

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 9
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 28-Feb-2023	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVAL AIR WARFARE CENTER AD (LKE) CODE 2.5.2.2 BLDG 562-3 HWY 547 LAKEHURST NJ 08733-5082	CODE N68335	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N6833522R0049	
		X	9B. DATED (SEE ITEM 11) 31-Jan-2023	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer 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 <u>1</u> 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 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 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 APPLIES ONLY TO MODIFICATIONS OF CONTRACT 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 <input type="checkbox"/> is not, <input type="checkbox"/> 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.) See Summary of Changes				
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)		
		TEL:	EMAIL:	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)		28-Feb-2023

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0001**Government Point of Contact:**

Contract Specialist

Duane Hines

Duane.m.hines.civ@us.navy.mil

Phone: 732-323-4831

Government Cell: 240-577-9089

The purpose of this amendment is to:

1. Extend the proposal submission due date to 20 March 2023 at 12:00 PM Eastern.
2. Part Number 4293AS0100-1 was erroneously omitted from the Minimum and Maximum clause 5252.216-9506- Minimum and Maximum Quantities. The clause has been updated to reflect the correct Minimum and Maximum quantities and Statement of Work Paragraph 1.0 Scope reflects the same quantities.
3. Statement of Work Scope 1.0 Minimum and Maximum quantities revised to match clause 5252.216-9506.
4. Revise Points of Contact for all requirements to show Mr. Duane Hines as the Point of Contact for all submissions of the Attachment 2- Past Performance Questionnaire.

SECTION A - SOLICITATION/CONTRACT FORM

The following have been modified:

ADDITUIONAL INFORMATION**Government Point of Contact:**

Contract Specialist

Duane Hines

Duane.m.hines.civ@us.navy.mil

Phone: 732-323-4831

Government Cell: 240-577-9089

This solicitation is 100% Small Business Set Aside. The solicitation package is intended to competitively procure the manufacture, assembly, inspection, and delivery of five (5) distinct types of Peculiar (PSE) and Common (CSE) Support Equipment for the V-22 Aircraft.

It is anticipated that this solicitation will result in a single award, five (5) year, Fixed Price (FP), Indefinite Delivery, Indefinite Quantity (IDIQ) type contract. The resultant contract will be a rated order certified for national defense use, and you will be required to follow all provisions of the Defense Priorities and Allocations System regulation (15 CFR 700) (FAR 52.211-15).

The IDIQ minimum quantity, fifty-four (54) items, of support equipment identified in Clause 5252.216-9506 MINIMUM AND MAXIMUM QUANTITIES will be placed on Delivery Order (DO) 0001 concurrent with award of the IDIQ contract.

IMPORTANT INFORMATION: Registration in the Department of Defense (DoD) System for Award Management (SAM) database will be a prerequisite for receiving an award. For more information on the SAM database, refer to the SAM website at <https://www.sam.gov/portal/public/SAM>.

Proposal validity shall be for 180 days.

RELEASE OF TECHNICAL DATA PACKAGE INFORMATION: Drawing Packages, associated with the solicitation, will NOT be posted with the Request For Proposal and must be obtained through this office. This program includes information that is only releasable to current and approved Department of Defense (DoD) contractors. In addition, the program requires a procurement effort in certain critical technologies/data that are not releasable to foreign firms. Some documents are under Federal export control for “sensitive” or “controlled” technologies regulated by the U.S. Department of State International Traffic in Arms Regulations (ITAR) protecting national security. Data may not be exported without an approval, authorization, or license under E.O. 12470 or the Arms Export Control Act. Disclosure of the control drawings requires the verification of a current license for the oral, visual or documentary disclosure of technical data by U.S. persons to foreign persons as defined under the U.S. Department website: <http://pmdtc.org/licenses.htm>.

Drawing Packages are export controlled. Contractors interested in receiving the necessary technical data for proposal purposes, must submit a valid, current DD Form 2345 Military Critical Technical Data Agreement to this office. The DD Form 2345 must be on file with the United States/Canada Joint Certification Office. For more information please visit <https://public.logisticsinformationservice.dla.mil/PublicHome/jcp/default.aspx>.

Interested Firms shall submit a written request for a copy of the Technical Data Package through Mr. Duane Hines at: duane.m.hines.civ@us.navy.mil. To obtain a copy of Drawing Packages, the written request must be submitted to this office and must include the name of your company, mailing address, phone number, email address, current CAGE number and a copy of current DD Form 2345.

Ordering year time periods are defined as the following:

ORDERING YEAR	CLINS	START DATE	END DATE
1	1001-1034	Contract Award	365 Days After Contract Award
2	2001-2026	366 Days After Contract Award	731 Days After Contract Award
3	3001-3026	732 Days After Contract Award	1097 Days After Contract Award
4	4001-4026	1098 Days After Contract Award	1463 Days After Contract Award
5	5001-5026	1464 Days After Contract Award	1829 Days After Contract Award

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:
STATEMENT OF WORK

STATEMENT OF WORK (SOW)

**Various Aircraft Wiring System Repair Tool Sets
from Drawing Packages for V-22 Variant Aircraft**

1.0 Scope

This SOW establishes the specified tasks and schedule that must be accomplished by the Contractor, in order to fulfill the requirements of this Government solicitation to manufacture the specified quantities of the below listed Aircraft Wiring System Repair Tool Sets (hereafter referred to as Tool Sets). Each of the Tool Sets have a complete technical drawing package, which is forwarded, after verification of data custodian, as part of this solicitation,

detailing the design, related specifications and standards, and required methods to manufacture the Tool Sets. This contract effort entails the following tasks:

1.1 Manufacture the following Tool Sets for V-22 Aircraft Platform based on the complete drawing packages provided with this solicitation for each Tool Set:

1.1.1 Part Number (PN) 3329AS100-3, Aircraft Wiring System Repair Tool Set, quantity = 12

1.1.2 PN 3948AS100-1, Supplemental Aircraft Wiring System Repair Tool Set, quantity = 13

1.1.3 PN 4026AS700-1, V-22 Supplemental II Aircraft Wiring System Repair Tool Set, quantity = 13

1.1.4 PN 4164AS0100-1, Supplemental III Wiring System Repair Set, quantity = 18

1.1.5 PN 4293AS0100-1, Supplemental IV Wiring System Repair Set, quantity = 23

2.0 Applicable Documents, Guidance Documents, Government Furnished Information, Equipment, and Material

2.1 Applicable Documents

2.1.1 MIL-STD-130 Identification Marking of US Military Property

2.2 Guidance Documents

2.2.1 MIL-HNDBK-61A Military Handbook: Configuration Management Guidance

2.3 Government Furnished Information (GFI)

Attachment (A): Drawing Package for PN 3329AS100-3, MV-22 Aircraft Wiring System Repair Tool Set

Attachment (B): Drawing Package for PN 3948AS100-1, V-22 Supplemental Aircraft Wiring System Repair Tool Set

Attachment (C): Drawing Package for PN 4026AS700-1, V-22 Supplemental-II Aircraft Wiring System Repair Tool Set

Attachment (D): Drawing Package for PN 4164AS0100-1, Supplemental III Wiring System Repair Set

3.0 Program Technical Task Descriptions and Reviews

The following technical tasks and reviews shall be conducted, as part of this contractual effort to manufacture the specified quantities of the Tool Sets called out in paragraph 1.1 above

The Contractor shall perform the following tasks to fulfill the requirements of this contractual effort:

3.1 Review GFI Drawings

The Contractor shall review the GFI drawings submitted as part of this solicitation. Any remaining questions about any aspect of the drawing packages, and/or their technical content, shall be addressed to the Government at the Post Award Review (PAR) teleconference. If any technical questions arise subsequent to the PAR then the Contractor may address these through telephone or email correspondence with the contract Technical Point of Contact (TPOC) or by requesting a Technical Interchange Meeting (TIM).

3.2 Conduct a Post Award Review (PAR) Teleconference

The Contractor shall host the Government for a PAR teleconference NLT 21 days After Contract Award. During the PAR teleconference, all of the terms of this contractual effort shall be reviewed. Any remaining areas of misunderstanding or concern shall also be addressed. The PAR shall be planned for one day. The meeting may be conducted by telephone only or video teleconference.

3.3 Order the Bill of Materials (BOMs)

The Contractor shall order the BOMs for all of the Tool Sets to be manufactured under the terms of this Contract. The BOMs shall be ordered immediately after the PAR teleconference is declared as "passed" by the Government.

3.4 Fabricate First Article Tool Sets and conduct First Article Inspection (FAI)

The Contractor shall fabricate one first article for each of the four Tool Sets (a total of four separate first articles). The Contractor shall host the Government, at their facility, in accordance with CDRL A009 for a FAI of all four first article Tool Sets, NLT 105 days after contract award. The FAI shall be planned for two working days. Specific recommendations, action items and disposition (approval/disapproval) shall be documented in meeting minutes (see CDRL A009). *Special Note: Due to the travel and social disruption resulting from the COVID-19 Pandemic, the Government reserves the right to reorganize any or all meetings scheduled to be conducted at the Contractor's facility into teleconference, video teleconference, or other format that can accomplish the goals of this contractual effort. The use of still photos and video may also be used to accomplish a Virtual FAI (VFAI). The Contractor shall be advised NLT 30 days prior to the scheduled start of the technical review.*

3.5 Tool Set Production

The Contractor shall begin manufacturing of production quantities of each of the Tool Sets after each particular Tool Set is declared by the Government to have passed FAI (the Contractor is not required to wait for all four Tool Sets to pass the FAI to begin production of any particular Tool Set). The Contractor shall deliver all of the Tool Sets, under the basic Contract, to the Government In Accordance With (IAW) the contractual schedule requirements. After production of the Tool Sets, the Contractor shall ship the Tool Sets to the Government IAW the terms of the Contract.

3.6 Design Change Notices (DCN), Request for Variance, and Response to Government Quality Deficiency Reports (QDR)

The Contractor throughout the course of this contractual effort is authorized to submit a DCN, or Request for Variance, to the Government. Typically, these documents will be submitted to correct a drawing error or a part obsolescence issue; or as part of a Value Engineering Change Proposal (ECP). When submitting a DCN or Request for Variance the Contractor shall clearly state the problem and the recommended solution. The Government shall approve or disapprove the DCN or Request for Variance within 10 working days. If the Government fails to approve or disapprove the DCN or Request for Variance within 10 days, then the Tool Set delivery dates shall slip one day for each day of delay until the DCN or Request for Variance is approved or disapproved. In addition, the Contractor shall respond to Government QDRs after production delivery of the Tool Sets during the duration of this contract. The Contractor shall respond to the QDR within 10 days of receipt. The Government shall approve or disapprove the Contractor's response within 7 days. MIL-HNDBK-61A Military Handbook: Configuration Management Guidance, may be used as guidance for these configuration control documents.

4.0 Program Technical Reviews

The following meetings and technical reviews shall be conducted, as part of this contractual effort to manufacture the specified quantities of the Tool Sets called out in paragraph 1.1 above

4.1 Conduct System Engineering Technical Reviews (SETRs) with the Government

a) Teleconference Table-top PAR

The Contractor shall host a table-top PAR teleconference NLT 21 Days After Contract Award. The PAR meeting should be planned for a duration of one day. The objective of this meeting is to review the requirement of this contract effort, to address and resolve any areas of disagreement, and to plan the program execution for the best probability of success. One of the key milestones for this review is the presentation by the Contractor, and discussion and approval of the Integrated Master Schedule (IMS). Once the IMS is approved at the PAR it will be the official planning schedule for the project. Changes to the IMS after approval at the PAR must be mutually agreed upon between the Contractor and the Government. During the PAR the salient portions of the contract, including the SOW, the product specification, and all attachments shall be read and discussed. During the table-top PAR any questions or discrepancies with the Drawing Packages shall be discussed and a plan developed for resolution. All of the discussions and action items shall be captured in meeting minutes. The minutes shall be prepared by the Contractor IAW Contract Data Requirements List (CDRL) A001.

PAR Entry Requirements:

- A) Contract Award
- B) Completion of Draft IMS

Post Award Exit Criteria:

- A) Conduct of Table-top PAR
- B) Government approval of the Contractor prepared PAR meeting minutes
- C) Contractor presentation of, and Government approval of, the program IMS

b) Tool Set FAI

A FAI shall be conducted IAW the direction detailed in paragraph 3.5 above.

c) Technical Interchange Meetings (TIMs):

The Contractor shall plan to conduct TIMs with the Government during this contractual effort. The purpose of the TIM is for the Contractor and the Government to have technical meetings outside of the official SETRs. These TIMs shall be conducted as teleconferences and may be called by the Government or by the Contractor to discuss any important technical problem or issue related to this project. Over the life of this project, the Contractor shall plan to have a total of four hours of TIMs with the Government, with three Contractor technical personnel present including the Contractor Project Leader and the Lead Engineer.

5.0 Contract Data Requirements List (CDRL); the Contractor shall perform development and timely delivery of contract CDRLs, Form DD1423-1 to the Government. The CDRLs are required as part of this contractual effort and shall be prepared and delivered in accordance with this SOW and the associated CDRLs.

5.1 Design Change Notice (DCN) (CDRL A001)

The requirement may arise for the Contractor to submit a DCN in order to correct, modify, enhance or improve the Tool Set designs, to replace an obsolescent part, correct a latent defect in the Tool Set design. If required, the DCN shall be prepared and submitted IAW CDRL A001. The DCN shall completely and clearly describe the proposed design changes. Note that a DCN shall only be submitted for this contractual effort if required. Ideally, no DCN will need to be submitted.

5.2 Request for Variance (CDRL A002)

The Contractor has the option of submitting a Request for Variance IAW CDRL A002. Refer to MIL-HDBK-61A Military Handbook: Configuration Management Guidance for guidance on requirements for content and processing Request for Variance. Note that a Request for Variance shall only be submitted for this contractual effort if required. Ideally, no Request for Variance will need to be submitted.

5.3 Response to Government-Generated Quality Deficiency Report (QDR) (CDRL A003)

The Contractor shall prepare a response to a Government-Generated QDR IAW CDRL A003. The QDR corrective action report shall attribute causes and propose corrective action to the observed or reported quality deficiency.

5.4 Meeting Agenda, CDRL A005

The Contractor shall prepare a Meeting Agenda and submit it to the Government for approval NLT 10 working days prior to the start of the PAR, FAI, and TIMs. The Meeting Agenda shall be prepared in the preferred format of the Contractor. The Agenda shall clearly communicate the meeting start date and time, the meeting anticipated end date and time, the meeting location or the medium over which the meeting shall be conducted (e.g. telephone bridge, video teleconference, including all pass codes required to participate), the exact planned sequence of topics to be discussed, and the anticipated duration of each topic and task that is included in the Agenda.

5.5 Meeting Minutes, CDRL A006

The Contractor shall prepare meeting minutes and submit them to the Government for approval NLT 5 working days after the completion of the PAR, FAI and TIMs. The meeting minutes shall be prepared in the preferred format of the Contractor and shall clearly communicate topics of discussion, conclusions and decisions related to the discussion topics, results of task implementation during the meeting, all action items and the individuals to which they are assigned, project risk areas and risk mitigation plans.

5.6 Integrated Master Schedule (IMS), CDRL A007

The Contractor shall develop and submit an IMS to the Government for review and approval NLT 7 days prior to the start of the table-top teleconference PAR. The IMS will be discussed and approved as part of the PAR. This shall establish the baseline project schedule. The IMS shall be prepared in the preferred format of the Contractor and shall consist of the project Work Breakdown Structure (WBS), schedule and task relationships (a priori and post a priori relationships). The IMS shall be presented in GANTT Chart format for clarity. Future changes to the baseline IMS shall be by mutual agreement between the Contractor and the Government.

5.7 Bi-monthly Status Report, CDRL A008

The Contractor shall prepare and submit status reports, every other month, throughout the duration of this Contract. The report shall detail technical progress, highlight accomplishments and list upcoming program events for the next reporting period.

6.0 **Special Requirements**

6.1 Contractor Configuration Control Management System

The Contractor shall maintain an effective Configuration Control Management System throughout the duration of this Contract. The configuration control system shall result in configuration control of the first article and production hardware and configuration control of data deliverables. The configuration control system shall maintain tracking and control of document versions, revisions and hardware changes. MIL-HNDBK-61A Military Handbook: Configuration Management Guidance may be used as guidance for these configuration control documents.

6.2 Contractor Quality assurance (QA) System

It is desired that the Contractor maintain a QA System adhering to, or equivalent to ISO 9001 and AS9100.

6.3 Item Unique Identification (UID) Marking of US Military Property

In accordance with DFARS Clause 252.211-7003 Item Identification and valuation, the Contractor is required to mark and register all end items and their components meeting the requirements called out in MIL-STD-130N. These include components for which the Government's unit acquisition cost is \$5,000 or greater, or any component, subassembly or embedded part that is serially managed, mission essential or a controlled inventory item.

a) Construct and Method

Details on creating the UID and the marking method are contained in MIL-STD-130N. The UID may be either UID Construct #1 or Construct #2 with Construct #2 being the preferred method.

b) UID Location and Marking

The locations and marking methods selected should result in no impact on the performance of the part and minimal configuration change(s) to the part. If the 2D matrix cannot be incorporated onto the data plate, a 2D matrix sticker can be applied onto the main data plate provided it can be done without covering any critical data. If the above cannot be accomplished, a separate data plate can be attached which contains the 2D Matrix plus the human readable characters for the PN, Serial Number (SN), and CAGE. This added data plate should be attached in close proximity to the main data plate.

c) Permanency and Legibility

The UID marking and identification plates, tags, or labels when used on equipment, parts, assemblies, subassemblies, units, sets, or groups shall be permanent during the normal life expectancy of the item and be capable of withstanding

the environmental test and cleaning procedures specified for the item. Legibility shall be as required for ready readability as per MIL-STD-130N.

d) UID Registration

The prime Contractor has the responsibility to furnish IUID data to the IUID registry. Data submission of IUID data and acquisition cost should be via Wide Area Work Flow (WAWF), IUID XML file, IUID flat file or web entry. Additional information regarding data submission as well as the actual marking can be found at <<http://www.acq.osd.mil/dpap/UID/>>.

e) Records

The Contractor shall maintain an accurate, current list of UIDs for all manufactured items on this contract and supply to the Government upon request. The list shall include PN, SN, CAGE, UID Location, Construct used, how it was marked and the registration method used.

6.4 Packaging, Preservation and Shipping

Packaging, Preservation and Shipping shall be IAW best commercial practices available and shall provide protection from normal climatic / weather conditions and incidental mishandling during shipping. The production Tool Sets shall be shipped to the following address:

NAVAIR

For CV-22

DODAAC: N68335

NAVAIR Lakehurst

HWY 547, SE Staging BLDG 195

Hangar 6

Joint Base MDL, NJ 08733-5000

MARK FOR: CV-22 5C2

POC: Michelle Pierce

(732) 323-1042

For CMV-22

DODAAC: N68335

NAVAIR Lakehurst

HWY 547, SE Staging BLDG 195

Hangar 6

Joint Base MDL, NJ 08733-5000

MARK FOR: CMV-22 5M2

POC: Scott McChesney

(732) 323-4906

SECTION F - DELIVERIES OR PERFORMANCE

The following have been modified:

5252.216-9506 MINIMUM AND MAXIMUM QUANTITIES (NAVAIR)(MAR 1999)

As referred to in paragraph (b) of FAR 52.216-22 " Indefinite Quantity" of this contract, the contract minimum quantity is [54]; the maximum quantity is [79].

PART NUMBER	NOMENCALTURE	MIN QTY	MAX QTY
SERD 2212, P/N 3329AS100-3	TOOL SET, AIRCRAFT WIRING SYSTEM REPAIR	7	12

SERD 3125, P/N 3948AS100-1	WIRING SYSTEM REPAIR SET, V-22 SUPPLEMENTAL	8	13
SERD 3816, P/N 4026AS700-1	WIRING SYSTEM REPAIR SET, V-22 SUPPLEMENTAL	8	13
SERD 4180, P/N 4164AS100-1	WIRING SYS REPAIR SET, SUPPLEMENTAL III	13	18
SERD 3491, P/N 4293AS0100-1	WIRING SYS REPAIR SET, SUPPLEMENTAL IV	19	23
TOTALS		54	79

(End of Summary of Changes)