

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T202053105.01

LOWER BEECH STREET BUILDINGS 15 & 16 FIRE PUMP

Wednesday, April 08, 2020

Q #	Question	Answer
14	Will testing of the existing generator be required? Will this be done before and after? It was recommended the distributor test the generator before and after any install of the new equipment.	The Owner agrees that the generator should be tested before and after any install. The owner will take the responsibility of having their contractor perform this work.
13	Is the lighting and devices provided and installed by others for the Fire pump building?	The devices, including lighting, that are required to be included in the packaged fire pump are identified in Specification Section 213000. Other devices required are identified on the Drawings and other specification sections.
12	What is the AIC rating for the 110 amp breaker and are there spare spaces for this breaker in the generator panel?	Existing main output breaker is 65KAIC. Match existing as indicated on the Drawings
11	Can you please provide the Serial number for the generator.	Serial No. 95010601207
10	In speaking to gen serv rep it was stated that the 2017 model is a level 1 compliant can you please verify that it is a level 2?	It was the designer's understanding that the installed generator was not Level 1 compliant per NFPA 110. To power the fire pump it must comply with those requirements. If it is confirmed already compliant, no upgrades would be required.
9	Are the circuit breakers for the fire pump, jockey pump, and mini power zone existing in the outdoor sub station?	Yes

Monday, March 30, 2020

8	Will a bid site meeting be held for contractors to walk the site and review existing conditions prior to bid?	Please contact John Kotula at 302-576-6093 to schedule a site visit.
7	Notes on drawing S-001 state that testing of soil and concrete is the responsibility of the contractor. Please confirm that this is the case, or if DELDOT will handle the testing.	The procedures detailed in the notes on drawing S-001 are the responsibility of the contractor.

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6	The cover of the bid proposal states that the completion time is 180 calendar days, while the second page states that the completion time is 120 calendar days. Please clarify.	The completion date on page i has been revised in Addendum No. 1.
5	The Pump building requires approx. 30 cy of excavation. Is this material to stay on site or to be hauled offsite? If offsite, are we to assume the material is free of contaminants and is to be considered clean fill?	The proposed site of the fire pump house is in a non-contaminated area as is the alley that must be excavated for piping lines. The material can be hauled offsite to a clean fill site.
4	Please provide specifications for the pre fab building system shown on the plans, no information is provided other than prescriptive language in section 213000 as to components of the pre fab building- no basis of design or model no is provided. Need more direction.	<p>Project Specification 213000, Fire-Suppression Pump System, details a pre-package fire pump building that includes all required pump system components, controllers, building electrical, mechanical, etc. for a fully functional building from a single supplier. The product data and shop drawings are detailed in section 1.6. The pre-packaged metal fire pump building is detailed in section 2.1. The pre-packaged fire pump system is detailed in section 2.2, with manufacturers. The design and installation of the fire pump building, equipment and controllers needs to be coordinated with the site fire suppression piping and connections (section 1.11).</p> <p>Spec Section 2.2 Fire Pump Manufacturers: Subject to compliance with requirements, provide products by one of the following:</p> <ul style="list-style-type: none"> a. A-C Fire Pump; a Xylem brand - Contact: Jerry Cumiskey, 570-629-0727 b. Peerless Pump Company - Contact: Steven Brown, 302-652-4722, ext 100 c. Pentair Pump Group - Contact: Steven Brown, 302-652-4722, ext 100

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3	<p>Please provide the make and model of existing Outdoor Substation #1.</p> <p>a) During what times will we be able able to shutdown the substation? What duration (total length of time) can the substation be shutdown for?</p>	<p>Eaton, Type MVS, Medium Voltage, Metal-Enclosed Load Interrupter Switchgear</p> <p>a) Providing that the shutdown does not involve shut down of the generator, Saturdays are preferred, but we look at each request separately. The substation in question provides power for the power house, paratransit operations, bus wash, money room, paratransit parking lot lights, fueling operations and security (gates, cameras). The owner will provide times that cause the least impact to operations.</p>
2	<p>Please provide the make and model and year for the existing generator.</p> <p>a) Is the generator under a service contract? If so, with whom.</p> <p>b) Can the O&M manual/as built for the generator be provided?</p>	<p>2. MTU, model MTU 12V1600 DS600, installed 2017</p> <p>a) Yes, GenServ</p> <p>b) O&M manual will not be provided.</p>
1	<p>Please provide the make and model of the existing fire alarm panels in buildings 15 and 16.</p> <p>a) Is there a fire alarm vendor currently maintaining those panels?</p>	<p>Building 16 – EST Quick Start Building 15 - EST i064</p> <p>Yes, BFPE</p>