

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO. 0004			3. EFFECTIVE DATE 03/24/10	4 REQUISITION/PURCHASE REQ NO. N/A	PROJECT NO. (If applicable) 07-457957
6. ISSUED BY Contracting Division USCG, Facilities Design & Construction Center 5505 Robin Hood Road, Suite K Norfolk, VA 23513-2431			7. ADMINISTERED BY (If other than item 6.)		N/A
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. Project No. 07-457957	
			<input type="checkbox"/>	9B. DATED (SEE ITEM 11) 03/01/10	
			<input type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input checked="" type="checkbox"/> 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 <u>1</u> copy 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 ACKNOWLEDGMENT 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 NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATION 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 <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
<b>DESIGN AND CONSTRUCT NEW AND MODIFIED EXISTING INFRASTRUCTURE REQUIRED FOR HOMEPORTING NEW FAST RESPONSE CUTTERS (FRC) AT US COAST GUARD BASE SUPPORT UNIT (BSU) MIAMI, MIAMI BEACH, FLORIDA.</b>					
<u><b>The proposal due date remains Monday, April 5, 2010 at 2:00 PM</b></u>					
<b>(SEE CONTINUATION PAGE)</b>					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR (Same as Item 8)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY		16C. DATE SIGNED
_____ (Signature of person authorized to sign)			_____ (Signature of Contracting Officer)		

**Amendment items:**

1. Specification Section 01158, paragraph 1.4.4.1.1

Delete the second sentence. Add a new sentence: "The enclosure shall comply with M1193-D (or approved equal) and the waterline installation shall comply with DRWG 3405 (or approved equal). Compressed air requirements are indicated on the reference drawings."

2. Specification 01158: add new paragraph 1.4.4.1.2.1 as follows:

"1.4.4.1.2.1 Provide a water meter for each new water shore tie service for Government monitoring of their water usage. Water meters shall be an open protocol type, capable of providing wireless utility usage data when fitted with a data transmitter."

3. Specification Section 01158, paragraph 1.4.4.4

Add a second sentence: "Ball valves may be used instead of gate valves."

4. Specification Section 01158, paragraph 1.13.3.1.1

Add to the third sentence that begins with "Conduit in ductbanks shall be a minimum size 4" PVC..."

"Conduit servicing existing loads such a lighting circuits, may be less than 4", conduit serving existing loads shall be 2" PVC minimum or greater."

**Requests for Information Responses:**

- 1- What is the vehicle weight load rating for the causeway section after the base entrance security gate?

**Response:** The bridge has a 30 ton weight limit.

- 2- The RFP Specification section 01158, Paragraph 1.13.2.3. requires us to coordinate with FPL to have two 1000 KVA transformers installed. Would you consider moving the transformer installation to the CEU Miami divestiture project?

**Response:** Providing the transformers under the 4.16 KV Divestiture project can be considered after contract award by a modification to both contracts. This modification will not take place until the exact location of the transformers is determined, which is part of the design task under this project.

3. What is the capacity of the existing bollards and foundations? The bollard and pile capacity is not given on the drawings.

**Response:** The bollards are rated for 70,000lb. No test data is available to confirm this rating. It is the Contractor's responsibility to confirm this capacity by any method that is acceptable to the Coast Guard such as field testing, calculations, available technical data, etc." Contractor may also refer to UFC 4-159-03 and MIL Hand Book 1025 for general arrangements and information.

4. Section 01158\_1.8, Para 1.8.2.1 indicates that a minimum of 4 cleats and 4 bollards are required for each FRC. What is the mooring line arrangement for these ships, particularly during a nested condition? The concern is that the cleats have reduced capacities and may be overloaded or improperly moored to, which will create safety issues. If the mooring analysis indicates that only bollards are required for the proposed design vessels, can the cleats be omitted?

**Response:** Mooring line arrangement for the ship is unknown at this time. Contractor may refer to UFC 4-159-03 and MIL Hand Book 1025 for general arrangements and information. Actual arrangement will be provided during design. The omission or inclusion of cleats will be commented upon during design review by FDCC and the user.

5. If cleats are required, do cleats need to be added to Berths 7 through 11.

**Response:** Mooring devices as required by the mooring analysis needs to be added.

6. There are two large bollards at Berth 4 shown in Photograph 25 on Sheet G202. These bollards are not shown on any of the plans. What is their capacity and are they to remain?

**Response:** They need to remain. See Response to question 3 for capacity.

7. Section 01158\_1.8, Para 1.8.2.2 indicates that a minimum standoff of 4 feet from the face of the bulkhead cap shall be maintained under maximum operational compression. Is this after the ship has berthed and is moored, or during berthing operations at which the fender may deflect up to 60% of its diameter? The previous paragraph indicates that the contractor shall use 5 feet diameter by 8 feet long fenders, if so, the max deflection permitted will be 1 foot. The 4 feet offset may be tough to keep during operational conditions.

**Response:** 4 Feet offset must be maintained during the berthing operations also.

8. Are the fenders along berths 8 through 11 to remain?

**Response:** Yes.

9. What is the plan for the fender line "jog" between Berths 7 and 8? The stern of the FRC will be closer to the wall at the jog and may create issues with straight berthing and the manatee requirements.

**Response:** This will be determined during the design process after contract is awarded.

10. Section 01158\_1.4, Para 1.4.4.1.1 indicates that the new water shore tie is to match DRWG 3405 Bulkhead Repairs, Sheet 16. This is not the current shore tie that is being used at BSU Miami. Drawing Number M1193-D, Sheet C-2 (Sht 3 of 3) shows the existing water shore tie system. Which one are we to use? Also, should the compressed air be housed in the same unit similar to existing conditions?

**Response:** Both are to be used. The spec should have included M1193-D as the enclosure requirement (or approved equal) and DRWG 3405 as the waterline installation requirements (or approved equal). The CA follows the same referenced drwgs.

11. Section 01158\_1.4, Para 1.4.4.4 indicates using Gate Valves. If the existing water shore tie system detail is used, it specifies ball valves. What is the Coast Guards preference?

**Response:** Ball Valves

12. Can the Coast Guard please provide the operational assumptions for pumping ships (i.e. all at once or selective pumping)? Also, can this include the various ship's pumping capacities?

**Response:** There is selective pumping and no restrictions as to any specific time frame. Generally when the cutters tie up to the pier they take on water, fuel and pump out their holding tank.

13. The RFP asks for the contractor to inspect the sewer shore tie and refurbish the once that can be used. The work associated with refurbishing a valve is equal to or greater than the replacement of one with all its fittings as it is existing. Can we just figure replacing the shore ties that are to remain in place and not required demolition? At this time we are attempting to follow the RFP but on the other hand all new piping will require all new piping for the sewer system

**Response:** All existing SS shore ties that are in the proper locations are to be replaced. The D/B contractor is responsible for determining if the location of the SS shore ties are in the proper locations. If they are not, they are to be demolished and new SS shore ties located accordingly.

14. Can we have the RFP plans in AUTOCAD?

**Response:** Autocad drawings were provided March 19, 2010 on CD's as requested.

15. We would like to have the exact location of the utility connections on each of the ships to be assigned to these berths to assure that we place the shore ties in the most convenient locations.

**Response:** Utility connection locations for the FRC's are noted on the "FRC Requirements Summary Sheet which is included with the reference documents provided.

16. During our site visit it was mentioned that there was a utility survey done. Can we have a copy of this if available?

**Response:** Refer to Drawing No. 1000005998, "Topographic Survey Base ISC" which is included with the reference documents provided.

17. Can we have the plans that pertain to the phase 1 of the new primary power contract that is in progress so we can coordinate the design efforts?

**Response:** Refer to Drawing No 683315, "Divesture of 4.16KV Power System" which is included with the reference documents provided.

18. Would the Coast Guard consider conducting an oral presentation, along with the price, to assure that there is a clear understanding and consideration to all relevant matters by both contractors?

**Response:** No.

**19.** Paragraph 1.13.3.1.1 of Specification Section 01158 requires that the minimum size underground conduit “shall” be 4”. Can smaller conduits be provided for serving existing loads, required in 1.13.3.3, such as existing pole lighting?

**Response:** Smaller conduits may be used for loads such as existing lighting; the 4” conduit size requirement applies to conduit in the ductbank runs for the new shore tie services.

**20.** In RFP drawings E103 and E104, shoretie stations for Berths 5 & 6 and 7 & 8 show receptacles, transformer and a panel for the industrial welding power supply. Shoretie stations for Berths 1, 2, 3, 4 & 10 only show power distribution blocks for the industrial welding power supply. Are welding receptacles, transformers and panels required for shoretie stations for Berths 1, 2, 3, 4 & 10?

**Response:** The welding and general purpose receptacle outlets shown at Berths 3 & 4 and 5 & 6 are noted as “typical” and are required at each shore power enclosure where a power distribution block is shown for an industrial welding power supply.

**21.** How many telecommunications outlets are required at each shoretie enclosure? Paragraph 1.14.4.2 of Specification Section 01158 requires 4 telecommunication outlets mounted on the sides of the enclosure.

**Response:** Four outlets are required; locations are indicated on the left side view of the shore power enclosure guide drawings on sheet E105.

**NOTE**

**Failure to acknowledge amendments may be cause for rejection of your offer.**