

<b>SOLICITATION, OFFER, AND AWARD</b> <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO. NNM09ZPS003E	2. TYPE OF SOLICITATION <input checked="" type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED (RFP)	3. DATE ISSUED 06/22/2009	PAGE OF PAGES 1   40	
	<b>IMPORTANT -- The "offer" section on the reverse must be fully completed by offeror.</b>				

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO. FAC-M5033
-----------------	-------------------------------------	-----------------------------

7. ISSUED BY NASA/Marshall Space Flight Center Office of Procurement Marshall Space Flight Center AL 35812	CODE MSFC	8. ADDRESS OFFER TO Procurement Office ATTN: SEALED BID FOR NNM09ZPS003E PS32, Bldg 4250, Room 36 Marshall Space Flight Center, AL 35812
---	--------------	--

9. FOR INFORMATION CALL: <input checked="" type="checkbox"/>	a. NAME Sterling Hickson	b. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 256-961-3933
--	-----------------------------	---

**SOLICITATION**

**NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."**

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date)

PROJECT TITLE: MSFC 4699 - CRYOGENIC STRUCTURAL TEST FACILITY MODIFICATIONS

PROJECT DESCRIPTION: A liquid nitrogen (LN2) delivery and storage system is required to provide thermo-cycling on rocket engine Test Stand 4699. A 60,000-gallon vacuum jacket storage vessel is required to provide adequate volume of LN2 for cryo-structural testing. The storage vessel will be filled with LN2 from tractor-trailers. From the storage vessel, the LN2 will be transferred to the test stand via two 300 GPM pumps and associated transfer piping. The work to be performed under this project consists of the purchase, fabrication, installation, leak checking, and insulation of the stainless steel LN2 system piping, storage vessel, pumps, and associated piping specialties.

BID OPENING LOCATION: Because of access restrictions to Redstone Arsenal and Marshall Space Flight Center, official bid openings are held at the Huntsville-Madison County Chamber of Commerce, 225 Church Street, Huntsville, Alabama, 35810. Bidders planning to attend the bid opening in person may hand-carry their bid. BIDDERS SHALL NOT MAIL OR OTHERWISE HAVE THEIR BIDS DELIVERED (VIA FEDEX, UPS, ETC) TO THE CHAMBER OF COMMERCE. BIDS NOT HAND CARRIED ARE TO BE SENT TO THE PROCUREMENT OFFICE AT THE ADDRESS IN BLOCK 8 SO AS TO MEET THE DATE AND TIME

Continued ...

11. The Contractor shall begin performance	<u>10</u>	calendar days and complete it within	<u>540</u>	calendar days after receiving
<input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. The performance period is <input checked="" type="checkbox"/> mandatory <input type="checkbox"/> negotiable. (See _____)				

12a. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <i>(If "YES", indicate within how many calendar days after award in Item 12b.)</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12b. CALENDAR DAYS <u>10</u>
--	---	---------------------------------

13. ADDITIONAL SOLICITATION REQUIREMENTS:

a. Sealed offers in original and 0 copies to perform the work required are due at the place specified in Item 8 by 1:30PM (hour) local time 07/22/2009 (date). If this is a sealed bid solicitation, offers will be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

b. An offer guarantee  is,  is not required.

c. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

d. Offers providing less than 120 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

**OFFER** (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)	15. TELEPHONE NO. (Include area code)
CODE _____ FACILITY CODE _____	16. REMITTANCE ADDRESS (Include only if different than item 14.)

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within \_\_\_\_\_ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in item 13d. Failure to insert any number means the offeror accepts the minimum in item 13d.)

**AMOUNTS**

18. The offeror agrees to furnish any required performance and payment bonds.

**19. ACKNOWLEDGEMENT OF AMENDMENTS**

(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.	DATE.						

20a. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	20b. SIGNATURE	20c. OFFER DATE
--	----------------	-----------------

**AWARD** (To be completed by Government)

21. ITEMS ACCEPTED:

Continued...

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA		
24. SUBMIT INVOICES TO ADDRESS SHOWN IN <i>(4 copies unless otherwise specified)</i>	▶	ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 2304(c) ( ) <input type="checkbox"/> 41 U.S.C. 253(c) ( )
26. ADMINISTERED BY NASA/Marshall Space Flight Center Marshall Space Flight Center AL 35812	CODE MSFC	27. PAYMENT WILL BE MADE BY	

**CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE**

<input type="checkbox"/> 28. NEGOTIATED AGREEMENT  <i>(Contractor is required to sign this document and return _____ copies to issuing office.)</i> Contractor agrees to furnish and deliver all items or perform all work requirements identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations.	<input type="checkbox"/> 29. AWARD  <i>(Contractor is not required to sign this document.)</i> Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
30a. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31a. NAME OF CONTRACTING OFFICER (Type or print) Harry B Craig
30b. SIGNATURE	30c. DATE
31b. UNITED STATES OF AMERICA	31c. DATE
BY	

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
NNM09ZPS003E

PAGE 3 OF 40

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
001	<p>SPECIFIED HEREIN IN BLOCK 13. THE BID SHALL BE ENCLOSED IN A SEALED ENVELOPE AND IDENTIFIED PER SOLICITATION PROVISION 52.214-5, SUBMISSION OF BIDS.</p> <p>Prior to the bid opening conference, the contracting officer will collect all bids received AT THE ADDRESS SHOWN IN BLOCK 8 and hand carry them to the conference. Any other bids received will be subject to consideration pursuant to contract clause 52.214-7.</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>All questions pertaining to Drawings and Specifications on MSFC IFB NNM09ZPS003E must be submitted no later than 15 calendar days prior to scheduled bid opening.</li> <li>Requests for IFB packages will not be accepted less than fifteen days prior to bid opening.</li> <li>Bidders are hereby informed that their Experience Modification Rating (EMR) will be evaluated as one of the areas considered in making a responsibility determination in accordance with Federal Acquisition Regulation (FAR) 9.105-1(c). Bidders shall therefore submit their EMR rating with their bid. A bidder's EMR rating higher than 1.0 may be cause for finding the bidder non responsible in accordance with FAR 9.103.</li> <li>The subcontractors working under the prime contractors shall have an EMR of 1.1 or less and should be submitted to the Contracting Officer prior to NOTICE TO PROCEED.</li> <li>Award of this project is contingent upon the availability of funds. The Government accepts no responsibility for bid preparation expenses.</li> </ol> <p>Modify Cryogenic Test Facility (See Bid Schedule)</p>	1	JB		