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| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE 1 OF 4 PAGES | |
| 2. AMENDMENT/MODIFICATION NUMBER A0001 | | 3. EFFECTIVE DATE 10/22/2018 | | 4. REQUISITION/PURCHASE REQUISITION NUMBER NMAN7200-19-00004 | | 5. PROJECT NUMBER (If applicable) | |
| 6. ISSUED BY NOAA/ERAD 200 GRANBY STREET NORFOLK, VA 23510 | | CODE AJ930073 | | 7. ADMINISTERED BY (If other than Item 6) See Block 6 | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) | | | | (X) | | | |
| | | | | 9A. AMENDMENT OF SOLICITATION NUMBER 1305M218RNMAN0027 9B. DATED (SEE ITEM 11) 09/28/2018 10A. MODIFICATION OF CONTRACT/ORDER NUMBER 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 ACKNOWLEDGMENT 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)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NUMBER 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 NUMBER 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 ☐ 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.)

DRYDOCK REPAIRS TO NOAA SHIP THOMAS JEFFERSON.

See following pages for additional information.

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

This amendment is being issued to make changes and corrections to the Solicitation, provide responses to questions received from Contractors, and supply additional reference documents as follows:

Question 1. Work Item 313 calls for a “maintenance system” for 80% of the underwater hull in accordance with NOAA Standard Specification MOC-631-3B. MOC-631-3B paragraph 3.3.2, sub-paragraph b. requires use of the same ablative antifoulant as existing. Please confirm the existing ablative antifoulant?

Answer 1. Work Item 313 is updated to include requested information. The revised Specification is provided as an electronic attachment posted to this amendment on FEDBIZOPPS.

Question 2(a). Is it the specification intent by NOAA for the contractor to develop and provide detailed design and completed engineering to support the following work items:

309
317
502
503
508

Answer 2(a). The intent of NOAA is for the contractor to provide required drawings and complete the level of engineering as identifiable within each of the Work Items. For Work Items 317, 502, and 503 the contractor is required to replace existing operational systems. Work Item 309 is an upgrade to the system using provided ABS approved designs. Paragraph 3.9.4 a. 1. of Work Item 309 provides the remaining level of engineering required for this Work Item. Paragraph 5.8.4. b. of Work Item 508 provides the level of engineering required for this Work Item.

Question 2(b). Is the contractor to be held responsible for specific operational ability of each system based on the design?

Answer 2(b). Each system, as repaired, modified or installed by the contractor through the use of these specifications, is required to be operational for its intended service. Work Item 318 requires the contractor to develop a test procedure for thorough testing of work accomplished.

Question 3. The lead times of contractor furnished specific materials necessary to perform the modifications may have a considerable lead time based on historical relevant work. Does NOAA have a plan for accommodating potential lead times?

Answer 3. NOAA is providing materials as GFM that were anticipated as being long lead time materials. At the time of development of these specifications, all other materials were determined as available within a reasonable time to allow accomplishment of the required work during the period of performance.

Question 4. Document titled “Thomas Jefferson – HVAC System Design – 9.1.2015” contained within “Miscellaneous supporting information” is not openable. Please provide.

Answer 4. The identified document is reference (aj) of Work Item 309. This file was developed in and is viewable through Diamond System Builder which is a proprietary program of Mitsubishi. Access to the program is through the OEM authorized representative required in paragraph 3.9.4 a. 8. A pdf version of the file will be provided.

Question 5. For Work Item 508, in order to provide an accurate price for the cost of installing permanent ballast in tank 4-08-1 it requires the new bulkhead design for Frame 12 and Frame 14 and the capacity of the tank in both configurations be provided. Does NOAA expect the contractor to pay for engineering services in the preparation of our proposal?

NOAA has provided that for bidding purposes, contractors are to assume that the result of the Work Item will be the addition of 94 LT of weight; some calculations have already been performed and as a minimum, the approximate weight of the steel required for the bulkhead at either Frame 12 or Frame 14 is known and the approximate capacity (in gallons) of the modified tank 4-08-1 is known.

Can NOAA provide these approximations for bid purposes?

Answer 5. Permanent ballast is available in multiple densities, which gives rise to the flexibility allowed in the specification for attaining the desired 94 LT weight addition. The information provided in the specification is all that is available. NOAA does not expect the contractor to pay for engineering services in preparation of proposals; however, engineering services may be required in performance of the work item depending on shipyard capabilities. Shipyards have been provided sufficient information to calculate the anticipated additional steel weight and approximate permanent ballast density needed to attain the required weight addition.

Question 6. Work Items 502 and 503 require the replacement of a significant portion of the existing potable water supply and discharge systems with SeaCor or equal, thermoplastic materials. The references provided contain “PARTS LIST” that identify the size and type of the existing materials but identify the quantity, in most cases, as A/R (as required). Will NOAA provide quantities to use for bidding purposes? Will NOAA consider having each of the bidders quantify what their bid represents? How will NOAA insure that all the bidder prices represent the same work scope?

Answer 6. Actual quantities are not known. Contractors should base quotes on the information provided in the specification and supporting documents. Additionally, all passageways have open overheads and there are accesses to the overhead in all living spaces. Contractors participating in the prebid inspection will be authorized to open these accesses to obtain information.

Question 7. There are several references in several work items that were not included in the initial reference download. Is NOAA planning on providing all of the references required or deleting those references that are not available from the work items?

Answer 7. Please see the revisions and attachments uploaded with this amendment. If any references are missing, provide a list identifying them by name/title.

Question 8. When does NOAA anticipate the issue of the first amendment to the solicitation and a firm date for a ship check?

Answer 8. NOAA has identified Friday, November 16, 2018, 9:00 AM EST at MOC-A 439 West York Street, Norfolk, VA. All contractors, vendors, and visitors must make pre-arrival arrangements on or before November 9, 2018 for access in advance by contacting Port Engineer, Neil Lamartin, phone: 757-441-6369; email: neil.s.lamartin@noaa.gov.

End of Amendment 0001