CITY OF DRYDEN

Addendum #1 - Questions and Answers

T-2026-12

City of Dryden Wastewater Treatment Plant Power Upgrade

1. Does the installation require a complete shutoff from main power?

Response: *Yes, coordinating daily disconnects with Ontario Hydro is required*.

2. Where can the new equipment be installed?

Response: *The equipment can be installed on the north facing wall, next to the staircase (denoted by boxed area)*

3. Is it part of the scope to run a new 120V line for the UPS?

Response: *The city will arrange for a 120V power supply*.

4. What SCADA integration is required? What kind of SCADA integration and communications are required from this upgrade? Does the relay need to be integrated with any existing systems?

Response: *Currently there is no SCADA status from the breaker or generator, so no SCADA integration or communication is required.*

5. Are you supplying us your digital CAD drawings? Please confirm that drawing revisions are required only for the portions of the electrical system affected by this upgrade?

Response: *The City will provide any CAD drawings if available to the successful proponent. If not, redlines via PDF or Bluebeam would be acceptable with the appropriate stamp. Only the portions affected by the upgrade need to be updated. A digital copy and printed plan size copy will be required.*

6. Can you confirm if this scope is for the Generator shown on Drawing No. #-781/Revision E/7? Confirm if this scope is for the main breaker shown on Drawing No. E-781/Revision?

Response: *The Scope of this project albeit related to the generator, is for the main breaker.*

7. What is the input power available? 120 or 600 or? Power requirement

Response: *The Power feed is 600kw 2000A for the main breaker.*

8. Can we work on the weekend or on Holidays?

Response: *The work will be performed during our plant working hours of 7:00am to 3:30pm Monday to Friday. Some extension of hours can be granted past 3:30pm if required. It is anticipated based on previous experience that this work shouldn't take more than three (3) days.*

9. Can we get location distance of the generator, main breaker, PLC/SCADA control room?

Response: The location of the PLC is across the room from the main breaker, approximately 20ft. Generator room is located outside adjacent to the MCC location. It is not anticipated that any integration will be required.

10. Confirm locations of PT and CT with pictures? Will CT be 2000:5A? The Relay supports a nominal voltage of 600V; therefore, PTs are not required. Please confirm that we can proceed with a solution without a PT.

Response: If the solution can work without a PT, then there is no need for one.

11. Our understanding is that the primary purpose of this project is to monitor the utility power supply and automatically transfer to generator power in the event of a utility outage. Could you please confirm?

Response: Confirmed, however the intent is to also transfer to generator power when an over or under voltage is also detected.

12. The Relay is required to automatically transfer the load to generator power upon loss of utility power. Should the relay also automatically transfer the load back to utility power once the utility power source is restored. Please confirm the desired operating sequence.

Response: Confirmed, it should transfer back when power is restored or detected to be stable in nature.