Drawing E20-05

1. Revise Main from 2000AF/1600AT to 3000AF/3000AT.

4.4 Drawing E22-01 Transformer Schedule

1. Revise Transformer size for Springer Building from 500/580kVA to 750/840kVA.

5.0 Questions/Clarifications

- 5.1 Concrete pads are shown on both the Civil (C series) and Electrical (E series) drawings. Which drawings should we use?

Reply: Electrical Drawings shall be used for all equipment pads. Refer to Civil Drawings for sidewalk details.

- 5.2 In the mechanical rooms, would it be acceptable to use EMT conduit above 7'-0"?

Reply: Generally, interior exposed conduit shall be EMT. Exterior conduit above grade shall be Rigid Steel, exterior underground conduit shall be PVC. Refer to Section 26 05 33- Article 3.1 for further clarifications.

- 5.3 On drawing E18-02 the new MDS section 1 and 2 are to be located in the room north of the existing electrical room. There are existing conduits entering this room from the outside that are not shown on the removal work detail. I have attached a photo for reference. This is also where the new (6) 4" conduit conduits are to enter. What are these conduits for? Can they be removed prior to installation of the new MDS?

Reply: This condition occurs in the Biggs Building. It is not known if the three (3) existing feeders in existing 4" conduits are active or abandoned. If they are determined to be abandoned during construction, they may be removed. If they are active, conduits and feeders shall be relocated to permit the installation of the new MDS Switchboard. Adjust entrance of new conduits from pad mounted transformer as required.

- 5.4 Clarification #1: At the Pre Bid Meeting, the Civil Engineer identified that the existing abandoned concrete encased ductbank that runs through the existing stormwater pond will be removed and that the biomass area shall not be disturbed under this project. It shall be protected and preserved as identified on the drawings.

- 5.5 Clarification #2: All Separable Insulated Connectors and Inserts shall be manufactured by the same company. Electrical Contractor shall coordinate suppliers of inserts in Pad Mounted Transformers, 15IV Safefront Cable Switching Stations and all Loadbreak Elbows.

- 5.6 Diamond Electric, Inc. has been determined to be a Prequalified Contractor.

6.0 Substitution Requests

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6.1 Specification Section 26 05 13 - Article 2.6; Separable Insulated Connectors, Add **Richards Manufacturing Co.**, 517 Lyons Ave, Irvington NJ 07111 as an Approved Equal. See Clarification #2 above.

6.2 A generator substitution was submitted. The substitution was not approved.

End of Addendum #3

EF/ef

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cc: All Registered Plan Holders