Addendum No. 03

Subject: Camelot Academy – Generator Replacement
SDP Contract No. B-036C of 2018/19

Location: Camelot Academy
1435 N. 26th Street
Philadelphia, Pennsylvania 19121

This Addendum, dated September 18, 2019, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

Pre-Bid RFI Questions and Responses:

1. Drawing E-501 Detail #10. Please confirm that re-bar is required in the duct bank.
Response – Duct bank is no longer required, these details have been removed.

2. Drawing E-501 Detail #4. Please confirm that this footer detail is not required on this project.
Response – As per drawings E-501 Detail #4, the footer detail for each fence post is required.

3. Drawing E-501 Detail #1 and Detail #5. Detail #1 states that metal fence post shall be grounded. Detail #5 states that each corner ground post shall be grounded. Please confirm the number of fence post to be grounded.
Response – As per drawings E-101 and E-501, fence post grounding is required. The EC’s fencing contractor shall determine the exact quantity of fence posts. Assume a minimum of (8) metal fence post will be required as per drawing E-501 Detail #1.

Drawing Revisions:

Please note, a complete conformed drawing set has been issued with the following revisions noted below.

E001 – No revisions
ED100 - No revisions
ED101 - No revisions
E100 - No revisions
E101 – Generator location has been moved closer to the building. Duct bank has been removed, all exterior conduit shall be surface mounted. Quantity of bollards have been reduced.

E501 – Duct bank details have been removed.

E601 – No revisions

**End of Addendum No. 03.**
DEMOPTION KEYNOTES

1. DEMO DUCT BANKS, PIPING, AND CONDUIT. REMOVE ANY ADDITIONAL CONDUIT OR PIPING AS PER Designs.
2. DEMO MAIN, SUB, AND FUSE PANELS OR OTHER ELECTRICAL RACKS.
3. DEMO FURNACE, OVEN, OR LUXURY APPLIANCES.
4. DISCONNECT AND REMOVE ALL HEATING, COOLING, AND AIR-CONDITIONING SYSTEMS.
5. DEMO ALL CONCRETE, FLOORS, CEILINGS, WALLS, AND ROOFING.
6. DEMO ALL METAL, WOOD, OR PLASTIC ENCLOSURES.
7. DEMO ALL PLUMBING, GAS, OR OIL DISTRIBUTION SYSTEMS.
8. DEMO ALL FIREPROOFING, FIREPROOFING MATERIALS, OR FIREPROOFING SYSTEMS.
9. DEMO ALL ELECTRICAL, GAS, OR OIL METERING SYSTEMS.
10. DEMO ALL SECURITY SYSTEMS, INTERCOMS, OR SECURITY MACHINES.

NOTE: REMOVAL OF ANY ADDITIONAL MATERIALS OR SYSTEMS IS EXCLUDED. ALL EXISTING PIPING, ELECTRICAL, AND MECHANICAL SYSTEMS MUST BE DEMOED AND DISCONNECTED AS PER DESIGNS.
NEW WORK AND NOTES:

A. All conduit shall be threaded galvanized rigid metal (steel) conduit only.
B. Contractors shall coordinate installation with SDP Environmental Team.

PROVIDE NEW EMERGENCY STOP BUTTON AND GENERATOR ANNUNCIATOR WITH WIRE GUARD CAGE, compatible with new generator. PROVIDE 1" conduit from generator to emergency stop button and annunciator for interconnection of button and annunciator to generator control panel. PROVIDE WIRING INTERCONNECTION PER GENSET MANUFACTURER REQUIREMENTS. ANNUNCIATOR PANEL AND EM. STOP BUTTON TO BE LOCATED WITHIN BUILDING ENGINEER'S OFFICE.  ALL EXTERIOR AND INTERIOR WALL PENETRATION SHALL BE FIRE STOPPED.
GENERATOR REPLACEMENT
CAMELOT ACADEMY
1435 N. 26TH STREET
PHILADELPHIA, PA 19121

NEW WORK SINGLE LINE DIAGRAM

NEW WORK KEY NOTES

1. PROVIDE NEW 100A, 2 POLE, 240V, 3-WIRE ATS, ASCO 300 SERIES OR APPROVED EQUAL. ATS CONTROLLER SHALL BE PROVIDED WITH AUTOMATIC ENGINE EXERCISER FUNCTION. RECONNECT EXISTING NORMAL POWER FEEDER TO NEW ATS.

2. GENERATOR IS NOT A SEPARATELY DERIVED SYSTEM, GROUNDED NEUTRAL CONDUCTOR SHALL BE SOLIDLY INTERCONNECTED TO SUPPLY FEEDER CONDUCTORS NEUTRAL AT AUTOMATIC TRANSFER SWITCH. NEUTRAL CONDUCTOR SHALL NOT BE SWITCHED.

3. PROVIDE NEW PANEL "EM". SEE SINGLE LINE DIAGRAM AND DWG E601 FOR MORE DETAILS. RECONNECT ALL EXISTING (QTY 20) BRANCH CIRCUITS TO NEW PANEL BOARD. PROVIDE NAME PLATE PLACARDS FOR EACH BRANCH CIRCUIT. PANEL BOARD SHALL BE PROVIDED WITH (1) MCB FOR NORMAL/EMERGENCY FEEDER TO PANEL BOARD. PROVIDE PLACARD LABEL FOR MAIN BREAKER. PROVIDE A TVSS FOR NEW PANEL BOARD.

CONTRACTOR IS RESPONSIBLE FOR FUELING OF GENERATOR TO 100%, START-UP, TESTING, COMMISSION, AND ALL MANUFACTURERS WARRANTY REQUIREMENTS.

MEP Engineer