

Construction of the Flight Projects Building
Solicitation No. NNG12412656E
Questions and Responses
August 9, 2012

1. *Question: Price proposal schedule and drawing C-104 have different designation for the additional parking lot options. Please clarify.*

Response: Per drawing sheet C-105: Bid Option 1A is the west parking addition, whereas Bid Option 3 is numbered per the Price Proposal Schedule. Bid Option 1B is the south parking addition, whereas Bid Option 4 is numbered per the Price Proposal Schedule. The bid options are the same in both documents just numbered differently.

2. *Question: Would you permit non-US Citizens working for US company to attend site visit? Please advise if there are any special requirements.*

Response: For this site visit non-US citizens will not be allowed access, only US Citizens and Lawful Permanent Residents, with a valid Alien Registration Card.

3. *Question: Drawing E101b - Shows office S102 having (1) 3-way lighting switch. But there is no other 3-way switch shown for this office. Please clarify*

Response: This will be a standard (single pole) switch.

4. *Question: Drawing E101b – The decorative sconce fixture (H2) does not have a circuit path outlined for its power provisions. Please Clarify.*

Response: Fixture will be on the same circuit as the other fixtures in the space.

5. *Question: Drawing E101b – At the pantry/lounge area-S119, a series of (V1) lighting fixtures are shown and indicated to be installed for the cabinet mill work. No circuit provision has been assigned. Please clarify.*

Response: Fixture will be on the same circuit as the other fixtures in the space.

6. *Question: Plan L-201 shows a concrete walk and the detail number is missing.*

Response: Concrete Sidewalks shall be 4-inch thick concrete reinforced with welded wire fabric over 4-inch minimum thickness compacted aggregate base.

7. *Question: Drawing E102b indicates the installation of five (5) GTD's (GENERATOR TRANSFER DEVICES) in the Symposium room C211. From technical literature and speaking with PHILIPS representative it appears that the GTD is a 1-to-1 installation device. Please clarify the intent to have 5 lights in the symposium area to be fitted with a GTD device.*

Construction of the Flight Projects Building
Solicitation No. NNG12412656E
Questions and Responses
August 9, 2012

Response: Confirmed, the GTD in the symposium is a 1-to-1 installation.

8. *Question: Plan C-105 shows the HPS and Condensate lines but they are not sized. The Outage Table states the HPS line size between the two manholes as 12". Are we to assume the line from STM-13 to the building will also be 12"?*

Response: The steam and condensate sizes are 4-inch and 2-inch respectively, as indicated on the profile (sheet C-203). No connection to STM-13 (east of project north of Explorer Road) is required for the project.

9. *Question: Are the new CWS/R lines shown on plan C-105 that feed the new Flight Projects building 8" as shown in Detail #7 on plan M-505?*

Response: The chilled water supply and return sizes are 8-inch diameter, as indicated on the profile (sheet C-203).

10. *Question: Could you please designate the Steam MH between STM-12 and building 36 shown in drawing C-105?*

Response: The new steam manhole number is ST-1, as indicated on the profile (sheet C-203).

11. *Question: Where is STMH-13 shown in detail #5 plan M-505? Is this new or existing?*

Response: STM-13 is east of project area, north of Explorer Road.

12. *Question: Plans C-105 & C-001 notes CWS & CWR as Chilled Water Supply and Return respectively. M series plans refer to CWS & CWR as Condenser Water Supply and Return and Chilled Water Supply and Return as CHWS & CHWR. Please clarify.*

Response: Please refer to the discipline's general notes sheet. Civil abbreviations CWS & CWR are the same as Mechanical CHWS & CHWR.

13. *Question: Underground chilled water distribution piping specification differs between section 33 61 00 and section 33 61 14. Which one is to be used for chilled water piping?*

Response: Both sections are apply, supporting each other. Please note section 33 61 14 applies to certain sizes of underground chilled water pipes that require insulation. Larger sized underground chilled water pipes do not typically require insulation, except for when they cross with steam pipes.

Construction of the Flight Projects Building
Solicitation No. NNG12412656E
Questions and Responses
August 9, 2012

14. *Question: Specification 23 00 00, paragraph 1.2 refers to section 23 64 26, and paragraph 2.13.2 refers to section 23 22 26.00 20. Please provide these two sections.*

Response: The two sections 23 64 26 and 23 22 26.00 20 will be provided through a solicitation amendment issued on or about August 13, 2013.

15. *Question: Specification 23 09 23.13 20, paragraph 1.7 states, "Personnel shall be Certified Johnson Controls Authorized Specialist". Should we presume that the BACNet DDC System to be one furnished and installed by Johnson Controls?*

Response: The sentence "Personnel shall be Certified Johnson Controls Authorized Specialist." Shall be deleted from the specification section.

16. *Question: Drawing E103b – The hallway between the janitor closet-C306 and the storage closet C303 has a shaded square similar to the C-1 fixture symbol. Please clarify fixture type.*

Response: Confirmed, fixtures are C-1 fixtures.

17. *Question: In drawing E104a, the two small conference rooms N441 & N423, have unidentified symbols. Please clarify light plan for these rooms.*

Response: Fixtures are F-1 type.

18. *Question: Drawing E104b – At the seating area shown in hallway S403, two C-1 symbol are shown very close to each other. Are there two fixtures or just one?*

Response: It is one fixture; the fixture has been tagged twice.

19. **Question: Drawings E105a and E105b for penthouse lighting show two types of "S1" fixtures. Are these different types or does one need additional accessories? Please clarify the intent.**

Response: No, fixtures are the same. One is on the normal circuit, the other is on the egress circuit.

20. *Question: Drawing MP101-B refers to M400. Please provide missing M400 drawing.*

Response: This is a typo, please refer to sheet M401.

21. *Question: Pages 6,7,8 of the RFP seem to be a repetition of pages 3,4,5, except that there appears a "TBD" text where the amounts are to be inserted. Are we supposed to submit pages 6-8 with our proposal?*

Construction of the Flight Projects Building
Solicitation No. NNG12412656E
Questions and Responses
August 9, 2012

Response: The “*TBD*” text on pages 6, 7, and 8 of the IFB is a fill-in to be completed by the Government with the low bidder’s amounts. All Bidders shall complete and submit the Price Proposal Schedule SF 1442, Block 17, Continued, Pages 3-5.

22. *Question: Item B.2 on page 8 is not included on page 5 after option 4. Is it required?*

Response: No Item B2 is not required to be completed by the bidder. The bidder shall complete and submit the Price Proposal Schedule. Item B2 Firm Fixed Price is indicated with a “*TBD*” which is a fill-in to be completed by the Government with the low bidder’s amount.

23. *Question: Page 66, Item 3 describes the requirements if the bid is delivered by company employees. Item 3.f on p.67 describes how vehicles that pass inspection can proceed to Building 16W Shipping and Receiving dock, ONLY. However, p.65, last sentence, states that hand-delivered bids will be received at the NASA/GSFC Visitor Center (not Building 16W). Please clarify location of bid delivery, if delivery is by company employees.*

Response: There are separate bid hand delivery and mail delivery instructions. The hand delivery instructions state: *All individuals planning on hand delivering their bids shall be at the NASA/GSFC Visitor Center located The Goddard Visitor Center located off ICESat Road (formerly Soil Conservation Road) by 2:00 PM on Monday, August 27, 2012.*

24. *Question: Please clarify if the documents and responses posted in fbo prior to July 23, 2012 are contractually binding?*

Response: The documents posted on and after July 23, 2012 are contractually binding. The documents posted prior to July 23, 2012 were for informational purposes only.

25. *Question: All site furnishing, except Bike Racks, indicated in specification 12 93 00 are stated as ‘N.I.C’ in drawing L-502. Please confirm the contractor is not responsible for furnishing or installing the items shown as ‘N.I.C’.*

Response: Confirmed. The contractors are not responsible for furnishings or installing items shown in ‘N.I.C’. Only the bike racks are required.

Construction of the Flight Projects Building
Solicitation No. NNG12412656E
Questions and Responses
August 9, 2012

26. Question: *Please issue signage specification.*

Response: Please refer to sheet A-902 for information regarding the signage.

27. Question: *Please provide dimensions for the run of duct on MH-104A between rows D & E to the right of column 1.*

Response: The dimension is 12x8.

28. Question: *In drawing MH-101A, please specify duct size on the outlet side of the Following:*

- a. 036-VAV001001
- b. 036-VAV001023
- c. 036-VAV001024
- d. 036-VAV001005
- e. 036-VAV001010

**Response: a. Duct size is 14" Ø
b. Duct size is 12" Ø
c. Duct size is 8" Ø
d. Duct size is 14" Ø
e. Duct size is 12" Ø**

29. Question: *The Air Device Schedule on sheet M-002 shows CD-2 with a neck size of 8". There are four of these devices shown as 6" in PRODUCTION ROOM N130J. Please clarify.*

Response: They are all 8"Ø branches and flexes.

30. Question: *The Air Device Schedule on sheet M-002 does not provide a neck size for CR-3. In drawing MH101A, two of these devices near rooms COPY/SUPPLY N121 & CIRCULATION N100 are shown connected to un-sized flex duct. This also occurs in the same area in drawing MH-102A, MH-103A, MH-104A, MH-101B, MH-102B, MH-103B & MH104B. Please clarify.*

Response: CR-3 with duct connection should all be 8"Ø neck size. CR-3 without duct connection should be all open to above the ceiling.

Construction of the Flight Projects Building
Solicitation No. NNG12412656E
Questions and Responses
August 9, 2012

31. *Question: In several instances, smaller transfer ducts are not sized in the following drawings. Please provide.*

- a. MH-101A
- b. MH-102A
- c. MH-103A.

Response: Please refer to note 2 of detail #1 on M-501. All smaller transfer ducts are standard size, 8x8 clear.

32. *Question: Please designate Air Device in the following rooms:*

- a. Drawing MH-102A, outside of OFFICE N206
- b. Drawing MH-104BA, south of STORAGE S458A

**Response: a. Air device for drawing MH-102A outside of OFFICE N206 is CR-3
b. Air device for drawing MH-104BA south of STORAGE S458A is CR-1**

33. *Question: On drawing MH-103A, OFFICE N313, there is a damper with no duct. Please clarify.*

Response: The damper shown in Office N313 does not have a duct. Please disregard this damper.

34. *Question: On drawing MH-101B, between rows AA & BB, south of column 8, 036-PSF001 is shown. This item is not scheduled. Please clarify.*

Response: It should be labeled 036-SAF001.

35. *Question: Specification 26 05 13.00 40 – Article 1.4, requires Radiographic testing. Typically this type of testing is conducted on the pothead of a transition from an overhead MV/HV distribution system to an underground MV/HV distribution system. The radiographic test is then used to identify air gaps and potential weakness in the pothead of the transition. This projects MV tie-inpoint is at an existing electrical manhole where a pothead application is not a feasible approach. The specification is silent on what is to be radiographic tested. Please clarify.*

Response: Radiographic Testing is not required for section 26 05 13.00 40.

[End of Questions/Responses]