

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 03	3. EFFECTIVE DATE 01/27/2014	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA/John F. Kennedy Space Center Office of Procurement MAIL CODE OP KENNEDY SPACE CENTER FL 32899	CODE KSC	7. ADMINISTERED BY (If other than Item 6) NASA/Kennedy Space Center Office of Procurement MAIL CODE OP KENNEDY SPACE CENTER FL 32899	CODE KSC
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x) 9A. AMENDMENT OF SOLICITATION NO. NNK14497077Q	
		x 9B. DATED (SEE ITEM 11) 12/23/2013	
		10A. MODIFICATION OF CONTRACT/ORDER NO.	
		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 _____ 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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 is not. 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 this amendment is to answer questions received from portal offerors.

Question 1 - Rod, Threaded, 1/2 inch OD, 316 SST

Please specify threads per inch. Also parts list identifies quantity of 72 feet. Threaded rod is typically available in lengths of 3ft, 6ft, and 12 ft. Do you have a preference in lengths supplied.

Answer 1 - Please procure in 12 inch lengths. Threads per inch need to fit the fasteners called out in item 6 on this same list below.

Question 2 - Channel, Slotted 1-5/8 inch SQ

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A 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) Jan Pirkle	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Please specify material type and gauge thickness as well as the hole pattern style for slots (see attached channel selection chart).</p> <p>Answer 2 - Material is 12 gauge stainless closest to unistrut part number SS03000.</p> <p>Question 3 - Clamp, Pipe, Unistrut, ½ in, ¾ in, 1 in, & 2 in OD, 316 SST Please specify type of Pipe Clamp desired. Based on the number of tube fittings specify, are we correct in assuming the requirement is for the P2024 series Pipe Clamps for O.D. Tubing (see attached Pipe Clamp selection data).</p> <p>Answer 3 - Manufacturer's part numbers are as listed: i. 2 in = P2038SS ii. 1 in = P2030SS iii. ¾ in = P2028SS iv. ½ in = P2026SS</p> <p>Question 4 - Plates ¼ in & 1/8 in, A36 Please specify desired length and width for each plate thickness. Also please confirm quantity/unit requirements. One parts list spreadsheet identifies Plate ¼ in, A36, QTY 120, UNIT EA and Plate 1/8 in, A36, QTY 60, UNIT EA. The other parts list spreadsheet identifies Plate ¼ in, A36, QTY 120, UNIT LB and Plate 1/8 in, A36, QTY 60, UNIT LB.</p> <p>Answer 4 - The bulkhead plates called out for the assembly are as follows: i. 48 in x 17 in by 0.125 in thick ii. 48 in x 17 in by 0.125 in thick iii. 6 in x 49 in by 0.125 in thick iv. 6 in x 38 in by 0.125 in thick v. 6 in x 49 in by 0.125 in thick vi. 6 in x 25.63 in by 0.125 in thick vii. 6 in x 25.63 in by 0.125 in thick</p> <p>Question 5 - Washer, Plain, Type B Reg. ½ in, 3/8 in, & ¾ in, ASME B18.22.1 Please specify material type - are we correct in assuming 18-8 SST?</p> <p>Question 6 - Nut, Hex, 3/8 -16, ½ -13, & 5/8 - 11 Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
NNK14497077Q/03

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Please specify material type.</p> <p>Question 7 - Screw, Hex Cap, variety of sizes and lengths Please specify material type</p> <p>Question 8 - Washer, Type B Regular, 3/8, 1/2, & 5/8 Please specify material type.</p> <p>Question 9 - Valve, Angle, 1/4 in 80K0541-1and Oxidizer Valve 80K80542-1 These identified 80K series valve specifications call out the manufacturer as U.S. Para Plate Corporation or KSC Design Engineering approved equivalent. The manufacturer stated they no longer offer these valves. We request KSC Design Engineering approval to use alternative Tescom angle valve part number 30-1300-304-223 (see attached Tescom drawing). We have utilized this valve as an approved alternate on similar hypersonic systems at NASA KSC.</p> <p>Answers 5 -9 - All fasteners. They are stainless steel, prefer T304 or T316 if T304 not available in that fastener (and vice versa)</p> <p>The date and time for receipt of quotes remains unchanged at January 31, 2014 at 2:30 p.m. EST</p>				