



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

Notice No. 7
11 July 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.

128. Reference to Specification Section 11 50 16 "Component Plastic Media Blast Booth", below are some questions and clarification from Component Plastic Media Blast Booth manufacturer/supplier as follows;

- 1.4.1.1 PMB Booth: We are assuming "spray booth" is in error
- 1.4.2 PMB Filtration Systems: Please confirm this is the correct type of filtration needed. The requirement listed for the intake filtration is not standard with a PMB system. This material is typical a 'horse air' material. The specification listed is typically found on paint booths.
- 1.4.2 PMB Filtration Systems: This is not an exhaust filtration system designed for a PMB system. PMB systems use cartridge style filters contained within a modular style dust collector.
- 1.6.1.1 Cooling Only: Please confirm the need for cooling. This not a typical not found in PMB systems as the process does not require treated air. If the intent for the cooling air is artisan comfort, there are air driven cooling suits available that can lower the temperature as much as 30 degrees below ambient.
- 2.2.1 PMB Construction: The specifications listed are not for the design of a PMB system, but are a typical design of a paint booth. PMB facilities should be designed of gauge 12 steel walls and 14 gauge ceilings. They should be bolt together and modular in design.



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- 2.5, 2.5.1, 2.5.2 & 2.5.3 are not designed for use with PMB. PMB systems use vertical positioned cartridge style filters contained within a modular style dust collector with a platform and rails for ease of maintenance and filter replacement.
- 2.5.4 Filter System Performance: NESHAP 319 is not a requirement of a PMB system
- 2.5.6 Exhaust: Filter racks are not an approved design for PMB systems. A dust collector style filtration system should be used.
- 2.6.1 Control Panel:
 - o a.: Please confirm the need for a VFD. This is typically found in paint booth applications.
 - o f.: Please confirm the need for this requirement as this is also typically found in paint booth systems
 - o h. Please confirm the need for 'make-up air' heat and the accompanying control package.
- 2.7 Exhaust Fans: This section contains specifications associated with paint booths. Confirm this requirement.
- 2.8 Replacement Air Ventilation Units: This section contains specifications associated with paint booths. Confirm this requirement.

ANSWER: Clarification will be provided in a forthcoming amendment.

130. Specification Section 08 56 53 - Blast Resistant Window/Panel; Drawing A-642, Detail 5.6:

For Glass Block on the drawing A-642 shows that glass block needs to be Hurricane Resistant. However, the Specification 08 56 53 paragraph 2.2.2 requires Ballistic/Blast Resistant glass block.

Hurricane Glass block is one assembled, factory fabricated panel unit, but Ballistic (Bullet Proof) glass blocks are individual blocks to be installed at the job site. Which product is what designer intended to select?

ANSWER: Bullet proof is not the requirement. Blast resistant and hurricane resistant is the requirement.



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131. Specification Section 09 90 00 - Paint and Coatings:

Please clarify proper paint on Steel Structure (Truss). The structural steel members are all Hot-Dip Galvanized and located indoor.

Specification 09 90 00 indicates as below;
Interior metal (Epoxy primer&top coat),
Exterior new metal (Epoxy Primer+Urethane or oil base) and
Exterior Galvanized (Epoxy primer+Acrylic)

Please clarify MPI for Interior Galvanized Steel paint.

ANSWER: Provide as indicated for interior metal.

132. Coatings Restoration Bay Booth Section 11 50 10:

Section 11 50 10, page 10, Part 2.2.1 Construction which states "Insulation value of panels to be a min of R-13". Our standard foam core panel utilizes dual 20 ga. skins, is 2" thick and has an insulation value of R-14. Would these be acceptable?

ANSWER: See response to Question 111.

133. Component Paint Spray Booth Section 11 50 13:

Section 11 50 13, page 4, Part 2.1.1 Spray Booth Construction states "Dual skin, galvanized sheet metal (painted white) with a 63mm (2 ½") insulated core". Also no R-value is specified. Are we to refer to Section 11 50 10, page 10, Part 2.2.1 Construction which states "Insulation value of panels to be a min of R-13"? Are the previously referenced 2" thick panels noted above acceptable?

ANSWER: See Amendment 0003.

134. Component Plastic Media Blast Booth Section 11 50 16:

Section 11 50 16, page 4, Part 2.1 Acceptable Manufacturer states "Manufactured by Global Finishing Solutions or prior approved equal". Please provide us with your listing of prior approved equals.

ANSWER: See Amendment 0003.



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135. Component Plastic Media Blast Booth Section 11 50 16:

Section 11 50 16, page 4, Part 2.2.1 PMB Booth Construction states “Booth chambers and plenums to be constructed of un-painted 0.9 mm (20 gauge) dual skin, galvanized sheet steel with a 63 mm (2-1/2 inches) insulated core.” No R-value is given. Are we to refer to Section 11 50 10, page 10, Part 2.2.1 Construction which states “Insulation value of panels to be a min of R-13”? Are the previously referenced 2” thick panels noted above acceptable?

ANSWER: Clarification will be provided in a forthcoming amendment.

136. Component Plastic Media Blast Booth Section 11 50 16:

Section 11 50 16, page 1, Part 1.1 Summary states “PMB storage hopper, PMB on-floor collection system”. We would like clarification of what size storage hopper, in cubic feet, is required and if more than one hopper is required. We also need clarification as to what type of “PMB on-floor collection system” is requested, for example mechanical or pneumatic? Single Screw Reclaim Floor, H-Shaped Partial Reclaim Floor, U-Shaped Partial Reclaim Floor, Full Floor Reclaim System? Are we to assume that we provide the same blast equipment that GFS would provide with their approved booth? We assume the blast equipment is not actually manufactured by GFS. Please provide us with a list of prior approved blast equipment manufacturers along with your component selections.

ANSWER: See Amendment 0003.

137. Sanding and Dust Booth Section 11 50 19:

Section 11 50 19, page 4, Part 2.1 Acceptable Manufacturer states “Manufactured by Global Finishing Solutions or prior approved equal”. Please provide us with your listing of prior approved equals.

ANSWER: See Amendment 0003.



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138. Sanding and Dust Booth Section 11 50 19:

Section 11 50 19, page 1, Part 1.1 and page 2, Part 2.2.2. For clarity, please refer to these as Option 1 and Option 2. Please advise which one of these is appropriate?

Option 1: "Work Included: Furnish and install a parts cross draft paint booth that shall include a bridge style supply air plenum with intake air filters, industrial style exhaust plenum with three-stage particulate exhaust filtration, make-up air-handling unit and exhaust fan(s). Furnish and install with control panel and exhaust fan speed controller." Airflow is 100 fpm with the only filtration to be normal paint booth supply filters and NESHAP exhaust filters. It is our opinion that this is not likely what you want.

Option 2: "Air shall be supplied to the dust booth from the surrounding shop space. No dedicated air replacement system is required." This is a cross draft style booth however no AMU, supply filters or NESHAP exhaust filters are specified. The booth would pull air from the adjoining space to create a booth airflow velocity of 140 fpm. Based on drawing A-650 Symbol H, it would appear you are requiring 6 Torit cartridge style, self-cleaning, HEPA filter units. This type of equipment normally filters the air to a level and recirculates back into the adjoining space. Your drawing indicates Torit Dust Collectors, are other similar dust collectors acceptable?

ANSWER: See Amendment 0003.

139. Drawing A-101:

Is the booth located at marker 114 Premanufactured Parts Sanding Booth? We did not see a dedicated label "Sanding and Dust Booth" as we did with the other three booths. Is this the Sanding and Dusting Booth?

You have referenced GFS as an acceptable manufacturer for the PMB Booth and the Sanding and Dust Booth but generally speaking, not enough performance criteria has been provided to allow us to make the proper selections of blast and sanding equipment to best suit your needs.

ANSWER: See Amendment 0003. Yes, Keynote 114 is the Sanding & Dust Booth.

140. Reference SOG subgrade profile Sheet S502 and specification 31 21 13 Radon Mitigation. Provide thickness of gas permeable layer.

ANSWER: For bidding purposes, gas permeable layer should be assumed to be 6" thick.



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141. Please advise if the Soils Report will be made available.

ANSWER: Report will not be made available. Base bid on information in the drawings and specifications.

142. Details 4 & 5 / A-503 indicate a tube steel assembly at blast resistant window frames. Please advise as to the location of the tube steel assemblies, or clarify if these are to be located at all blast resistant windows.

ANSWER: The details are typical details for the two windows being installed in existing door openings. They are marked by keynote 020.

143. The Hazardous Material Survey Report, included in Amendment 0003, lists suspected ACM locations, however, no ACM was confirmed by analysis. Please advise if the Contractor is to include the cost to abate suspect ACM in the proposal. If not, please confirm abatement of suspect ACM, if required, is to be treated as a changed condition.

ANSWER: See response to Question 22.