

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 10-May-2013	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVAL SURFACE WARFARE CENTER CARDEROCK CODE 4212, CAROLYN MCCLOSKEY 215-897-1180, CAROLYN.MCCLOSKEY@NAVY.MIL 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112-1403	CODE N65540	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N65540-13-R-0023	
		X	9B. DATED (SEE ITEM 11) 23-Apr-2013	
			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 <u>1</u> 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.) See Page 2.				
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 10-May-2013

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this modification:

SUMMARY OF CHANGES (REVISED)

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0016 is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0016	Technical Support		Lot		
OPTION	in accordance with Section 4.2.1 of the statement of work. FOB: Destination FFP				
				NET AMT	<hr/>

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

Section 4.2.1 of the statement of work is hereby revised to read as follows:

4.2.1 General Requirements

- Stainless construction is required for all piping & tubing systems.
- All sensor, transducer and gauge lines shall be equipped with calibration/isolation needle valves.
- The enclosure provided by the Government as GFE is not designed for outdoor use and shall be enclosed in such a way that it will be suitable for extended outdoor use.
- It will be at the Contractor discretion as to enclose all machinery or design each component for outdoor service.
- All design and selected machinery shall have a thirty year design life.
- The Government will be responsible for rigging, lifting and assembly activities related to the major components comprising the GTGS. The unit will then be commissioned (startup and operational testing) at a later date. The Vendor shall provide technical support for the assembly of the GTGS components and the commissioning process. Prior to shipment of the GTGS to the Government facility, the Vendor shall perform operational tests on GTGS components, as specified in the Statement of Work. The Vendor shall verify that all components have been shipped and no damage has occurred to the GTGS components due to shipping. The Vendor shall verify that this requirement has been met prior to acceptance of the GTGS and for final payment of the Contract to be completed. The Vendor shall provide a cost associated with technical support during the commissioning of the GTGS. The requirement is on-site technical support for the entire period of the GTGS commissioning, which for estimation purposes shall be no greater than one month.
- A software based digital control system shall be provided as a complete GTGS control solution, including all logic functions and associated software necessary to provide control and monitoring interfaces as required to operate the GTGS. The control and monitoring capability shall include a local graphical Human Machine Interface (HMI) that provides operator control and monitoring for all components of the GTGS and associated interfaces. The Local Control panel shall be housed in a Control Center as defined in this SOW. The Local Control panel shall provide the capability for remote monitoring and control of the GTGS.
- The GTGS control solution shall provide an interface for a Government supplied Data Acquisition System via a UDP Ethernet connection with access to all control system data.
- The Government requests the Contractor to provide two separate bids on two control solutions. Option one (1) will be the Contractors' choice of a commercial grade digital control system. As part of Option (1) the Contractor will provide controls with software and complete rights to be utilized as the controls operation of this plant. Option

two (2) will be for the Contractor to utilize a GFE Micro-Net Plus controller and integrate all plant controls operations utilizing this GFE controller. Appendix C identifies the GFE Micro-Net controller specifications. Appendix D identifies the GFE Hardware Overview. If Option two (2) is selected, it is the Contractor's responsibility to provide all necessary hardware, software, and HMI changes required to integrate the existing controls with their generator package.

- The Contractor shall provide all instrumentation and controls to safely operate the GTGS remotely and unmanned. Appendix F contains a sensor Input/Output list which the Contractor shall use as a guide to ensure that the proposed GTGS package contains an equal or better level of operational information and control.

- Sound attenuation shall ensure that sound levels do not exceed industry standard of 85 dBA near field (3' out & 5' up) and 54 dBA far field (400').

- The Contractor shall refer to Appendix H for the Foundation Drawings for information regarding GTGS installation.