

**ADDENDUM NO. 2
EMERGENCY GENERATOR
DELAWARE STATE POLICE- HEADQUARTERS AND ACADEMY
1441 N. DuPONT HIGHWAY, DOVER DE 19901
DHSS/DFM PROJECT NO.: MC4506000044/46
Date of Issue: October 16, 2014**

- 1.0 This addendum, Addendum No. 2, shall be made part of the Project Manual and Drawings dated September 29, 2014 for the Emergency Generator at the Delaware State Police- Headquarters and Academy.
- 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 **Bid Time & Date has not changed.** Sealed bids for OMB/DFM Project Nos. MC4506000044 - Delaware State Police Headquarters and MC4506000046 – Delaware State Police Academy – Emergency Generator, will be received by the State of Delaware, Office of Management and Budget, Division of Facilities Management, in the reception area of the Facilities Management Office in the Thomas Collins Building, 540 S. DuPont Highway, Suite 1 (Third Floor), Dover, DE 19901 until **2:00 p.m. local time on Thursday, October 23, 2014**, at which time they will be publicly opened and read aloud. Bidder bears the risk of late delivery. Any bids received after the stated time will be returned unopened.
- 4.0 Changes to prior Addenda
- 4.1. There are no changes to prior addenda.
- 5.0 Changes to Specifications
- 5.1 There are no changes to specifications
- 6.0 Changes to Drawings:
- 6.1 Drawing E-5 **Delete** the current drawing and **Replace** with the attached new drawing that defines the minimum distances of the transformer from the curb and generator and the addition of critical sight lines currently only located on Drawing E-2.
- 7.0 Substitution Requests
- 7.1 MTU-Onsite Energy, Generator
Status: **Not approved**, for the following reasons:
1. The 2 page document submitted for approval is Insufficient to evaluate the proposed alternate manufacturer.
- 7.2 Kohler Generator & Transfer Switch with Pritchard Brown Enclosure
Status: **Not approved**, for the following reasons:
1. Pritchard Brown Enclosure does not take into consideration the Temporary Generator Breaker Enclosure.
 2. The generator fuel fill is located on the wrong side of the enclosure.
 3. The load bank controls are on the wrong side of the enclosure.

4. Transfer switch may not accommodate the specified conductors without voiding the UL rating.
5. The generator depth of 118" is 4" greater than the standard of design and requires the concrete pad to be 12" larger than the generator. This will add an additional 16" to the footprint of the generator and will place the generator outside of the area where a screen wall would not be required. With this unit, a masonry screen wall would be required and is beyond the scope of this project.

7.3 Eaton/Cutler Hammer

Status: **Not approved**, for the following reasons:

1. Distribution Panel EMDP: Cutler Hammer Type PRL4B equivalents appear to meet the requirements of the specification.
2. Panel GA: Cutler Hammer Type PRL3a equivalents appear to meet the requirements of the specification.
3. Digital Meter: Eaton Model IQ260 equivalents appear to meet the requirements of the specification.
4. SPD Series Surge Protective Device: Not Approved, unit proposed does not meet the specifications for modular construction.
5. 3P-1200A Service Disconnect Enclosure: Not Approved. Unit proposed would move the generator outside of the maximum permitted site lines and would require a masonry screen wall to accommodate this device which is beyond the scope of this project.
6. Double Throw Safety Switch: Appears to meet the requirements of the specification subject to the requirement that this Disconnect Switch is rated to handle the minimum interrupting rating of the circuit feeding each building. No extras will be granted to replace this with an alternate device if the Power System Study reveals that it is inadequately rated.
7. Power System Study: Was not submitted for consideration. Specification section 26 05 70 Article 1.02 D requires that the switchgear manufacturer prepare the Power System Study. Approval of the Cutler Hammer/Eaton items above preliminarily requires that Eaton/Cutler Hammer also prepare this Study. Eaton/Cutler Hammer submission for the power system study was not submitted for equal consideration.
8. Specification Section 26 04 99 Article 2.01C requires that all equipment be of the same manufacturer. This is required to maintain continuity on the project. Since Eaton/Cutler Hammer does not meet this requirement as identified above, the Eaton/Cutler Hammer gear package is Not Approved.

8.0 Questions/Clarifications

8.1 There are no questions/clarifications

End of Addendum #2

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cc: All Registered Plan Holders
P-File

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