DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMAND, PACIFIC
258 MAKALAPA DR., STE. 100
PEARL HARBOR, HI 96860-3134

06 November 2014

N62742-15-R-1301

FY14 MCON P-907 MV-22 PARKING APRON AND INFRASTRUCTURE AND FY14 MCON P-908, HANGAR, MARINE CORPS BASE HAWAII, KANEOHE, HAWAII

NOTICE NO. 2

NOTE: The following questions and answers are provided for INFORMATION ONLY. The RFP remains unchanged unless it is amended in writing on a Standard Form 30. Please be advised that question asked 10 calendar days before the closing date may not be answered.

8. On Sheet E102 of P908 Plans, the note indicates “308 PV Modules”, but on Sheet ES113 of P907 plans, the note says “224 PV Modules”. However, P907 and 908 shows the same location for PV panels which is at the parking lot. Please confirm which PV modules will govern.

RESP: (P-907) Drawing C-545 revised from “224” PV modules to “308” PV modules (See Sketch SK-001). See **Amendment 0002**.

9. Section 08 41 23 – Steel framed Entrances and Storefronts: Para: 1.4.7 Page 4 calls out for STC rating 44. However, the related Sections 08 55 23 and 08 41 13 is not calling out for such requirement. Please clarify it.

RESP: See **Amendment 0002**.

10. Section 08 41 23 – Steel framed Entrances and Storefronts: Para: 1.4.7 Page 4 calls out for STC rating 44. However, the related Section 08 81 00, para. 2.2.1 is requiring for the rating which is not less than STC 35. Please clarify what the minimum requirement is.

RESP: STC rating will be revised from STC 35 rating to STC 42. See **Amendment 0002**.

11. DWG P601: The gas single line for P907 shows a 3000 gal tank. There is no specification for this tank. We assume this tank is to be excluded. Please verify or provide specifications.

RESP: The base service provider will furnish and install the LPG tank. No tank specification is required.

12. Plans, specifications, and NFPA 409 requires hydraulic calculations to include flows from the overhead sprinkler system operating simultaneously with the low level AFFF system. As both systems share a common supply, hydraulic calculations require the systems to be hydraulically balanced. Can a fire sprinkler simulation hose header be added to mimic the flow of the overhead sprinkler system during AFFF discharge testing in order to recreate hydraulic calculation conditions and in order to test and verify the water supply to the hangar? If a simulation hose header is not to be added, please advise if testing of the AFFF system should be performed as a stand alone test, with no sprinkler flow simulation.

RESP: Fire sprinkler simulation hose header will be added to account for the flow of the overhead sprinkler system during AFFF discharge testing. See **Amendment 0002**

13. DWGs FP115 and FP116: Detail A/FP-115 and A1/FP-115 indicate a solution test valve at each of the two (2) AFFF risers, in both the east and west foam rooms. Detail 2/FP-116 shows a detail of a foam test connection. Where is this test connection to be located? Can both AFFF risers share the same foam test connection? I.e., one foam test connection for the east foam room (connected to the 2 AFFF risers in the east foam room), and one foam test connection for the west foam room (connected to the 2 AFF risers in the west foam room).

RESP: See Amendment 0001.

14. DWG FP115: Plans do not seem to indicate a spill containment system for the AFFF concentrate tanks located in the East and West Foam rooms. Per UFC 4-211-01N :: 3-10.4.11 - Spill Containment, "The AFFF concentrate tank(s) shall be provided with spill containment i.e., provide berm to contain any spill or leak. Containment area shall be capable of containing 100 percent of the foam concentrate stored. Do not provide floor drains inside the berm area." Will a spill containment system be required for the East & West Foam Room?

RESP: Spill containment will be provided by curbs around the AFFF rooms. Removal of the floor drain, relocation of the eyewash to the exterior, provision of curb under the masonry wall and provision of concrete slab for the skid mounted foam pumps will be included. See **Amendment 0002**.

15. Section 21 13 13.00 20: The fire suppression system design requires two 2500 gpm fire pumps flowing at 150%, for a total of 7500 gpm flowing from the existing tanks. Our concern is that at 7500 gpm, the friction loss through the fire pump supply piping may create negative pressures at the fire pump suction in excess of what is allowed by NFPA 20. Section 21 13 13. 00 20, paragraph 1.3.6 calls for hydraulic calculations to begin at the discharge side of the fire pumps, the fire suppression contractor will not be required to analyze the friction loss between the fire pump suction and the gravity tanks, which means that any issues with the fire pump suction may not become apparent until the testing and commissioning of the fire pumps. Please confirm that the friction loss between the gravity tanks and fire pump suction will allow flow for a fire pump flow of 7500 gpm, while maintaining suction pressure at the fire pumps as required by NFPA 20.

RESP: Hydraulic calculations to begin at the connection to the existing water tanks (two - 400,000 gallon capacity each). See **Amendment 0002.**

16. Please confirm that the government will be considered the generator of any existing hazardous waste that may be encountered on the site and will sign all manifests.

RESP: MCBH will be the generator and the Contractor shall be responsible for any waste-related chain of custody documentation. See Section 01 57 19.00 20, paragraph 3.13.1.

17. Please confirm that all of the furniture and equipment shown and listed on the I series drawings is part of the FF&E amount provided for CLIN 000501.

RESP: That is not correct. See DWG I-121, notes 1, 2, and 3.

18. Please confirm no Window Shades are to be provided at Window Type W-3 and W-4.

RESP: That is correct.

19. Please provide details on the Building Number Signage identified on DWG A-110.

RESP: See (P-908) DWG A-704.

20. Please provide details on the Building Number Signage identified on DWG A-120.

RESP: See (P-908) DWG A-704.

21. Please confirm that the Interior Signage Schedule identifies all signs, including Types A, B, C, and D, that are to be provided for the project.

RESP: Section 10 14 00.20 identifies interior signs Types A, B, and C used within the hangar building. Type D signs are exterior building number identification signs.

22. Section 10 14 01 calls for 2 EACH signs at the Utility Building; however, DWG A-153 only identifies 1 EACH sign. Please confirm the quantity of signs to be provided at the Utility Building.

RESP: DWG A-153 to add one additional sign. See **Amendment 0002**.

23. Section 10 14 01 calls for 1 EACH exterior building number sign at Trash Enclosure; however, drawings do not identify the Trash Enclosure. Please provide location of Trash Enclosure.

RESP: See (P-907) DWG C-117.

24. Partial Floor Plans for Men's/Women's Bathroom are provided; however, elevations identifying specific items are not provided. Please provide elevations identifying Toilet Accessories, and Metal Lockers to be provided.

RESP: See DWGs I-214, I-215, I-233, and I-237. Add soap dispenser, seat cover dispenser, toilet tissue dispenser, towel bars to CO/XO Restroom 203a. See **Amendment 0002**.

25. Section 10 28 13, 2.1 third paragraph calls for "shower sheet (accessible shower stalls only)." Please verify and confirm this reads correctly and provide product information for shower sheet.

RESP: “Shower sheet” should be “shower seat” See **Amendment 0002.**

26. Section 10 28 13 calls for "Glass Mirrors"; however, drawings do not identify where these are to be located. Please provide location and quantity for "Glass Mirrors".

RESP: See DWGs I-214, I-215, I-233, and I-237.

27. Section 10 28 13 calls for "Combination Paper Towel Dispenser/Waste Receptacle"; however, drawings do not identify where these are to be located. Please provide location and quantity for "Combination Paper Towel Dispenser/Waste Receptacle".

RESP: See DWGs I-214 and I-237.

28. Section 10 28 13 calls for "Shelf, Metal, Heavy Duty"; however, drawings do not identify where these are to be located. Please provide location and quantity for "Shelf, Metal, Heavy Duty".

RESP: “Shelf, Metal, Heavy Duty” will be deleted. See **Amendment 0002.**

29. Section 10 28 13 calls for "Shelf, Metal, Light Duty"; however, drawings do not identify where these are to be located. Please provide location and quantity for "Shelf, Metal, Light Duty".

RESP: See DWGs I-214, I-215, and I-237.

30. Section 10 28 13 calls for "Towel Bar"; however, drawings do not identify where these are to be located. Please provide location and quantity for "Towel Bar".

RESP: Add 3-18” towel bars, two located adjacent to CO/XO shower, and one located adjacent to CO/XO lav counter. See **Amendment 0002**.

31. Section 10 28 13 calls for "Mop and Broom Holder"; however, drawings do not identify where these are to be located. Please provide location and quantity for "Mop and Broom Holder".

RESP: See DWGs I-214, I-219, and I-238.

32. Local asphalt producers are not able to meet the requirements of aggregate gradation #3 but can make a State Mix V or FAA3Q. Is this substitution acceptable?

RESP: Hawaii DOT Section 703.09 Aggregate Mix Grade V is an acceptable substitution for Section 32 12 15.13 Aggregate Gradation 3. The Contractor shall make appropriate adjustments in the JMF per the gradation modification. See **Amendment 0002**

33. DWGs A-401 and A-402 call for Built-In Bench with the Single and Double-Tier Lockers. Please provide details for the Built-In Bench.

RESP: See DWG A-703.

34. Per Spec Section 08 39 54: 1.2 System Description. “Provide a blast resistant door which fits a door description as follows: Fiberglass Reinforced Plastic …..” In discussion with multiple FRP door manufacturers, none can provide/meet the blast pressure requirement. Please confirm that it is acceptable to replace the exterior FRP doors with blast resistant steel doors.

RESP: Response is deferred.

35. Technical Proposal Factor C – Safety:

a. The second sentence of the paragraph at the top of page 6 of Document 00202 starts with “(h)igher rates for either EMR or DART…”. However, only TRC and DART rates for the three (3) pervious complete calendar years are requested. Therefore, please confirm that the sentence should instead refer to “TRC” instead of “EMR”.

RESP: Yes, it should be “TRC” versus “EMR.” See **Amendment 0002.**

b. Please advise how the government determined the acceptability standards of 4.0 or less for TRC rates and 3.0 or lower for DART rates.

RESP: The standards were determined by NAVFAC.

36. Reference: Spec Sections 32 13 11 and 32 13 12 are related to Concrete Airfield Pavement and High Temperature Concrete Airfield Pavement.

Question:

The above two spec sections indicate to use self-propelled slip form paving to place and finish concrete airfield pavement. Both Airfield and Non- Airfield pavements have irregular shapes, small pavement sections and does not have long continuous paving lanes to justify using self-propelled slip form paving. Please advise if roller / clary screed or truss screed will be allowed to place / finish the concrete and waive using slip form or bid well due to project condition.

RESP: For irregular shapes and small pavement sections, clary screeds, other rotating tube floats or bridge deck finishers are allowed per paragraph 2.20.5.e.

37. We are requesting an extension of the bid to Tuesday November 18th due to all day obligations on the 13th.

RESP: See **Amendment 0002**.

End of Document