



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

Notice No. 3
28 June 2016

PRE-PROPOSAL QUESTIONS & ANSWERS

SOLICITATION N62742-16-R-1309
FY16 MCAF PROJECT P-3028/AJY133028 LOW OBSERVABLE/CORROSION
CONTROL/COMPOSITEREPAIR SHOP, JOINT REGION MARIANAS-ANDERSEN
AIR FORCE BASE, GUAM

NOTE: The following questions and answers are provided for INFORMATION ONLY. The solicitation remains unchanged unless it is amended in writing on a Standard Form 30.

3. Section 01 45 00.00 20, page 6, Item 1.5.4.1 states that the Government will provide a Commissioning Authority (CxA) who, while subordinate to the general contractor's QC Manager, will direct & coordinate the actions of the General contractor's QC specialists, Testing Lab personnel, OMSI preparer and other inspection & testing personnel required for building commissioning.

While Section 01 91 00.00 20, page 2, item 1.4.1 states that the General Contractor's commissioning QCR shall be responsible for the overall coordination of the contractor & sub-contractors in the execution of the commissioning activities required by this specification.

QUESTION:

Will the Government please clarify the apparent leadership conflict in the executive oversight of the building commissioning?

ANSWER: Clarification regarding building commissioning will be provided in a forthcoming amendment.

37. Drawing A-650, Keynotes – 609 & 610; Flammable Storage Cabinet Size & Specification:

Reference to Drawing No. A-650 and Keynotes 609 & 610, Can you please provide the dimension and specification for the Flammable Storage Cabinets shown on 1/A-650 Equipment Plan and Keynotes 609 and 610.

ANSWER: These items are government-furnished. Clarification will be provided in a forthcoming amendment.



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38. Drawings E-111, E-112, E-115 & E-611; Lighting Fixture Schedules Clarification:

Reference to Drawing E-111, E-112 & E-115 Lighting Plan, the quantities shown on the plans per type of lighting fixtures does not match to the quantities of Light Fixture Schedule on E-115 (CDF-Light Fixture Schedule) & E-611 (Light Fixture Schedule). Please give us direction on which quantities will be followed.

ANSWER: The contractor shall provide the number of lights fixtures per the contract documents. The quantity indicated on the light fixture schedule refers to the number of lamps per fixture and not the number of fixtures for the project.

39. Drawings A131 & 2/A202, Keynotes – 166

Reference to Drawing No. A-131 and Keynotes 166, 12 ea. Downspout are shown on detail 2 & 3/A131 per each thru wall scupper opening while on drawing 2/A-202, there are only 7 ea. of downspouts provided which excludes downspouts running over the louvers and glass blocks areas. Please clarify & confirm that the downspouts shown on 2/A202 “Exterior Elevation – West” drawing will be followed.

ANSWER: 12 scuppers convey stormwater to a gutter which has 7 downspouts. Exterior elevation indicates the correct number and location of downspouts.

40. Drawing P-104, Keynote – 32; Plumbing Clarification:

Reference to Drawing No. P-104 “Plumbing First Floor Plan Area A”, please clarify what is the keynote 32 shown on Mechanical Room.

ANSWER: Keynote 32, as indicated in the second column of Keynotes on P-104, is identifying sink SK-2 in Rooms 118 and 119.

41. Specification Section 11 50 10 Par. 1.4, SD-05 Design Data (pg 5); Engineering Stamp:

Will a WI engineering stamp (or other US) be acceptable?

ANSWER: Professional Engineer currently licensed by a United States state, commonwealth, territory, or the District of Columbia is acceptable.



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42. Specification Section 11 50 10 Par. 2.2.1, Insulated Booth Panel (pg 10):

Will a standard 2 1/2" insulated booth panel, the same as specified for the Component and Blast booths be acceptable for the F22 booth as well? The same panels were reviewed and approved for use at Langley and Tyndall AFB.

ANSWER: The F22 booth is a delegated design system that must be submitted as a completed package and not as parceled components.

43. Specification Section 11 50 10 Par. 2.2.6, Electrical Classification (pg 10):

Section 11 50 10-2.2.6 specifies the electrical classification within 3' of any door to be Class 1 Div 1. NFPA 33 dictates any area outside of the booth but within 3' of an opening to be Class 1 Div 2. Would Class 1 Div 2 be acceptable for this location?

ANSWER: The area within the booth shall be Class I Div 1, the area outside the booth to within 3'-0" of the opening should be Class I Div 2 in order to comply with NFPA 33 and NFPA 70.

44. Specification Section 11 50 10 Par. 2.2.6, Ladders (pg 12):

Section 11 50 10-2.2.6 indicates that all ladders to be hot dipped galvanized. Would painted A706 carbon steel (safety yellow) be acceptable? Similar amendments were made for the Langley and Tyndall AFB equipment as well.

ANSWER: A706 steel is not acceptable. Provide per contract documents.

45. Specification Section 11 50 10 Par. 2.3.3, Duct Mounted Smoke Detectors (pg 13):

Please confirm the requirement for duct mounted smoke detectors with this equipment with no gas fired heating source present. To our knowledge there are no smoke detectors available for Class 1 Div 1/Div 2 locations such as the recirculation ductwork.

ANSWER: This is a requirement of air flow rate and not the heating source. Duct mounted smoke detectors are required for both the make-up air unit and the recirculation fan.



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46. Specification Section 11 50 10 Par. 2.3.5g, VOC Detection (pg 14):

Please confirm the requirement for VOC detection. There are currently no provisions required for removal/management of VOCs. This requirement was also removed from the Langley and Tyndall AFB specifications. LEL will be included to satisfy the safety requirements for the recirculation system.

ANSWER: Provide VOC detection per contract documents.

47. Specification Section 11 50 10 Par. 2.3.14, Fans (pg 19):

The heat gain generated from the recirculation fans and amu supply fan is such that the required air supply temperature (from the amu) to the booth will be 60-65F to maintain the desired 75F within the booth. This leaves very little energy recovery reheat capacity to justify the heat pipe system for the recirculating booth. Can this be removed from the aircraft booth only?

ANSWER: Provide system per contract documents.

48. Specification Section 11 50 13 Par. 2.1.2, Filters (pg 4): Would 24" x 24" filters to match the aircraft booth be preferred to reduce the number of stocked parts?

ANSWER: 24"x24" filters meeting specified filtration efficiency may be provided in lieu of the specified 20"x20" filters. Clarification will be provided in a forthcoming amendment.

49. Specification Section 11 50 13 Par. 2.3.1 & 2.3.2, T5 Lights (pg 5): Would T5 lights to match the aircraft booth be preferred to reduce the number of stocked parts?

ANSWER: Contractor may propose alternatives as variances for approval after contract award as long as required lighting levels are maintained.

50. Specification Section 11 50 19 Par. 2.2.2, Air Velocity Requirement for Dust Booth (pg 4): Please confirm the air velocity requirement for the dust booth. The statement in 2.2.2 (140 fpm) conflicts with 1.4.1.1 (100 fpm)

ANSWER: 100 fpm is required. Correction to be included in a forthcoming amendment.



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51. Specification Section 11 50 19 Par. 2.3.4, Filtration System (pg 4): Please confirm the filtration system required. 2.3.4 (Cartridge Filters) conflicts with 1.4.2 (3 Stage).

ANSWER: Cartridge filters are to be provided. Correction to be included in a forthcoming amendment.

58. Drawing C-100, Site Demolition Plan – LO/CC/CRS: Drawing C-100 is not showing the items where the keynotes are pointing. Keynote 1 – Remove existing chain link fence, the callout is shown but the chain link fence is not shown. Same for all other keynotes. Please provide a complete C-100 drawing.

ANSWER: Revised Drawing C-100 will be provided in a forthcoming amendment.

59. Refer to DOCUMENT 00700, NEGOTIATED CONTRACT CLAUSES 1.24 page 2 of 16. (c) Complete the entire work ready for use not later than 540 calendar days after notice to proceed. After thorough and considering RFP requirements such as Phasing, MEC Clearing, Government Relocation, Government Reviews, etc. We feel the 540 calendar days contract duration is not enough. We respectfully request an additional 180 calendar days contract duration for a total of 720 calendar days.

ANSWER: A 720 calendar day duration is acceptable and will be included in a forthcoming amendment.

60. Exterior Concrete Wall Coating requires same material as Silicone Elastomeric Roof Coating under spec section 07 57 12. Does exterior concrete wall paint require 60mil overall thickness same as roofing system requires?

ANSWER: Provide manufacturer's recommended thickness for a vertical application in order to achieve the required warranty duration.

61. Spec Section 07 57 12 Silicone Elastomeric roof coating requires solid contents over 90% under the paragraph 2.1.1 Type A Coating, and Drawing I-501 shows sample product as GAF brand, and either GAF or other brand products may not suitable for vertical wall application because it will dripping down.

We are not able to find any silicone product meets 90% solid contents and vertical application availability. Please clarify.

ANSWER: Products exist to achieve base required 90% solids content.



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62. Drawings A-301, Keynote 306, Silicone based roofing has high-gloss finish. If this paint applies to all exterior of structure, disturbing glare may be expected to the aircrafts. Please clarify if this issue was considered.

ANSWER: The issue was considered since the base design guidelines require this product and color.

63. Drawing A-421 Detail 4 calls out stainless steel stringer refer to structural. However, we are not able to find related information on structural drawing. Please clarify the size of the SSTL channel.

ANSWER: The specification section identifies the stair system to be a delegated design to comply with the indicated design criteria.

64. Drawing A-601 Detail 7 shows the corner guard, please clarify applicable area of the corner guard.

ANSWER: There are only two that are required in Admin Area 102 by Door 101B. Locations to be clarified in a forthcoming amendment.

66. Reference Drawing Sheet C-0001 Hazardous Material Demolition Note C and Environmental Report 3_Soil Screening Survey Report-Revision-19 May2013. After contract award, the contractor is required to collect samples under the slab of existing building to be demolished and analyze for pesticides by the EPA Method 8081 and identify the level of pesticide concentration and restriction of re-use on-site. Please confirm only the testing and sampling cost will be included in the bid offer and in the event the sampling and testing results yielded a concentration of pesticide that exceeded the regulatory criteria, managing pesticide-impacted soil to include shipping off-island for soils exceeding hazardous waste criteria will be handled as a changed condition and a contract modification will be issued by the Government to address this unforeseen condition.

ANSWER: See response to Question 26.

67. Reference Drawing Sheet C-100 Site Demolition Plan. Key notes identify the work to be demolished but the plan doesn't show the item to be demolished. Please provide site demolition plan that will assist the bidder to quantify the extent of site demolition work.

ANSWER: Revised Drawing C-100 will be provided in a forthcoming amendment.



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68. Specification Section 07 25 00 Building Air Barrier System:

- 1) Does the paint booth require Pressure Testing?
- 2) Does the office area require Pressure Testing?
- 3) If the answer to #1 or #2 is affirmative, please provide the Pressure Testing Design and Pressure Testing Design Specifications

ANSWER: Section 07 25 00 provides testing requirements. Refer to Detail 3 on A-141 for air barrier limits.

120. I did not see any Autoclave on this project are they required?

ANSWER: Response deferred.

121. I did not see any walk in Freezer for composite material storage, are they required?

ANSWER: Response deferred.

122. In the SWPPP document Page 5, it mentions that the demolition included building #18018 and building #18075I, on the plans it says we need to also do demolition on Bldg. #18019. Please clarify.

ANSWER: Response deferred.

123. Are Drawings A-010, M-010, E-105 the only demolition plan for Bldg. #18013? Please clarify.

ANSWER: Response deferred.