

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 3

2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200435778	5. PROJECT NO. (If applicable) 97697
6. ISSUED BY CODE OP-CS-A John F. Kennedy Space Center, NASA Procurement Office, OP-CS-A Kennedy Space Center, FL 32899		7. ADMINISTERED BY (If other than Item 6) CODE Same as block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION. NNK12435778R
	<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 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).
<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 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.)

The purpose of Amendment 2 is to:

A. Answer questions submitted by potential bidders.(see next page)

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<i>(Signature of person authorized to sign)</i>		BY <i>(Signature of Contracting Officer)</i>	

A.) Answer questions submitted by potential bidders.

1. REFERENCE: SF 1442 and Section L, Page 58

QUESTION: The SF 1442 states that an offer guarantee is not required. However, Section L, Page 58, contains a reference to FAR 52.228-1 "Bid Guarantee" which requires a bid guarantee. Is a bid bond required for this solicitation?

RESPONSE: SF 1442, Block 13, paragraph B, this item should not be checked. A Bid Bond Guarantee is required for this solicitation. Section L, page 58, FAR 52.228-1 "Bid Guarantee" states a bid guarantee is required.

2. REFERENCE: Reference: JOFOC (3) York Control Panel

QUESTION: Does the technical activity personnel have a contact with Johnson Controls that understands the project scope? At the prior onsite visit, Greg Black was introduced as the JCI contact; however, all emails are marked "Undeliverable" and phone does not work.

RESPONSE: Johnson Controls has acknowledged that Greg Black is no longer with the company and a new person has taken over Greg's previous position. Please contact the following for York/JCI questions:

Terry J. Stiffler
Johnson Controls Inc.
41 Skyline Drive, Suite 1025 Lake Mary, Fl. 32746
Cell: 321-436-2915
Service: 866-472-4721
Email; terry.j.stiffler@jci.com

3. REFERENCE: JOFOC (2) – Quantum PLC

QUESTION: We would like to contest your 'sole source' for JOFOC (2) - Quantum

- 1) Is it not the case there is a single source for these products.
- 2) all item required for that PLC are commoditized and off the shelf (though brand name) and/or the subcomponents to assemble them are.

RESPONSE: Below is a short list of the Quantum PLC attributes taken directly from the JOFOC that summarizes why only the Quantum can satisfy the project technical requirements and why a substitute device that appears to have the same form, fit and function is not acceptable.

- 1.) The Modicon Quantum PLC is a highly specialized product line used by KSC to perform data collection, signal conditioning, energy management and process control associated

with the control and monitoring of all of the KSC facility subsystems (power, water & waste, pneumatics, and heating, ventilation and air-conditioning[HVAC]) as a part of the Kennedy Complex Control System (KCCS).

- 2.) This programmable logic controller assembly is the only equipment capable of full and complete integration within the KCCS hardware, software and HMI environment.
- 3.) The KCCS interface to the Quantum PLC has been extensively tested and refined by the government to meet operation need. Further, the government, at its expense, has developed interface software within the KCCS system around the Quantum PLC's architecture, register map, and network adapter settings. The use of any other manufacturer's equipment would drive the government to develop a similar interface for another hardware type at a significant cost to the government.
- 4.) The government has made a significant investment in the software licensing of the Concept programming tool. The use of another manufacturer's product would drive KSC to develop a similar development platform around another manufacturer's product line at significant cost to the government.
- 5.) Substitution of another manufacturers PLC would require building and maintaining a second KCCS development lab at a significant cost to the government.
- 6.) The Modicon Quantum PLC has been tested and fully validated for use in process critical applications at the government's expense. This testing includes communications interface testing, vibration tolerance testing, and electromagnetic interference testing. The highly specialized nature of the KSC environment would require a similar level of testing if any other manufacturer's product line was used.