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ADDENDUM No. 7
Contractor for Controls Upgrade Project
M&T Bank Stadium
MSA Project No. 21-040

Date Issued: April 21, 2021

This Addendum is hereby made a part of the Contract Documents dated March 9, 2021, on the subject work as though originally included therein. The following amendments, additions, and/or corrections shall govern this work. **This form should be acknowledged below and submitted with the Proposals.**

This Addendum incorporates the following items:

1. Questions and Answers.

Issued by:

Maryland Stadium Authority
333 W. Camden Street, Suite 500
Baltimore, MD 21201
Sandra Fox, Procurement Officer

Company

Acknowledgment
(Name and Title)

Date

Questions and Answers.

1. Please confirm location of the network interconnection point to integrate into existing PME systems installed at Camden Yards.

RESPONSE: The OPACY Main Telephone Room is located on the service level of the ballpark. The existing LAN Switch/ Hub is located in this room.

2. Is there a comprehensive list of control valves and their sizes that would be replaced throughout the complex?

RESPONSE: There is no comprehensive list. Existing controls drawings with valve schedules were provided for reference.

3. If demo of 1 existing lighting control panel at a time, will it affect the other lighting control panels operations? Are the existing lighting control panels Networked?

RESPONSE: Existing lighting control panels are connected through the network. Demo of one panel does not affect other panels.

4. Please advise what equipment, if any, is required to have temporary power during a power outage. The new work may require a total power outage, including the generators.

RESPONSE: The temporary power is to support downtime of the generator. Any associated equipment with the generator will need backup so the system continues to function.

5. Please provide documentation on the existing generator control system.

RESPONSE: Any documentation available can be provided after contract is awarded. Contractor must rely on the information on the Bid Set documents at this point of time.

6. The new Square D metering system requires a power supply to each MMU. This is recommended to come from a breaker inside a panel that the MMU is monitoring. The MMU requires the same voltage as the panels it is monitoring. Please advise if the existing metering system requires a similar power supply that could be re-used to connect the new MMUs?

RESPONSE: Cannot confirm if the power will be the same.

7. Regarding pipe insulation, no specification related to replacement of chilled, heating or domestic water piping appears to have been provided. Please confirm that code compliant and industry standard insulation materials are acceptable.

RESPONSE: Pipe insulation is required to replace any that has been removed to support this work. Existing type and thickness shall be matched.

8. Please confirm if hot water valve bodies require insulation.

RESPONSE: Any valve body that is currently insulated shall be re-insulated. See response to question #7.

9. Please confirm if isolation valves (supply & return) are existing at terminal equipment (i.e. VAV boxes, Unit Heater, Duct mounted Reheat Coils).

RESPONSE: Offerors may assume there are existing isolation valves for all equipment.

10. Please describe the extent to which typical terminal equipment (i.e. VAV boxes, Unit Heater, Duct mounted Reheat Coils) are provided with supply and return isolation valves at their respective coils.

RESPONSE: It is assumed that each terminal equipment coil has isolation valve. See response to question #9.

11. Input / Output Schedule on Drawing M4.29 indicates that “airflow/fluid flow” measurement is required for smaller terminal equipment such as HW Unit Heaters and Fan Coil Units. Please confirm this level of input is required to the BAS, and if so, whether it presently exists.

RESPONSE: Airflow and fluid flow measurement is NOT required for HW Heaters and Fan Coil Units.

12. Please provide total number of heating hot water valves to be replaced.

RESPONSE: Quantity shall be determined from Bid Set documents.

13. Please provide total number of chilled water valves.

RESPONSE: Quantity shall be determined from Bid Set documents.

14. Specification 263213.13 – 5 2.4 E 3 calls for various alarm points to be monitored by the generator control system.

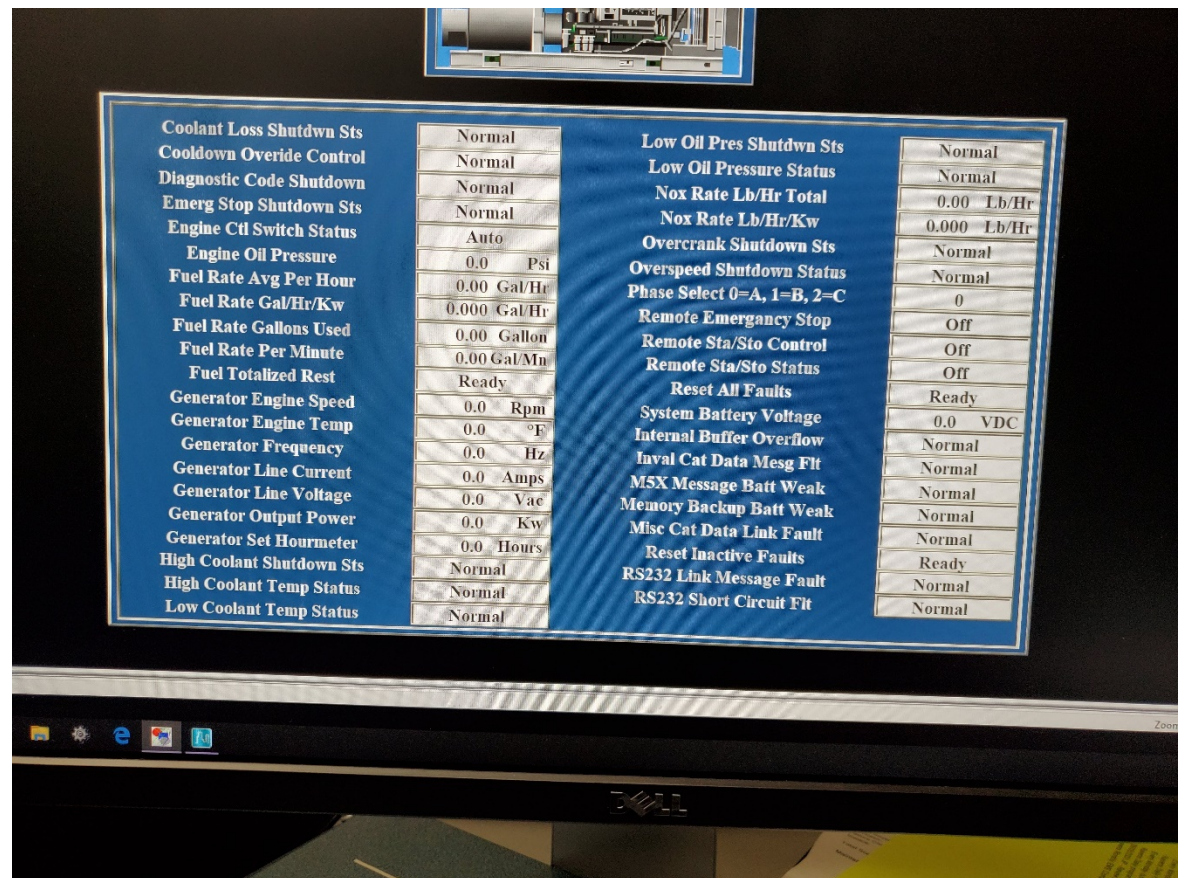
a) Are these alarm points currently available to the generator controls? For instance, is there currently a low-level alarm on the fuel main tank?

RESPONSE: Some of the points currently exist, however, the Generator Controls are being replaced. Refer to points that are required. The existing 10,000 Gal Main Fuel Tank has an existing Veeder Root Fuel Monitoring System.

b) If possible, could an accounting of what points of this list are currently available and which need to be added please be provided to bidders.

RESPONSE: See screen shots below of currently monitored points from the BAS.

Gen and Pwr Co Total Kw	0.0 KW	M&T / Net Delivered	0.0 KW
Off Peak Monthly Rate	9.120 Cents	M&T 15 Min Gen Avg	60.0 KW
On Peak Monthly Rate	9.120 Cents	M&T BGE Delivered	0.0 KW
OPCY Past Day KWH	41858.2 KWH	M&T BGE Received	0.0 KW
OPCY Present Day KWH	12100.5 KWH	M&T Gen Feed	0.0 KW
Oriole Park BGE Received	16843.0 KW	Pwr Co Kw Delivered	1826.2 KW
Oriole Park Gen Feed	0.0 KW	Total KWH Interm Peak	1826.2 KWH
Oriole Pk 15 Min Gen Avg	60.0 KW	Total KWH Off Peak	1826.2 KWH
Oriole Pk BGE Delivered	24811.0 KW	Total KWH On Peak	1826.2 KWH
Oriole Pk Net Delivered	953.8 KW	Total KWH On Peak Cost	166.5 Dollar
Peak Schedule Time	Int Peak	Total KWH Off Peak Cost	166.5 Dollar
PSI Past Day KWH	0.0 KWH	Tot KW On Peak Cost Past	166.5 Dollar
PSI Present Day KWH	0.0 KWH	Tot KW Off Peak Cost Past	166.5 Dollar



15. Specification 263213.13 – 5 paragraph 2.4.E1 calls for the engine controller to have a battery backup. The engine controller is understood to be powered by the generator battery and if the battery is not working, then the generator cannot start. Could you please confirm this is required and possibly elaborate on the design intent of having a backup for the controller as well as how this should be achieved?

RESPONSE: The generator battery shall support the associated generator controller.

16. It is assumed that a standby portable generator will be provided and put into place for this project during times when the generator is being worked on. Fuel expenses for running the loads of the stadium could be potentially costly. Could we be provided with direction on how much should be figured for fuel costs. There is no way of estimating this cost as we will have no way to predict potential outages. The projected usage is 36 gallons of diesel fuel per hour. We recommend carrying an allowance of \$5,000 that will be returned to the owner if no fuel costs are required. More money will be requested if additional fuel costs are incurred. Please confirm if this approach is acceptable.

RESPONSE: This is acceptable.

17. Can the technical proposal be uploaded to the website in pieces? Considering that MBE forms are usually the last piece to be completed, trying to upload both the technical proposal and price proposal at the same time could put undo burden upon the contractors.

RESPONSE: Yes, the system will accept multiple files.

18. RFP Section 5.3.C(f) asks for graphics from previous projects. Can these graphics be provided after the proposal due date (1 or 2 days later) so that all negotiations can be sorted out?

RESPONSE: No. Graphics are to be submitted with the proposal.

19. RFP Section 5.3.D appears to be seeking the resumes from whom the General Contractor intends to utilize upon the project along with its own staff. Can the subcontractors resumes be due a day or 2 after the price proposal?

RESPONSE: No. Resumes are to be submitted with the proposal.

20. RFP Section 1.09 Duration of Offer. MSA is requesting 120 days for hold of proposal. Due to volatility within the construction market, can this be reduced to 45 or 60 days to keep undo costs added for inflation, especially since they project is scheduled to be awarded in June 2021.

RESPONSE: It can be reduced to 90 days.

21. Is a bid bond required? If so, is there a particular form you wish to see?

RESPONSE: No. A bid bond is not required. See RFP Section 2.21 for applicable bonding requirements.

22. Specification section 01.10.00-4, 1.8.G. From this paragraph, it seems we will not be able to utilize the restroom facilities within the project. This will require portable restrooms outside of the building. Is there a place to lay out these restrooms. Will we be required to remove these restrooms when the building has a function going on? Where would we place these temporary restrooms?

RESPONSE: Contractors can use the restrooms in the building. No portable restrooms are required.

23. Specification section 01.10.00-31.6.A.2. Areas do not appear to be defined. What is the site limits of disturbance?

RESPONSE: The site is as defined throughout the drawings. M&T Bank Stadium, the Generator Plant, and the pathway between.

24. There appears to be no general requirements specification in the documents. In lieu of these, will the owner be providing the General Contractor a place to hold meetings and utilize as an office within the building? If not, where might we setup a trailer at? And

RESPONSE: MSA will provide a conference room for meetings and a space to use an office.

- a) Will this trailer need to be removed during full day events?

RESPONSE: No trailers should be used.

- b) Will the owner be providing usage charges for all utilities?

RESPONSE: No trailers should be used.

- c) Will temporary storage be available to the contractors?

RESPONSE: Yes.

- d) Will snow plowing be provided by the owner or is the General Contractor expected to pick this up.

RESPONSE: Yes, snow plowing is provided by owner.

- e) Will dumpsters be provided or do we need to provide our own dumpsters in accordance to the recycling policies. Where might these dumpsters be located onsite?

RESPONSE: Dumpsters are to be provided by the contractor. Depending on the time of year, they can be placed on service drive or in the loading dock. They will need to be removed for Ravens games.

25. Will the existing pneumatic air lines be required to be removed where located above hard or specialty ceilings?

RESPONSE: Refer to the drawings (M4.11) for demolition requirements.

26. Are the existing sump pumps being monitored by the BAS?

RESPONSE: No.

27. Are the existing Exhaust fans located in the bathrooms & electrical & mechanical rooms being monitored by the BAS?

RESPONSE: All are connected to the BAS. There are varying levels of control.

28. What type of labeling will be required for the access panels?

RESPONSE: Labels from label makers that are neat and clean are all is required.

29. Will there be an area for storage of materials & supplies for the project?

RESPONSE: Yes.

30. Please provide current generator switch gear drawings and controls drawings.

RESPONSE: Available drawings are attached for reference.

31. Please provide peak shaving sequence of operations.

RESPONSE: Available narrative is attached for reference.