

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE 1 OF 4 PAGES		
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Stennis Space Center Office of Procurement Building 1100 Room 251H Stennis Space Center MS 39529-6000			7. ADMINISTERED BY (If other than Item 6) NASA Stennis Space Center Office of Procurement Building 1100 Room 251H Stennis Space Center MS 39529-6000				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)			<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. 80SSC023R0001 <input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 09/07/2023 <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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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.

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.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, 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 <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to issuing office.	

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

See continuation pages

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) Charles J Heim Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

Previous edition unusable

14. DESCRIPTION OF AMENDMENT/MODIFICATION *continued*:

The purpose of this amendment is to incorporate the following changes/updates in response to questions received from the RFP:

SF 1449 Continuation Pages:

1. **LIST OF ATTACHMENTS:**

- (a) Updated – Attachment 15 Responses to RFP Questions
- (b) Added – Attachment 16, AB-Complex Data Flow 220513.xlsx
- (c) Added – Attachment 17, E-Complex Data Flow 220513.xlsx
- (d) Replace initial page 18 of 18 with the updated page 18 of 18, List of Attachments, included with this amendment

Attachment 15, **Responses to RFP Questions:**

- 1. Updated Attachment 15 to provide responses to additional RFP Questions.

Attachment 16, **AB-Complex Data Flow**

- 1. Reference Q&A #12: Added new attachment to address additional questions submitted to the RFP.
 - (a) Provided raw data in (electronic format) in attached file “AB-Complex Data Flow 220513.xlsx”

Attachment 17, **E-Complex Data Flow**

- 1. Reference Q&A #12: Added new attachment to address additional questions submitted to the RFP.
 - (a) Provided raw data in (electronic format) in attached file “E-Complex Data Flow 220513.xlsx”

All other terms and conditions remain unchanged.

LIST OF ATTACHMENTS

ATTACHMENT NUMBER	ATTACHMENT TITLE	PAGES
1	Statement of Objectives *	4
1a	Responsibility Matrix *	1
1b	Analysis *	12
1c	Draft License Agreement **	10
1d	Draft Reimbursable Space Act Agreement **	11
2	Pricing Sheet *	2
3	List of Applicable References ***	1
4	Box Instructions ***	1
5	Provisions ***	29
6	Past Performance Matrix ***	1
7	Past Performance Questionnaire ***	2
8	Quality Assurance Surveillance Plan (Informational Only) **	7
9	Incorporated Changes from DRFP *	6
10	Responses to Draft RFP Questions *	5
11	Geotechnical Report (Informational Only) ***	102
12	Industry Day Documents ***	27
13	Utility Drawings ***	1
14	MS Primary Drinking Water Regulations ***	39
15	Responses to RFP Questions *	2
16	AB-Complex Data Flow 220513.xlsx *** (Electronic Format)	470
17	E-Complex Data Flow 220513.xlsx *** (Electronic Format)	2713

Contractor shall submit Attachment 2 at the time proposals are due which will become part of the contract.

* Incorporated into the contract

** Final Version Incorporated into the contract

*** Incorporated into the contract by Reference

80SSC023R0001, SSC Gaseous Nitrogen Generation Solution (NGGS)				
Solicitation Questions and Answers Log				
Question No.	Reference	Question / Comment	Response	Changes / Comments
12	<i>Question 8, Amendment 1, Attachment 1b Analysis, and Attachment 12 Industry Day Documents</i>	We appreciate the additional flow data, but more than an image is needed. We respectfully request the raw data for channel AB and E complex on pages 17-18. We can see from the images that there is a software function to "Export as CSV". This data in raw CSV format is necessary to fully design a technical solution. Without the data, the design would have to be made with too many unnecessary assumptions.	The raw data that is available does not provide a complete picture. Using the raw data without knowing test schedules, future plans for nitrogen usage, assumptions for other demands for nitrogen that are not shown in this data set and typical use cycles driven by test schedules and periodic activities may lead to incorrect conclusions. The requirements are defined in 80SSC023R0001 NGGS RFP.pdf on pages 20-21 and additional detail concerning the flow demands are provided on pages 28-31 and pages 224-227. The data that in the two electronic files being provided includes the two primary flows supplying the east and west test areas. It does not include the sampling and calibration labs. The raw data should be used only with the information provided in the 80SSC023R0001 NGGS RFP.pdf document.	1. Added – Attachment 16, AB-Complex Data Flow 220513.xlsx (Electronic Format) 2. Added – Attachment 17, E-Complex Data Flow 220513.xlsx (Electronic Format) 3. Replace Amended page 18 of 18 with the updated page 18 of 18, List of Attachments, included with this amendment
13	<i>SF 1449, Block 8</i>	We respectfully request at least an additional 30 days. The additional time is reasonable by industry standards and is necessary to complete all tasks required for a fully developed proposal contemplating design, materials, labor, approvals, and costs.	At this time the proposal due date remains unchanged and reads October 13, 2023 by 3:00 pm Central Time.	No Change
14	<i>Attachment 2, Pricing Sheet</i>	We respectfully request the government allow for annual firm-fixed pricing. Holding the pricing at firm amount for 10 years does not align with GAAP accounting principles to which industry must reflect true costs and profit realized in each annual period. Requiring an averaged price over a ten-year period improperly dilutes financial information provided for company stakeholders and government tax regulations.	NASA will continue to request one unit price for all tiers for the full 10-year period. If the Offeror believes another proposal method is a better option, per Attachment 5, FAR 52.212-1(e), Alternate Proposals, an offeror can submit alternate proposals that depart from the stated requirements. Offerors are required to submit a proposal that conforms to the solicitation as well as any alternate.	No Change