January 10, 2024

New Jersey Turnpike Authority

Engineering Department

Order for Professional Services No. A4175-1
Design Services for Contract No. A500.788
Replacement of Standby Generators at Various Locations

Responses to Inquiries
Request for Expressions of Interest

1. **Inquiry:** Who is responsible for pressurizing and testing the existing fuel system and piping? Will that be part of the Contractor's scope of work, or is such testing expected to be performed during the design phase, and by whom?

   Response: The contractor is responsible for pressurizing and testing of the existing natural gas fuel piping.

2. **Inquiry:** Can the existing generators be removed before installing the new ones, or is phasing required for backup power always to be presented to the facility during construction?

   Response: Sequential work orders are necessary; the existing generator must remain operational until the new generator is on-site and ready for installation, minimizing downtime. A portable generator should be on standby, connected to the existing MTS AKA "storm switch" until the transition is complete, and the generator is ready for operation. The contractor should provide a separate line item for providing a portable generator for the estimated transition time defined and given by the consultant.

3. **Inquiry:** Who is responsible for testing the existing BMS regarding the controls and fire alarm connections? Will that be part of the Contractor's scope of work, or is such testing expected to be performed during the design phase, and by whom?

   Response: Fire alarm testing falls under the purview of the contractor with the presence of the consultant and Authority personnel. For the BMS, please refer to Question 4 answer below.

4. **Inquiry:** We assume there are existing BMS connections at the 5 locations with existing generators. Is there an existing connection at the Basset Building as well?

   Response: Currently, the existing generators are not integrated into the BMS. This integration is part of the scope, with the consultant responsible for tie-in design and all necessary low-voltage work. Execution of the work is the contractor's responsibility. Final testing and commissioning for the BMS will be overseen by the Authority's consultant/contractor for BMS.

5. **Inquiry:** It appears that some of the existing generators are fueled by diesel fuel. Will the replacement design require tank and pipe removal and environmental permitting? Are site utility plans available that would show the nearest natural gas mains?

   Response: All existing generators are fueled by natural gas and will be replaced with equivalents in size and fuel type. Site utility plans are accessible via Kiteworks.

6. **Inquiry:** The refenced drawing files for five of the locations are not included in the Kiteworks Reference Documents folder. Are these available to consultants?

   Response: All reference drawings and pictures are available via Kiteworks. Please contact Jennifer Romero via e-mail at jromero@njta.com as instructed on page 3 of the RFEOI. The subject line should read "OPS No. A4175, Kiteworks Information."

7. **Inquiry:** Are updates to existing environmental documentation required, such as for SPCC, Air Permitting, etc.?

   Response: The consultant must comply with DCA and NJDEP requirements, including providing all necessary documentation and permits, where applicable.

8. **Inquiry:** Please confirm that the existing generator sizes will be replicated at each site and that studies for additional or future loads to the existing capacity will not be required.

   Response: Confirmed.