

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   4
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE 16-Jul-2015	4. REQUISITION/PURCHASE REQ. NO. ACQR3884906		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVFAC MID ATLANTIC NORTHEAST IPT 9324 VIRGINIA AVENUE BLDG Z-144 NORFOLK VA 23511	CODE N40085	7. ADMINISTERED BY (If other than item 6) <b>See Item 6</b>		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N40085-15-R-8719	
		X	9B. DATED (SEE ITEM 11) 12-Jun-2015	
			10A. MOD. 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 Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer 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 _____ 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 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.				
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.				
B. THE ABOVE NUMBERED 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).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
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.)  Design Bid Build, Construction Contract for Defense Information Systems Agency (DISA), Building 308 Essential Bus and Generator System Equipment Installation at Naval Support Activity (NSA) Mechanicsburg, Pennsylvania.  The purpose of Amendment 0003 is to provide RFI Responses. All other terms and conditions remain the same.  See block 14 continuation on page 2.  Contract POC: Michael Greene, michael.greene2@navy.mil (757) 341-0082				
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)		
		TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED  16-Jul-2015	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

## SUMMARY OF CHANGES

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

RFI REPOSSES II

17. Reference: Reference question 8 from the previously answered RFI Addendum 0002.

**QUESTION:** The response to the RFI seems to indicate that the temporary rental generators used for the duration of the project need to meet EPA Tier 4 emission requirements. We know of no know manufacture that currently manufactures 2MW Tier 4 rental (portable) generators. No know of none in existence previously manufactured or otherwise. Retrofitting a current 2MW rental unit to meet Tier 4 emission levels would be very costly. Please advise if Tier 2 rental units are acceptable.

**RESPONSE (CI):** Temporary generators (for use during construction) meeting Tier 2 requirements are acceptable. The intent of the response to question 8 is that the four new permanent generators comply with Tier 4.

18. Reference: Reference question 8 from the previously answered RFI Addendum 0002.

**QUESTION:** The project requires us to provide three 2000KW, 480Y277V Portable Temporary Diesel Engine Generators for Standby Power prior to any demolition of existing facilities. We have not been able to locate in the specifications the requirements for these units, and have assumed that due to the temporary nature of these units the Tier 2 requirement would be adequate for these units. We have spoken to the generator suppliers and they have told us that no Tier 4 Portable Temporary units are available, and in order to meet this requirement they would need to fabricate new units which would add significant time and cost the this project. Please confirm that these units can be Tier 2 requirements.

**RESPONSE (CI):** See response to question 17 above.

19. Reference: Reference question 8 from the previously answered RFI Addendum 0002 stated.

“Comply with specifications as written.”

**QUESTION:** We wanted to point out that with this response you have pretty much sole-sourced these units and the cost impact to the project would be an increase of approximately \$2,000,000.00. Please confirm that you wish to stay with the Tier 4 requirement for the four temporary diesel engine generators to be supplied in the bid option 1 item 0002.

**RESPONSE (CI):** See response to question 17 above.

20. Reference: Factor 1 Corporate Experience on page 12 of 29, para 1.

**QUESTION:** Corporate Experience Form (Attachment D) should say (Attachment A)?

**RESPONSE (AQ):**

**DELETE THE FOLLOWING:** Proposal that fail to use the attached Corporate Experience Form (Attachment D) will not be evaluated.

**REPLACE WITH:** Proposal that fail to use the attached Corporate Experience Form (Attachment A) will not be evaluated.

21. Reference: Urea pump operation and monitoring.

**QUESTIONS:** Do the Urea pump(s) have their own controls?

**RESPONSE (CI):** Yes, the Urea pumps have their own controls per spec sections 26 32 15.00 10 2.12.6 and 33 56 10 2.4.1.1.

The plans indicated that these controls may be DDC. We do not recommend this approach.

**RESPONSE (CI):** Agree, the intent is for monitoring only.

If factory controls are provided, will these controls be integrated into the generator/switchgear PLC such that the monitoring points will be available through the PLC or will the points be taken directly from the controller(s)?

**RESPONSE (CI):** Points will be taken directly from the controller.

If controls are to be included in the BAS scope, they should be stand-alone PLC/industrial grade.

**RESPONSE (CI):** Agree

What points are to be monitored through the BAS?

**RESPONSE (CI):** The points are shown on M601A.

22. Reference: Generator fuel pumps operation and monitoring:

**QUESTIONS:** Do the Fuel pump(s) have their own controls?

**RESPONSE (CI):** Yes per spec section 33 52 10 2.7.2 and 2.8.

The plans indicated that these controls may be DDC. We do not recommend this approach.

**RESPONSE (CI):** Agree, the approach is for monitoring only.

If factory controls are provided, will these controls be integrated into the generator/switchgear PLC such that the monitoring points will be available through the PLC or will the points be taken directly from the controller(s)?

**RESPONSE (CI):** Points will be taken directly from the controller.

If controls are to be included in the BAS scope, they should be stand-alone PLC/industrial grade.

**RESPONSE (CI):** Agree

What points are to be monitored through the BAS?

**RESPONSE (CI):** The points are shown on M602A.

23. Reference: The BAS is typically connected to the generator and switchgear at multiple attachment points.

**QUESTIONS:** These attachment points represent the "demarcation" between the generator/switchgear controls and the BAS.

**RESPONSE (CI):** Agreed

The BAS interface is "read only" with no control capability.

**RESPONSE (CI):** Agreed

The control design must be such that all sequences will function entirely independent of the BAS network.

**RESPONSE (CI):** Agreed

The standard communication protocol is Modbus TCP (Ethernet) or Modbus RTU (RS-485 serial).

**RESPONSE (CI):** The protocol is Modbus RTU per spec section 26 23 00 2.2.8 par 10.

**The first attachment point is to the PLC** which controls the generators and paralleling switchgear. WRA

**RESPONSE (CI):** Agree

This attachment will expose switchgear sequence and status points from the PLC to the BAS.

**RESPONSE (CI):** Agree

This attachment point may also expose the generator points, including status and alarm conditions as well as the underlying analog data such as RPM, oil pressure, water temperature, run hours, etc.

**RESPONSE (CI):** Agree

If the generator data is not mapped into the PLC, separate attachment points will be necessary to expose this data to the BAS.

**RESPONSE (CI):** Agree

The PLC data should be mapped to independent modbus registers such that no control of the PLC sequence or I/O is possible by writing to these registers.

**RESPONSE (CI):** Agree

**The second attachment point (or multiple points) is to the paralleling switchgear breakers** using direct modbus RTU (Serial) or a modbus gateway such as an Eaton PXG series.

**RESPONSE (CI):** Agree

**The third attachment point (or multiple points) is to the distribution switchgear breakers** using direct modbus RTU (Serial) or a modbus gateway such as an Eaton PXG series.

**RESPONSE (CI): Agree**

There is no detail shown as to the nature of these connections.

Will the switchgear and generator controls will be supplied as "modbus ready", complete with communication buss wiring and any required gateways installed at the factory? (We presume this to be the case.)

**RESPONSE (CI): Agree**

What are the minimum required points for each type of device (generator, breakers, fuel management, etc)?

**RESPONSE (CI): Monitor all generator alarms and operations from the local generator control and alarm panels as outlined in spec sections 26 23 00 2.2.9 K and 26 32 15. Fuel management system is shown on M602A.**

Is there a requirement to monitor the temporary generators at the BAS System?

**RESPONSE (CI): No**

(End of Summary of Changes)