

AMENDMENT NO. A00001
Project 640-15-158
Bldg 100/101 Emergency Power Upgrade

General

The following changes, additions or deletions shall be made to the following Contract Documents. All other conditions shall remain the same.

I. SPECIFICATIONS

- 23 10 00 – Facility Fuel Systems
- 26 22 00 – Low Voltage Transformer
- 26 23 10 – Normal Power Low Voltage Switchgear
- 26 24 16 – Panelboards
- 32 05 23 – Cement and Concrete for Exterior Improvements
- 32 17 23 – Pavement Markings

II. DRAWINGS

Sheet A-521

III. OTHER

IV. BIDDER QUESTIONS AND CLARIFICATIONS

<u>RFI#1</u>	<ol style="list-style-type: none">1. Spec section 26 32 13 ENGINE GENERATORS is the only specification that relates to the fuel oil system. However, there are no specifics about the fuel tank, fuel equipment, etc. The section references spec section 23 10 00, however 23 10 00 is not included in the specification. Without 23 10 00 there is nearly no information about fuel tank and fuel equipment standards. Will spec section 23 10 00 be provided?2. Sheet M701 has the mechanical schedules.<ol style="list-style-type: none">a. Diesel fuel pump schedule: What is the basis of design for all of these pumps and especially MP-01, MP-02 & MP-03?b. Some of the schedules reference a manufacturer. Is it acceptable to provide an equal alternative brand?
<u>Answer</u>	<ol style="list-style-type: none">1. Yes, see attached specifications2.<ol style="list-style-type: none">a. The Basis of design was to fill the day tank at a minimum of four times the diesel engine pumping rate. The MP-01, MP-02 and MP-03 are manually electric driven pump intended to be connected to a portable generator in the event the main pumps are unusable. These manually electric driven pumps are in lue of manual hand pumps.b. It is acceptable to provide an equivalent alternate equipment manufacturer. Coordinate any dimensional changes or requirements with other trades.

<u>RFI#2</u>	<p>Roof and Deck Insulation Spec. 07 22 00. Sub-section 2.3; Insulation Accessories lists the following: Vapor Retarder, Substrate Board, and Cover Board.</p> <ul style="list-style-type: none">- With a concrete-filled metal deck substrate, it is not typical to have a secondary “substrate board” installed over the concrete deck. Please confirm if a 1/2” Substrate board is required for this project, to be adhered directly over the concrete deck.- There is no vapor retarder shown in the roof details for this project, nor is a vapor retarder referenced in the TPO Roof Spec. 07 54 23. Please confirm if a self-adhering vapor retarder is required for this project.
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<u>Answer</u>	<ul style="list-style-type: none"> - Delete deck substrate - Delete vapor barrier
<u>RFI#3</u>	<p>The table of contents lists several sections that appear to not be included in the solicitation attachments. The sections that appear to be missing are: 23 10 00, 26 22 00, 26 23 10, 26 24 16, 32 05 23, 32 17 23.</p> <p>Were these to be part of the project? If so, where can they be located?</p>
<u>Answer</u>	Please see attached specifications.
<u>RFI#4</u>	As this project is located on federal property, will the project be deferring to California state licensing requirements for the fuel storage related work? Or will other states' licensing be acceptable as an or-equal?
<u>Answer</u>	This project shall adhere to all California state licensing requirements for fuel storage related work and shall be completed by a California state licensed contractor for all fuel work and requirements.
<u>RFI#5</u>	Drawing and detail text is overlapping. Can this drawing page be re-issued without overlap?
<u>Answer</u>	See attached drawing A-521.
<u>RFI#6</u>	Per the solicitation on page 73, can the smoke and carbon monoxide monitoring requirements be provided?
<u>Answer</u>	Smoke and Carbon Monoxide monitoring has been determined not to be required for this project.
<u>RFI#7</u>	Provide missing specs for Section 072700 Air Barriers.
<u>Answer</u>	This spec section is not required for this project.
<u>RFI#8</u>	Clarify requirement for required lift gate at service road (rolling or lift?). Provide detailed drawings and foundation requirements. Is this even required if we have 5 removable bollards at the entrance??
<u>Answer</u>	Lift gate is not required. Proceed with removable bollards at the entrance.
<u>RFI#9</u>	Confirm that the Owner will be responsible for all testing and inspection costs and fees.
<u>Answer</u>	The contractor shall be responsible for all testing, commissioning, and inspection costs and fees of all equipment and electrical, mechanical, and control (i.e. SCADA, paralleling generators, etc.) systems for a fully compliant and operational project per drawings and specifications. The owner will not be held responsible for any of these costs and fees.
<u>RFI#10</u>	In reference to Specification 01 00 00 General Requirements, Is it required for the contractor to have separate individuals for superintendent, quality control manager and safety officer for this project?
<u>Answer</u>	It is acceptable to have the superintendent and safety officer as the same individual, however, the contractor shall have a separate person for the quality control manager.
<u>RFI#11</u>	Are the new engine generators required to meet any emissions standards/ratings? (COR RFI)
<u>Answer</u>	Yes, they are required to meet California Bay Area Air Quality requirements for stationary emergency generators. The specific California code regulation for the contractor to adhere to for the new generators is: California Code of Regulation: 17 CCR 93115.

<u>RFI#12</u>	Additional specifications required that were not included in original bid package. (COR RFI)
<u>Answer</u>	See attached specifications for: Facility Fuel Systems, Low Voltage Transformers, Normal Power Low Voltage Switchgear, Panelboards, Cement and Concrete for Exterior Improvements, Pavement Markings.

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END OF AMENDMENT NO. A00001