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Addendum #1
June 22, 2020
IFB #2020-14
Electrical Switchgear Testing

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SCOPE OF WORK

Page 2l – The Overview section has been revised to read as follows:

OVERVIEW:

The Shock side of facility is powered via (1) incoming 13.2kV Utility electrical service. The incoming switchboard consists of (5) GE Power Vac breakers VB1 models. Protection is provided via (7) GE auxiliary relays model numbers all starting with 12HFA5. There are (5) GE overcurrent relays model MDP012000DA. Backup Power is provided by (1) 13.2kV generator. There is (1) 130 VDC Battery System Powered by (10) EnerSys XE-95 batteries

(1) Automatic transfer switch for Fire pump model FTA900-BL150B controlled by controller FTA1350-AE100B.

(15) Pad mounted oil filled transformers and 15 pad mounted switches.

(3) Dry type transformers (1) GS CAT #T1753H75 (1) GS CAT #T99H112 and (1) Cutler Hammer V29M47T49N

Critical buildings that require generator power are powered by these transformers: TR-1 (150 KW), TR4 (150 KW), TR5 (400 KW), TR6 (150 KW), TR11 (150 KW), TR12 (100 KW), TR13 (300 KW), and TR14 (300 KW). The fire pump will not need a backup generator. Shutdown times must be coordinated with facility.

Non critical buildings powered by these transformers TR-2, TR3, TR7, TR8, TR9, and TR10 do not always need to be powered. These buildings can be without power for up to 10 hours at a time but must be coordinated with facility.

The Annex side of facility is powered via one (1) incoming 13.2kV Utility electrical service. The incoming switchboard consists of (5) Okonite Okoguard Panel Feeders which contains VDC battery system. Backup Power is provided by (1) 13.2kV generator.

(1)Schweitzer 700 G relay

(1) 13.2kv Generator Breaker

(10) Pad Mounted Oil Filled Transformers and 10 pad mounted switches.

(2) dry type transformers both GE model 9T23B3804

There are NO critical buildings on Annex side needing generator power if the outage does not exceed a 24-hour period. If power outage will exceed 24 hours buildings may require generator power. Times of shutdown must be coordinated with the facility.

The facility will stage towable generators where needed for the contractor. Contractor will have generators dropped off outside the truck trap. Facility will also provide refueling of generators Monday-Friday between the hours of 7 AM and 3 PM.

All equipment is to be serviced using this listed scope of work.

Install UL listed Infra-Red windows in the incoming switchgear cabinets

All work must be bid using prevailing wage rate.

**Page 21 - The 4-Hour Arc Flash Awareness Training section has been revised to read as follows:**

**ARC FLASH SAFETY AWARENESS TRAINING**

- Provide a one-time Arc Flash Safety Awareness Training in accordance with OSHA and NFPA 70E 2018 version for up to **20** persons.
- A minimum of 4 hours training is required.
- Certificates will be provided by the Contractor. The training should include materials for the trainees (PowerPoint/manual, tests, training aids, etc.).
- Training cost shall be invoiced separately from Switchgear Testing costs.

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**Please note:**

It is the responsibility of potential bidders to regularly monitor the following websites where any updates or information regarding the IFB will be posted:

NYS Contract Reporter: <https://www.nyscr.ny.gov/>

DOCCS website: <http://www.doccs.ny.gov/RFPs/rfps.html>