

Construction of the Flight Projects Building
Solicitation No. NNG13412656E
Questions and Responses
November 21, 2012

1. *The “S” Symbol for light switches has been omitted from revised drawings E-104a and E104b. Are these switches to be omitted or will revised drawings be issued?*

Response – The “S” Symbol for the switches are required for drawings E-104a and E-104b. Revised drawings will be issued as an amendment.

2. *Drawing M-007 Schedule for Single Duct VAV Terminal Units indicates that the various VAV units are to be provided with 120v/24v transformers and disconnects. VAV Units are not shown on electrical plans nor in the Electrical Panel Schedules. Are these units to receive line voltage power?*

Response – Line voltage will be required. Two circuits from 120V panels in each wing will be designated to provide power for the VAV units.

3. *Drawing E-102a indicates a Type C4 fixture is to be installed in Seating area N201 but Type C4 has been removed from the Light Fixture Schedule. Requesting specification for this fixture.*

Response - Fixture type “C4” shall be changed to type “C1”.

4. *Drawing E-104b indicates that Type A fixtures are to be installed in Library S430I. Type A fixtures are not found in the Light Fixture Schedule. Requesting specification for this fixture.*

Response - Fixture type “A” shall be changed to type “A1”.

5. *Details #9, 10, and 11 on E-800 show the conduit for the card readers to be extended to the cable tray. Detail #8 on E-801 shows that conduit is to be extended to the Security System. Card Reader symbol on E-001 indicates that the conduit is to be extended to above the ceiling line. Taking into account that the majority of the cable tray has been removed, what conduit is required between the security devices and the IT Closets? Are conduit stubs to above the ceiling sufficient?*

Response – Conduit stub to above ceiling spaces is sufficient.

6. *The majority of the two and three section panels (i.e. 036-PPL3B15A / 036-PPL3B15B / 036-PPL3B15C) indicate that the “B” and “C” sections are to be*

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fed from 3p 20amp breakers in the preceding electrical panels. Is this correct? What size wire should be used to feed the panel fed from these 20amp breakers?

Response – Two and three section panels indicated on the one line are feed-thru panels with a main circuit breaker at the first panel of the series. Conductor sizes shall match the conductors feeding the first panel.

7. *A-902 Signage Types & Details. Please verify if signage is part of this bid. If so please provide specifications.*

Response – Signage is part of the bid. Drawing A-902 includes all information required for signage. The thickness of the acrylic sheet shall be 0.080” (2.03mm) thick.

8. *Reference Lighting Plan E-101b and Lighting Plan E-104b: Is lighting is missing from the storage room next to the elevator bank? No light fixtures or lighting controls are shown on the plans.*

Response – Storage room shall require a S1 type fixture with a switch mounted on the strike side of the door. Provide power from the adjacent office lighting circuit.

9. *Reference Lighting Plan E-104a and Lighting Plan E-104b: Both sheets appear to be missing occupancy sensors throughout. Are the devices required?*

Response – Switches and occupancy sensors shall be required. An amendment to the drawings will be issued.

10. *Reference Lighting Plan E-104b and Lighting Plan E-701 - Light Fixture Schedule: Type “A” light fixtures are shown in Library Room S430I. Type “A” is not listed in the light fixture schedule. Is type “A” correct? If yes, please provide specifications the type “A” light fixture.*

Response – Fixture type “A” is fixture type “A1”.

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11. *Reference Lighting Plan E-104b: Copy/Supply Room S421 appears to be missing type "V1" light fixtures above and below the cabinetry. Are these light fixtures required?*

Response – The label for the fixture is missing. These fixtures are required and are similar layout to the other floors.

12. *Specification Section 23 00 00-19 2.9.11 c.: this refers to both fibrous glass and elastomeric duct liner. Specification Section 23 00 00-28 3.2.6 refers to ASTM C916, which applies to fibrous glass liner adhesive. Specification Section 23 07 00-15 2.4.2.2 refers to ASTM C 534/C 534M Grade I, which applies to elastomeric duct liner only. Please clarify/confirm which type of duct liner is acceptable.*

Response - The design will accept either one.

13. *Specification Section 23 07 00-15 2.4.2.1 calls for external duct insulation (where required) to be provided in addition to any internal duct lining. Please confirm.*

Response - Please be advised that the design only accounts for transfer ducts with acoustical lining. No other ducts are lined, and the transfer ducts do not need to have external insulation.

14. *Reference: page 5 – Section B – Supplies or Services and Prices. Please confirm that the general contractor will submit with their bid, SF1442, pages 1 through 4, excluding pages 5 through 9.*

Response: All Bidders shall provide the following with their bid:

- **All Bidders complete/sign (SF 1442); all Bidders acknowledge solicitation amendments; all Bidders shall provide a firm fixed price for the Basic Requirement and all three (3) Options by completing and submitting Block 17 Continued, Pages 3-4, Price Proposal Schedule.**
- **All Bidders shall submit a Bid Bond (Standard Form 24) with good and sufficient surety or sureties acceptable to the Government, or other security as provided in Federal Acquisition Regulation provision 52.228-1, in the amount of twenty percent (20%) of the bid price (Basic**

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requirement), or \$3 million, whichever is the lower amount. Bid bonds shall be dated the same date as the bid or earlier.

- **All Bidders shall submit completed Representations, Certifications, and Other Statements of Bidders in accordance with Sections K1 through K6 of the IFB solicitation.**

POTENTIAL BIDDERS

The cut-off date to submit questions to the Contracting Officer is Friday November 30, 2012. This will allow the Government time to ensure that all questions have been answered and posted through the Government Websites (NASA/FedBizOps) in a timely manner before the bid opening date of December 07, 2012.

[End of Questions/Responses]