

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Stennis Space Center Office of Procurement Building 1100 Room 251 H Stennis Space Center, MS 39529-6000		CODE	7. ADMINISTERED BY (If other than Item 6) Same as block #6		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)				<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. NNS10ZDA001R
				<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) 2/16/1020
CODE					10A. MODIFICATION OF CONTRACT/ORDER NO.
					10B. DATED (SEE ITEM 13)
		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 one (1) 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

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 is not, is required to sign this document and return 1 copies to the issuing office.

1 This amendment is issued to provide NASA responses to questions submitted by prospective offerors and to incorporate a revised Safety, Health and Environmental Requirements and Guidelines Section 01 35 30 to Specification 200GK-GC20.

2. The proposal due date of 3:00 p.m. local time, March 16, 2010 is unchanged.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Carol L. West	
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>	

3. Revised Specification 200GK-GC20, Section 01 35 30, Project/Contract Safety, Health and Environmental Requirements and Guidelines is hereby incorporated and attached.

4. Written questions/comments submitted by prospective offerors and the NASA response are hereby provided.

a. Question - The material specified for this project is not a gun grade material. We recommend that the material, excluding the flame contact pad at the center of the floor, be a gun grade quality. This will reduce the amount of cold joints in the lining

Response - Comment noted. Fondu Fyre WA-1 is an approved equal for refractory material #2.

b. Question - We have decided that the 3" lining is insufficient for the sidewalls, is it possible to increase the sidewall lining thickness to a minimum of 6"?

Response - Offeror's proposal should respond to the requirements of the specification. However, offeror may submit an alternate proposal with sidewall thickness of 6" if desired.

c. Question - By pouring this lining, we will have issues regarding our installation system leaving exposed metal in the lining.

Response - Offeror should propose techniques and workmanship to ensure a quality installation of material.

d. Question - Attached is our revised sketch of the refractory on the I-Beams which support the jet nozzle.

Response - Offeror's proposal should respond to the requirements of the specification. However, offeror may submit an alternate proposal for additional installation of material if desired.

e. Question - Attached is a revised sketch on the refractory lining at far end of the flame deflector. We recommend maintaining the 8" floor thickness for the entire length of the deflector, and then installing the system shown in the sketch at the end of the lining. This will aid in maintaining the lining and reducing the risk of failure of the lining.

Response - Offeror's proposal should respond to the requirements of the specification. However, offeror may propose alternate installation methods.

f. Question - The method of anchorage into the concrete we feel might could create a shear plane at the castable/concrete or pull the Hilti anchor out of its hole, can we offer suggestions for your consideration?

Response - Offeror's proposal should respond to the requirements of the specification. However, an alternate proposal may be submitted for different attachment methods.

g. Question - Will thermal dryout of the lining be required?

Response - No. Thermal dryout of the lining is not required.

h. Question - We question the lining thickness on the sidewalls (3") and the taper on the floor transition from 8" to 3", the sidewalls should be at least 4-5" thick and the floor a minimum of 5-6" thick in the floor.

Response - Offeror's proposal should respond to the requirements of the specification. However, offeror may submit an alternate proposal for wider sidewall thickness if desired.

i. Question - We assume the 1/8" stainless steel cap plates on Drw.C-302 Sections A & B are supplied and installed by others?

Response - This is correct.

j. Question - Is the radius at the sidewall to floor required?

Response -Yes.

k. Question - Will the jobsite below grade be considered a confined space?

Response - No, although PPE may be required for installation of the ablative following review of the MSDS, and safety plan.

l. Question - Who will keep the Flame Trench dewatered?

Response - NASA is responsible for dewatering the trench.

m. Question - Do we supply dumpster for our debris?

Response - The contractor is responsible for handling and disposing of their construction debris.

n. Question - We will require potable water within 50' of our mixer site.

Response - Potable water is available at the work site.

o. Question - Notes on DRW. C-302, Item 3, i.e., refractory will crack and the refractory lifts will not be bonded together.

Response - Different attachment methods may be proposed, please note these differences in the proposal and any added cost or credit for this method.