Community Partners in Action
Secure Residential Treatment Facility

Generator Replacement

995 Sherman Avenue
Hamden, Connecticut 06518

DRAWING LIST:
E-1  ELECTRICAL PART PLANS
E-2  ELECTRICAL GEN/NOTES AND DETAILS

Issued for Bid: May 26, 2022

April 22, 2022
Generator Replacement

3190 Whitney Avenue, Hamden, CT 06518

SOUTHERN CONNECTICUT NATURAL GAS CONTACT: TOM MYJAK 203-795-7608

EXISTING 5 PSI METER IS RATED FOR 1600 CFH MAX (SCG CO 781714)

TOTAL NEW W/ GENERATOR = 1575 CFH

VERIFY IN FIELD IF OTHER APPLIANCES ARE FED OFF THE PHASE 1 GAS DISTRIBUTION SYSTEM***

APPROXIMATE LOCATION OF EXISTING LOAD CENTER (GE) PANEL "EP-1" RATED FOR 100A, 120/208V-3 PHASE. CONTRACTOR TO REMOVE ASSOCIATED FEEDER AND RETAIN CONDUIT TO SUIT NEW SWITCH CONNECTION.

APPROXIMATE LOCATION OF EXISTING DIESEL (WITH 50 GAL. SUB-TANK) FIRED STANDBY GENERATOR RATED FOR 20KW, 120/208V - 3 PHASE.

APPROXIMATE LOCATION OF EXISTING ATS TO BE REMOVED. CONTRACTOR TO REMOVE ASSOCIATED FEEDER AND PROVIDE THE FOLLOWING ADDITIONAL ITEMS FOR GENERATOR: REMOTE ANNUNCIATOR AND ASSOCIATED WIRING (LOCATION TO BE COORDINATED WITH OWNER IN THE FIELD), SIGNAL WIRING FROM ATS FOR GENERATOR START, BLOCK HEATER & BATTERY CHARGER TO BE CONNECETED TO EXISTING BRANCH CIRCUIT SERVING EXISTING HEATER AND CHARGER.

APPROXIMATE LOCATION OF EXISTING AUTOMATIC TRANSFER SWITCH TO BE REMOVED. CONTRACTOR TO REMOVE ASSOCIATED FEEDER, CONTROL WIRING, RETAIN CONDUIT TO SUIT NEW GENERATOR.

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**GENERAL DEMOLITION NOTES**

1. **Wiring Methods and Materials:** All wiring methods and materials are to be in accordance with the current issue of the National Electrical Code, applicable local codes, and pertinent laws, codes and environmental regulations.

2. **All Materials Being Removed:** All materials being removed shall be handled in a manner complying with all applicable local codes. All wiring is to be in conduit, unless specifically noted otherwise. All wiring methods are to be in accordance with the latest approved issue of the NEC and applicable local codes.

3. **Personnel Safety:** Personnel safety is of prime importance. No hazardous condition must be allowed. Every care must be demonstrated to owner that the equipment is in full operating order.

4. **Electrical Contractor:** Electrical contractor shall provide proof of liability and property insurance to the owner, all authorities having jurisdiction or any necessary items of work that have been omitted. Contractor is responsible for all cutting, patching, painting, cleanup, electrical debris removal and adequate, unsuitable for the use, in violation of laws, ordinances, rules, codes or any regulations of integral parts of contract documents. All work shall be done in accordance with the standard general conditions of the construction installation. All work to be done in accordance with the latest approved issue of the NEC and applicable local codes.

5. **Deductible Pay:** Deductible pay shall be paid for by the electrical contractor in the event of a claim.

6. **The Term "Provide" Shall Mean:** To furnish and install in complete working order.

7. **Electrical Components Shown on the Demolition Drawings:** To include all pertinent equipment and materials, including hazardous PCB containing equipment to be used, prior to starting any electrical work. All work to be done in accordance with the NEC, applicable local codes and pertinent laws, codes and environmental regulations.

8. **All Systems or Equipment:** Any systems or equipment to remain active during renovation shall be kept in operation by providing temporary connections as required until new equipment is installed and operational.

9. **The Term "Supervise" Shall Mean:** To plan and direct such work as is necessary for the installation of the electrical items of work as required for the installation of the electrical items of work. All work to be done in accordance with the NEC, applicable local codes and pertinent laws, codes and environmental regulations.

10. **Equipment and Materials Damaged:** Repair and replace at no cost to owner all equipment and materials damaged during construction.

11. **Partial Reuse or Turnover:** Electrical contractor shall coordinate all demolition with base building electrician.

12. **Electrical Contractor Shall Coordinate All Demolition:** Electrical contractor shall coordinate all demolition with base building electrician.

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