

2. AMENDMENT/MODIFICATION NO. A00004	3. EFFECTIVE DATE 08/17/2010	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 3114033
6. ISSUED BY CODE Contracting Officer (cp) USCG Civil Engineering Unit 1240 E. Ninth St., Room 2179 Cleveland, Ohio 44199-2060 ATTN: JAMES E. DINDA		7. ADMINISTERED BY (If other than Item 6) CODE JAMES.E.DINDA@USCG.MIL 216-902-6223	

8. NAME AND ADDRESS OF CONTRACTOR (NO., STREET, COUNTY, STATE AND ZIP CODE)	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. HSCG83-10-J-3YD219
	<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) 07/06/2010
	<input type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO.
	<input type="checkbox"/>	10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE REFERENCED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.


14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 RECOVERY ACT - ARRA FUNDED PROJECT A00004

ANSWERS TO NEW RFI QUESTIONS ARE ATTACHED.

RFI QUESTION 8 AND 9 ON AMENDMENT A00003 INCORRECTLY STATED THAT OPTION ITEM 2 WAS DESIGN BUILD. THE CORRECT ANSWER TO QUESTION 8 AND 9 ON AMENDMENT A00003 IS:

"ANSWER: No, this is not correct. Option Item 1 is Design Build. Base and all other options are bid build."

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JAMES E. DINDA, Contracting Officer		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 08/17/2010
(Signature of person authorized to sign)			

1. QUESTION: 1. Drawing EL-101 shows a fixture schedule for new light fixtures, but under the “General Notes” it directs you to re-circuit and re-switch the existing light fixtures. Are new light fixtures to be furnished and installed in this area or are we to re-circuit and re-use the existing light fixtures?

1. ANSWER: New Fixtures, Design.

2. QUESTION: Is it permissible to utilize MC Type cable in the Hi-Bay area of Building #78 for runs between light fixtures?

2. ANSWER: Conduit only.

3. QUESTION: 1. Is it permissible to utilize MC Type cable in Building #80 in cancelled walls and ceiling spaces?

3. ANSWER: Conduit Only.

4. QUESTION: Will it be required to upgrade the fire alarm system in the newly constructed paint booth and CNC area within Building #78?

4. ANSWER: Yes.

5. QUESTION: Reference Blast Room Facility in Base Bid: The new specification issued with amendment 2 calls out a 22,000 CFM Cartridge Dust Collector but lists the room ventilation at 50 FPM, ANSI code says 50 FPM, please clarify if we are figure the 50 FPM or the 22,000 CFM.

5. ANSWER: Per the manufactures recommendation for the equipment to operate properly.

6. QUESTION: H-Floor recovery systems require the floor area between the augers be covered with steel plate, nothing is specified in the amended specification, should this be included?

6. ANSWER: Yes

7. QUESTION: The specification does not include a roof slot or brush seals for the conveyor, it is not practical to run conveyors of any type within a blasting environment, the abrasive will jam, contaminate or destroy the conveyor system, should the roof slot and brush seals be included?

7. ANSWER: Yes as long as you maintain the height restraint.

8. QUESTION: There is no support steel specified, is the blast booth required to support the 12000lb load as before, should this be included?

8. ANSWER: Yes

9. QUESTION: There is room overhead to run the blast room ducting, it is not a good idea to run blast room ducting below floor grade, this can allow the abrasive to pile up in the ductwork since you will be pneumatically lifting the abrasive into the dust collector, the ducting will require maintenance cleaning and would be very difficult to maintain if it were located below grade, Is overhead ducting permissible as long as it will fit the area?

9: ANSWER: No, there is an overhead crane.

10: QUESTION: The .2 micron particle size at 99.9% rating specified on the dust collector cartridges is saying that HEPA Filtration is required, is HEPA filtration required or is standard MERV-13 rated filters acceptable ?

10: ANSWER: No

11. QUESTION: Pneumatic remote controls are much slower responding than electric remote controls, are electric remote controls permissible?

11. ANSWER: Yes

12. QUESTION: Drawing A-102 does not provide any detail for the exhaust pit design. The dimensions listed are simply not adequate for the style of booth being quoted. A typical down draft paint booth has an exhaust pit running the full length of the paint booth while the specs only call for an 8'x6' pit.

12.a. QUESTION: Please confirm that the pit dimensions of 8'x6' are correct.

12.a. ANSWER: The exhaust are to tie into the underground duct per the manufactures requirements.

12.b. QUESTION; Please provide pit design and grating/strength requirements.

12.b. ANSWER: This is a design per the equipment and traffic needs.

13. QUESTION: Typical downdraft paint booths have airflow of 50 CFM while the specs call for 100 CFM. The OSHA requirement in this paint booth is only 50 CFM. The airflow would be so great that the paint may not make it to the substrate. Please confirm that the airflow requirement is 100 CFM.

13. ANSWER: It is in Feet Per Minute- 50fpm is fine.

14. QUESTION: The specs do not call for a heated AMU, only a pressurized

intake chamber drawing ambient air from outside the building. With temperatures in Maryland being so cold in the winter months there is no way the paint booth could be used as the paint requires approximately 70 degrees F for application.

14.a. QUESTION: We suggest a heated AMU system for the paint booth(s) or they will not be useable in the colder months.

14.a. ANSWER: Yes, using waste oil on the wet paint side and natural gas on the powder side

14.b. QUESTION: Please confirm that there is no requirement for heated AMU on the paint booth(s).

14.b. ANSWER: See previous answer.

15. QUESTION: It is very unusual to require a downdraft design for the drying enclosure (cure/dry booth). The specs for the airflow in the drying enclosure are the same as the paint booth which would be a huge expense to operate. Typically, drying enclosures more 20 CFM – not the 100 CFM in the specs. This would equate to using five times the energy to dry/cure the paint.

15.a. QUESTION: A cross draft design would save approx. 50% in equipment costs. Please confirm that we are to quote this more expensive design.

15.a. ANSWER: The drying/cure enclosure has to be exhausted to the exterior via underground due to the height constraint.

15.b. QUESTION: Please confirm the radically high air movement in the cure/dry booth. Again, this would just be a waste of energy.

15.b. ANSWER: Per the manufactures recommendation for the equipment to operate properly.

16. QUESTION: The specs show the powder coating line has natural gas AMU's. We are finding it difficult, and to this point impossible, to find a supplier for the waste oil burner for the paint cure booth. Can we quote a natural gas AMU for the paint cure/dry booth?

16. ANSWER: Refer to page 71 of the specs.

17. QUESTION: The specs show 48 light fixtures in the paint booth and the drying enclosure, and only 12 in the powder coating booth. We suggest 48 lights in the paint booth and powder coating booth and only 12 in the drying enclosure. With only 12 lights in the powder coating booth the operator would not have the minimum amount of light needed to perform his duty.

Please confirm the number of lights in each piece of equipment.

17. ANSWER: As per spec or equal

18. QUESTION: The specs call for two material movement systems, a monorail system and an in ground rail system. Drawing A-102 shows an “Integrated Conveyor System in Booths” for the manual blast booth line.

18.a. QUESTION: Does the manual blast booth line require an overhead monorail system

18.a. ANSWER: No

18.b. QUESTION: does the centrifugal blast line require an in ground rail system?

18.b. ANSWER: No

18.c. QUESTION: Which line would the push/pull/tow motor work on

18.c. ANSWER: Manual blast side

18.d. QUESTION: How is product to be moved on the overhead monorail system.

18.d. ANSWER: By electric hoist/conveyor.

19. QUESTION On the paint booth exhaust 6 x 8, is there to be only a 8’ wide x 6’ long opening? What is the specific depth of the exhaust “pit”?

19. ANSWER: Per the manufactures recommendation for the equipment to operate properly and allow room for service.

20. QUESTION: What is to be the size of the exhaust fan for the paint booth?

20. ANSWER: Per the manufactures recommendation for the equipment to operate properly.

21. QUESTION: What is to be the MBTU of the make-up air unit for the paint booth?

21. ANSWER Per the manufactures recommendation for the equipment to operate properly

22. QUESTION: Is there supposed to be any steps down into the paint booth pit for access?

22. ANSWER: Yes

23. QUESTION: Can the make-up air units be placed outside of the building and housed separately?

23: ANSWER: Yes

24. QUESTION: What is the length, width and height of the smallest and the largest pieces to be on the monorail line?

24. ANSWER: Refer to page 8 of specs for the largest. The smallest will vary.

25. QUESTION: What is the thickness of the steel of the largest piece (per previous Q&A item #58 12,000 lbs. is the maximum load of the Dry Filter Paint Spray Booth so the thickness of the steel is needed to ensure that the proper heat dynamics are provided)

25. ANSWER: Thickness will always vary

26. QUESTION: How many items or approximate total weight factor is the monorail line required to support at one time for the entire line?

26. ANSWER: Will vary

27. QUESTION: We keep seeing the term “conveyor” used in describing the conveyor system running the product through the booths. Is the Monorail system to be a hanging system or a belt system?

27. ANSWER: Hanging

28. QUESTION: Please confirm what the existing compressed air capacity (CFM) is in building 78.

28. ANSWER: There is 110 psi with 3 air compressors each putting out a max of 1200 cfm each compressor.

29. QUESTION: Question #5 in response to Contractor questions asked “Please provide more information on the “Integrated Conveyor System in Booths” as shown on A-102. Is this a system that will be located within each booth with “monorail” running through each or a system running above each booth?” The response provided was “There is a 20’ height restriction”. The response does not clarify if the Conveyor system are to be located within each booth with a “monorail” running through each or if system is to run above each booth? Please advise.

29. ANSWER: For the powder coating Option Item 7 the conveyor has to be within height restriction, either inside or outside off the production line. The conveyor must have a way to move product by electric hoist's capable of holding a minimum of 5000lbs. each.

30. QUESTION: Question #10 in response to Contractor questions asked "Please provide approximate area around buildings 32 & 34 to receive ¾" gravel after demolition. The response was "Refer to Amendment" The Amendment shows the outline of the demolition not the area of the gravel. Please provide the approximate square footage of area to receive gravel.

30. ANSWER: Option Item 6, was deleted from the requirement.

31. QUESTION: Question #17 in response to Contractor questions asked "Is the CNC control room to be at the same floor elevation as building 80 or building 78?" The response was "No". The response is confusing. Please confirm the CNC control room is to be located inside Building #78 in Area B. If not where is it to be located?

31. ANSWER: CNC room as shown A 101.

32. QUESTION: Question #26 in response to Contractor questions asked "Drawing a-102 show the Centrifugal Blast Machine as being approx 40' long, the entire 20' part is required to be inside the vestibule and the swing doors interlocked with the machine, same with the exit vestibule as the part exits the Centrifugal Blast Section, in addition the exit vestibule will need to be longer to allow the touch up blast personnel to hit the ends of the part, the machine will be longer than 40' when you take into account the vestibule lengths and the centrifugal wheel section, since this is design build as long as the system fits the space allotted in the building a longer Centrifugal Blast Booth will be acceptable?" The response was "Yes". This response is confusing. Please confirm that the specified 40' long Blast Machine meets the RFP requirements. If not please issue a revised specification providing the length that will meet the RFP.

32. ANSWER: Refer to the specifications. The guidance of Option item 2 is to provide the "approximate" necessary working dimensions (keyword is "approximate"). Contractors are responsible for selecting and installing the booth to meet the minimal requirements specified. Understandably there will be variations in what is available from different manufacturers. In such cases, the contractor must ensure the dimensions specified are met as well as ensuring not exceeding available space for installation of the booth. A booth that meets the "specified approximate working dimensions" as well as the "available space for installation" will be acceptable. The booth's approximate working dimensions and the available production area shall not exceed the building's room size constraints

33. QUESTION: Question #27 in response to Contractor questions asked “Air Blast Touch Up/Blow off - Only one 6.5 cubic foot blast pot is specified, the touch up enclosure should have a blast pot on both sides, this will allow for an ease of access to the part, will reduce operator fatigue (dragging heavy blast hoses across the room to touch up the opposing side of the part) and minimize maintenance on the blast hose and air feed helmet hose assemblies. Do you agree two -touch up pots should be utilized?” The response was “If it can fit the limited space-yes” The response is confusing. Please confirm that one touch-up pot meets the requirements of the RFP.

33. ANSWER: As long as the result is the same.

34. QUESTION: Question #28 in response to Contractor questions asked “Please confirm radiant heat in the slab on grade is only called for between Columns lines 43 and 46 and Columns Lines A and B. Also, please provide a specification for the radiant heat.” The response stated “Radiant heat will be at the entrance to the first phase of production” The response would locate the radiant heat between column lines 28 and 30. The response is confusing. The slab on grade in these bays is not currently called to be demolished / removed. In order to install a radiant heat system the slab demolition would need to be added to the scope of work. Please confirm this additional demolition will be added to the scope of work.

34. ANSWER: Refer to A-101 not A-01, above slab at the entrance of the production line.

35. QUESTION: Question #55 in response to Contractor questions asked “Catwalks are not currently called for at the Centrifugal Blast Machine. However, since the parts will be hung from the conveyor which will not facilitate the rotation of the part do you want to add Catwalks to facilitate reaching the upper limits of the part for touch-up.” The Response stated “As long as it fits within the space limitations.” This response is confusing. Please confirm that catwalks are not required in order to meet the requirements of the RFP.

35. ANSWER: As long as it fits within the space limitations.