

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE S		PAGE OF PAGES 1 50	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 07-Feb-2023		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVAL SURFACE WARFARE CENTER PHILA CODE 02222, CRAIG WRIGHT 215-897-8275, CRAIG.WRIGHT@NAVY.MIL 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112		CODE N64498		7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> X		9A. AMENDMENT OF SOLICITATION NO. N6449823R4004	
				<input checked="" type="checkbox"/> X		9B. DATED (SEE ITEM 11) 19-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 type="checkbox"/> is extended, <input checked="" 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 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 <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 page 2.							
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)		07-Feb-2023	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The required response date/time has changed from 20-Feb-2023 12:00 PM to 06-Mar-2023 12:00 PM.

The solicitation issue date has changed from 15-Mar-2022 to 19-Jan-2023.

The following have been added by full text:

AMENDMENT 0001

The purpose of the subject Amendment 0001 is to perform the following:

1. Extend the closing date of the solicitation from 20 February 2023 at 12:00 pm to 06 March 2023 at 12:00 pm in block 9 of the SF33.
2. Correct the SF33 block 5 Date Issued from 15-Mar-2022 to 19-Jan-2023.
3. Section C, SOW update Section 12.5 to delete the asterisk and reference to “(four resumes required).”
4. Section H, the fill-in at H-216-H002 LEVEL OF EFFORT--ALTERNATE I (NAVSEA) (NOV 2022), subparagraph (b) has been updated to reflect, “TBD AT TASK ORDER LEVEL.”
5. Section J, add Attachment 8 – NSWCPD Small Business Participation Commitment Document (SBPCD).
6. Section L, update Section L.3 table to specify the page count for Volume II – Technical to be 50 pages.
7. Section L, update Section L.3.2.5.c NAICS from 336611 with a size standard of 1,250 employees to 541330 with a size standard of \$25.5 million.
8. Section L, update Section L.3.3.1 to reference Attachment 8 – NSWCPD Small Business Participation Commitment Document (SBPCD) vice Attachment X.
9. Section L, update Section L.3.3.1 to indicate a Minimum Quantitative Requirement (MQR) of 40%, of which at least 25% shall be attributed to direct labor hours.
10. Update SAM.GOV Notice ID N6449823R4004 for the following:
 - a. Update the NACIS from 336611 to 541330.
 - b. Update the solicitation closing date and time from 20 February 2023 at 12:00 pm to 06 March 2023 at 12:00 pm.
 - c. Upload solicitation N6449823R4004 Amendment 0001.
 - d. Upload a working copy of Section J Attachment 4, DD254.
 - e. Add Section J Attachment 8 – NSWCPD Small Business Participation Commitment Document (SBPCD).
11. Answer potential Offeror questions received in regards to solicitation N6449823R4004.

The answers to questions received are below:

1. The current closing date for this solicitation is a Federal Holiday, Presidents Day. Will the Government please provide a 2 week extension of time to submit.

ANSWER: Amendment 0001 updates the solicitation closing date and time from 20 February 2023 at 12:00 pm to 06 March 2023 at 12:00 pm.

2. RFP p. 180, Clause 52.204-8 states: “(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 541330.” RFP p. 206, Section L.3.2.5.c states “NOTE: The North American Industry Classification (NAICS) code applicable to the requirements contained within this solicitation is 336611. Please clarify the NAICS Code.

ANSWER: The North American Industry Classification System (NAICS) code for this acquisition is 541330 with a size standard of \$22.5 million. Section L.3.2.5.c has been updated to reflect 541330 with the correct size standard. The solicitation posting in SAM has also been updated to reflect a NAICS of 541330.

3. RFP p. 206, Section L.3.3.1. Please provide the SBPCD attachment referenced in this section as attachment X.

ANSWER: The Small Business Participating Document (SBPCD) has been added as Attachment 8 in RFP Section J. The SBPCD has been referenced as Attachment 8 in RFP Section L.3.3.1.

4. RFP p. 28, Section 12.3 indicates that zero resumes are required for Computer Engineer III. RFP p. 30, Section 12.5 states “Computer Engineer Level III* (EC3) (four resumes required)”. Please clarify if resumes are required for this non-key position.

ANSWER: Section C SOW, Section 12.5, has been updated to delete reference to “(four resumes required)” as well as the asterisk.

5. Will relevant experience be accepted in lieu of the degree requirements stated in the solicitation?

ANSWER: No, relevant experience will not be accepted in lieu of degree requirements as stated. The solicitation is clear on its face.

6. RFP p. 200, Section L.2 states: “The font shall be Times New Roman with a font size of 12 throughout the document.” Will the government allow a minimum font size of 8 for tables and charts?

ANSWER: No, the Government will not allow a minimum font size of 8 for tables and charts. The font shall be Times New Roman with a font size of 12 throughout the document.

7. Volume III: Factor 2 - Section L.3.3.1 Small Business Participation Commitment Document (SBPCD) the government states “All Offerors (both other than small businesses and small businesses) shall comply with the requirements of this factor. In preparation of the Small Business Participating Document (SBPCD), please note the Minimum Quantitative Requirement (MQR) specified in Section M. Offerors shall submit the SBPCD in the format provided under Attachment X.” Would the Government please provide Attachment X?

ANSWER: Section L.3.3.1 has been updated to indicate a Minimum Quantitative Requirement (MQR) of 40%, with at least a minimum of 25% shall be attributed to direct labor, as well as assigns Attachment 8 to the Small Business Participating Document (SBPCD).

8. Section L.3.2.5 (c) Subcontract Management states “The North American Industry Classification (NAICS) code applicable to the requirements contained within this solicitation is 336611. Section K Fill-in 52.204-8 (a)(1) states “The North American Industry Classification System (NAICS) code for this acquisition is 541330”. Would the government clarify which NAICS code is applicable for this effort?

ANSWER: Please see the answer to #2.

9. Section L-215-H004, Instructions for Pricing of Contract Data Requirements List, Page 217 of the solicitation requires Offerors to complete the Price Group and Total Estimated Price blocks. Will the government please clarify if this is a requirement for this proposal submission?

ANSWER: The Offeror is not required to price Contract Data Requirements Lists (CDRLs) for this requirement since the CDRLs are Not Separately Priced (NSP), and the source selection is technical evaluation only.

10. Section L.3 of the RFP specifies the page count for Volume II-Technical to be 35 pages. Recognizing that the previous RFP for this work had a 50 page limit, the following new items have been added to N6449823R4004:
- 3.2.5 Computer Programming, Software Engineering and Network Support
 - 3.7 Commonality of Systems, Subsystems, and Components;
 - 3.8 Manufacturing Phase-Out or Discontinuation of Production, Diminishing Sources, and Obsolete Materials or Components

Would the government consider an increase in the page count to 50 pages for Volume II-Technical?

ANSWER: Section L.3 table of the RFP has been revised to specify the page count for Volume II – Technical to be 50 pages.

11. RFP L.3.2.3 Non-key Personnel states– “Resumes are not required for non-key personnel” SOW paragraph 12.5, non-key personnel, identifies a requirement under Computer Engineer III for four(4) resumes required. RFP 12.4.4, key personnel does not include Computer Engineer III as a key person. Please confirm that resumes are not required for Computer Engineer III (a non-key personnel).

ANSWER: Please see the answer to #4.

12. Based on the complexity of the RFP and the Government's desired response, coupled with the requirements for subcontractor Letters of Commitment, would the Government consider extending the due date by 15 days?

ANSWER: Please see the answer to #1.

13. On page 207 of 224, paragraph L.3.4 states "If subcontractor experience is submitted for consideration as part of the proposal, the Offeror should include a commitment signed by Offeror and subcontractor certifying that if a contract is awarded resulting from the proposal, the parties commit to joint performance as proposed." Would the government confirm that signed teaming agreements meet this requirement?

ANSWER: Yes, bilaterally signed teaming agreements meet the solicitation requirement.

14. On Page 206 of 224 the NAICS Code is listed as, "The North American Industry Classification (NAICS) code applicable to the requirements contained within this solicitation is 336611. Therefore, companies proposing as a subcontractor under this solicitation as a small business concern must have had an average over their three (3) previous fiscal years that was less than 1250 employees. The size standard certified to by the Prime for their contract is valid for the ordering period and duration of any resultant Contract and Delivery Order issued against this solicitation." Would the Government confirm that the NAICS code for this RFP is 336611?

ANSWER: Please see the answer to #2.

15. On Page 180 of 224 the NAICS Code is listed as "(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 541330. (2) The small business size standard is \$22,500,000." Would the Government confirm that the NAICS code is incorrectly listed on page 180 and it should be 336611?

ANSWER: Please see the answer to #2.

16. On page 206 of 224, section L.3.3.1 speaks to a Small Business Participation Commitment Document located in Attachment X: "L.3.3.1 SMALL BUSINESS PARTICIPATION COMMITMENT DOCUMENT (SBPCD) 1. Contracts would like to submit the questions listed at the end of this email in regards to the SBPCD and Attachment

X document. Normally we are provided a SBPCD attachment that includes both cost information and technical information."

Does the Government intend to provide an "Attachment X" SBPCD Template, or is this a document that will be created by the prime?

ANSWER: Please see the answer to #3.

17. On the Standard Form 33 the Date Issued is 15 Mar 2022. Would the Government update to reflect the correct issue date?

ANSWER: The Standard Form 33 block 5 Date Issued date has been updated from 15 March 2022 to 19 January 2023.

18. On page 30 the Computer Engineer III (EC3) LCAT states that four resumes are required. Would the Government please confirm whether or not resumes are required for the Computer Engineer III (EC3) since it is a non-key LCAT?

ANSWER: Please see the answer to #4.

19. Page 200 of 224, Section L.2. The proposal requirements specify font size not to exceed 12 point font. Will the Government allow the use of 10 point font in tables and charts?

ANSWER: Please see the answer to #6.

20. Would the Government confirm there is no requirement for the subcontractors to submit anything to the Government via DoD SAFE?

ANSWER: The solicitation is clear on its face.

21. The proposal submission date is February 20, 2023 which is a Federal Holiday. Will the Government extend the submission date one week?

ANSWER: Please see the answer to #1.

22. Section K: (page 180) 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (a)(1), states that the NAICS code for this acquisition is 541330, however, Section L.3.2.5 Subfactor E (c) (page 206) states that the NAICS code is 336611. Will the Government clarify if both 541330 and 336611 are applicable to this MAC?

ANSWER: Please see the answer to #2.

23. Section K: (page 180) 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (a)(1), states that the NAICS code for this acquisition is 541330 with a small business size standard of \$22,500,000. If NAICS code 541330 is applicable to this solicitation will the Government consider the exemption for a small business size standard size of \$47,000,000?

ANSWER: The solicitation is clear on its face.

24. Section C, 12.3 LOE Table (page 28) states that there are 4 key positions requiring resumes, PM II. However, Paragraph 12.5, (page 30) states that the Computer Engineer Level III requires four resumes. Will the Government please clarify the key positions and the resumes required?

ANSWER: Please see the answer to #4.

25. Section L: Clauses Incorporated by Reference (page 209) 252.215-7009 - Proposal Adequacy Checklist. Is the offeror required to submit this checklist with the proposal? If yes, which volume should contain the document?

ANSWER: As the source selection is technical evaluation only, the checklist is not applicable.

26. The RFP is due on the 20th, which is a federal holiday. Will the Government revise the due date?

ANSWER: Please see the answer to #1.

27. The RFP states that questions are due 14 days after the issuance of the solicitation; however, the date of issue on the RFP is 15 March 2022. Can the Government please clarify the issue date and the deadline for questions?

ANSWER: The solicitation was posted to SAM.GOV on 19 January 2023, which is considered to be the date of issuance. The SF33 block 5 Date Issued has been updated to reflect 19 January 2023. Therefore, 02 February 2023 was the deadline for questions.

28. RFP L.3.2.3 indicates that resumes are not required for non-key personnel. Please confirm that resumes are not required for the non-key position of Computer Engineer Level III as indicated on page 30.

ANSWER: Please see the answer to #4.

29. To facilitate the photographing of shop equipment from various teammates would the Government consider a two- week extension of time to submit the proposals?

ANSWER: Please see the answer to #1.

30. Section L.1 General Instructions defines “subcontractor” and “major subcontractor” – please clarify how to determine the designation of “major subcontractor” as no pricing is to be submitted.

ANSWER: Please use the program ceiling amount of \$496,122,347 of which ODCs total \$227,784,120.

31. Section L.3.2.5 SUBFACTOR E – TECHNICAL AND MANAGEMENT APPROACH, subparagraph (c) Subcontract Management states “Irrespective of the number of hours proposed, the Offeror shall provide a Subcontract Management Plan detailing the work or portion of work that it intends to subcontract, the type of subcontract, its basis for selecting the subcontractor, and how each subcontractor will be integrated into the overall management plan.” Please explain as no pricing is required for the submission. Please note the italicized text.

ANSWER: Please use the program ceiling amount of \$496,122,347 of which ODCs total \$227,784,120.

32. Page 222, FACTOR 2. SMALL BUSINESS PARTICIPATION COMMITMENT, Paragraph 1. Small Business Participation Commitment Document (SBPCD) states “The baseline small business Minimum Quantitative Requirement (MQR) for small business is 40% of the total proposed contract value (not subcontracting dollars). Of the proposed 40% of the total contract value at least 25% shall be attributed to direct labor hours. Proposals that do not use the total proposed contract value as the base in any calculations contained in the SBPCD, or that do not meet the MQR, will be considered unacceptable.” Please clarify how to comply with this requirement as no pricing is required in the submission.

ANSWER: Please use the program ceiling amount of \$496,122,347 of which ODCs total \$227,784,120.

33. Page 206, L.3.3.1 SMALL BUSINESS PARTICIPATION COMMITMENT DOCUMENT (SBPCD) states “Signed letters of commitment/intent for each proposed small business subcontractor, performing labor hours, listed on the SBPCD.” Please explain how to comply with this requirement when no pricing is being submitted.

ANSWER: Please use the program ceiling amount of \$496,122,347 of which ODCs total \$227,784,120.

34. Page 7, B-216-H006 FEE TABLE (NAVSEA) (MAR 2019) – please advise how to respond when no pricing is being developed for the submission.

ANSWER: The table under B-216-H006 states, “TBD AT TASK ORDER LEVEL.”

35. Page 85, H-216-H002 LEVEL OF EFFORT--ALTERNATE I (NAVSEA) (NOV 2022), subparagraph (b) states “Of the total man-hours of direct labor set forth in Section B, it is estimated that (Offeror to fill-in) man-hours are uncompensated effort.” Please explain how to comply with this requirement as no pricing is being developed for the submission.

ANSWER: The fill-in of H-216-H006 has been updated to reflect, “TBD AT TASK ORDER LEVEL.”

36. Please confirm the correct NAICS – both 541330 (page 180) and 336611 (page 206) are referenced in the RFP.

ANSWER: Please see the answer to #2.

37. Would the Government allow a small font to be used for tables and graphics?

ANSWER: Please see the answer to #6.

38. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 3-7 of 224 Section B
The Government states "Price or Cost will not be a factor" Would the Government remove max amount/Item No pricing from the Section B Document requirements?

ANSWER: No, they are placeholders for when the contract is awarded.

39. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 217 of 224 L-215-H004
The Government states "Offeror shall complete the "Price Group." Would the Government remove the pricing requirement from the solicitation?

ANSWER: Please see the answer to #9.

40. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 180 of 224 Section K – Representations, Certification and Other Statements of Offerors, Section K states that (a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 541330. However, SAM.GOV lists NAICS for this opportunity as 336611 - Ship Building and Repairing. However, Would the Government please clarify the correct NAICS code and update Section K to 336611 - Ship Building and Repairing?

ANSWER: Please see the answer to #2.

41. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 200 of 224 L.2.1. PAGE NUMBERS AND LIMITS -
The bulleted list references Section J Attachments as excluded from the page limitations; yet we are unable to locate any reference in the Instructions as to where Section J Attachments are to be included. Would the Government clarify in which Volume the Section J Attachments are to be included?

ANSWER: Each Section J Attachment, if applicable at the base contract level, would be included in whichever Volume to which it applies. Several Section J Attachments are intended for use at the Task Order level in execution of the Contract.

42. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON 206 of 224 L.3.3.1 SMALL BUSINESS PARTICIPATION COMMITMENT DOCUMENT (SBPCD) The Government references an "Attachment X" but this attachment was not included in the RFP documents. Would the Government provide the referenced attachment?

ANSWER: Please see the answer to #3.

43. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 222 of 224 Section M, FACTOR 2. SMALL BUSINESS PARTICIPATION COMMITMENT Total proposed contract value - The baseline Minimum Quantitative Requirement (MQR) for small business is 40% of the total proposed contract value (not subcontracting dollars). Since there is no Cost Volume/Pricing in this proposal, should offerors use the Government's total program estimate of \$496,122,347 for calculating the small business goal?

ANSWER: Yes, please use the program ceiling amount of \$496,122,347 of which ODCs total \$227,784,120.

44. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 200 of 224 L.2. PROPOSAL FORMAT - The Government states "Proposals shall be prepared on standard 8-1/2" by 11' paper, set at single-spaced with 1" width spacing, 0" left and right indent and a single blank line before and after each paragraph." Does this requirement apply to graphics and tables or for text only?

ANSWER: The proposal format specified applies to the entire document.

45. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON 200 of 224 - L.2. PROPOSAL FORMAT Would the Government allow a smaller font size of no smaller than 10 point for tables to align with the font allowed for spreadsheets?

ANSWER: Please see the answer to #6.

46. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON 200 of 224 - L.2. PROPOSAL FORMAT Would the Government allow a smaller font size of no smaller than 10 point for headers and footers?

ANSWER: Please see the answer to #6.

47. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 200 of 224 - L.2. PROPOSAL FORMAT - The Government states "The font shall be Times New Roman with a font size of 12 throughout the document." Does this font requirement apply to information in the header and footer?

ANSWER: Please see the answer to #6.

48. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON Page 200 of 224 - L.2.1. PAGE NUMBERS AND LIMITS Font Size in graphics Would the Government allow a smaller font size of no smaller than 10 point for drawings and graphics as a 12 point font may distort the presentation and flow of information within the graphic and make it difficult to understand?

ANSWER: Please see the answer to #6.

49. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON SF33 Would the Government consider an extension to the due date to 1 March 2023?

ANSWER: Please see the answer to #1.

50. RFP N6449823R4004 - 41-43 MAC FOLLOW-ON ATTACHMENT 4 DD254
The provided file for Attachment 4 DD254 is "empty". Will the Government provide an updated DD254?

ANSWER: The Government has uploaded the DD254 to SAM.GOV.

51. 12.4 Key Personnel - Computer Engineers, Page 28-30, Program/Project Managers are listed as Key Personnel on page 29 but on page 30, the Computer Engineer III (EC3) states that four resumes are required. Additionally, in 12.3, on page 28, the table says that resumes are only required for the Program/Project Manager. Are resumes required for the Computer Engineer III?

ANSWER: Please see the answer to #4.

52. L.3.3.1 SBPCD, Page 206, This section requires the SBPCD to be submitted in the form of Attachment X which is not listed in Section J List of Attachments. Please provide Attachment X.

ANSWER: Please see the answer to #3.

53. L.2. Proposal Format , Font Size, Page 200, RFP States: "The font shall be Times New Roman with a font size of 12 throughout the document." Will the Government allow a smaller size font in Graphics?

ANSWER: Please see the answer to #6.

54. K,52.204-8,(a)(1),(2),(3), NAICS Code, Pages 180/206, 52-204-8 (a) states applicable NAICS code is 541330 with a small business size standard of \$22,500,000. L.3.2.5,c states that the NAICS code is 336611, with a size standard of 1,250 people. Can the Government please confirm the NAICS code and size standard for this effort?

ANSWER: Please see the answer to #2.

55. We respectfully request that the subject solicitation proposal due date be extended to 13 March 2023.

ANSWER: Please see the answer to #1.

56. Will the Government Agency confirm the NAICS code is 336611 and size standard is 1,250 employees? Section K (pg 180) identifies the NAICS Code and Size Standard as 541330 and 22,500,000 and Section L (pg 206) identifies the NAICS Code and size standard as 336611 and 1250 employees. For reference, previous RFP (N6449817R4004) had same SOW and NAICS Code of 336611 and current RFP has a preponderance (61%) of work, measured by hours, in blue collar labor categories, leading this offeror to believe that Section K (pg 180) is incorrect.

ANSWER: Please see the answer to #2.

57. 52.244-2(j), Subcontracts/SBPCD, Pages 110/207, All subcontracts and teaming agreements submitted with the proposal. Can the Government please confirm that Teaming Agreements are only required for Small Business Subcontractors.

ANSWER: No, subcontracting/teaming agreements must be reported for all Subcontractors.

58. RFP Section L.3.3.1 Small Business Participation Commitment Document refers to an Attachment X for the SBPCD format. Would the government please provide Attachment X?

ANSWER: Please see the answer to #3.

The following have been modified:

NOTES

1. In accordance with Federal Acquisition Regulation (FAR) 15.304(c)(1)(ii), the Naval Surface Warfare Center Philadelphia Division (NSWCPD) proposes to award an Indefinite Delivery, Indefinite Quantity (IDIQ) Multiple Award Contract (MAC) to each and all qualifying Offerors. A qualifying Offeror is defined as a responsible Offeror whose offer/proposal, conforming to the solicitation, is considered to be technically acceptable in accordance with

the evaluation criteria set forth in Section M and the Contracting Officer has no reason to believe would be likely to offer other than fair and reasonable pricing. Price or Cost will not be a factor in award of the IDIQ, however, price or cost will be considered as one of the factors in the selection decision for each task or delivery order under the IDIQ.

2. This Multiple Award Contract (MAC) will expire either when the ordering term expires, or the cumulative total of all Task Orders (TOs) issued to all awardees equals the Government's total program estimate of \$496,122,347.
3. This procurement is being solicited unrestricted, with set-aside decisions to be made at the task order level.
4. The minimum contract award amount will be \$500.00 of Hull, Mechanical, and Electrical Services (HM&E).
5. The Government Furnished Property will be provided at the Task Order level.
6. This is a competitive procurement. If the solicitation should result in a single offer, the Government reserves the right to re-solicit this procurement in order to enhance competition.

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

STATEMENT OF WORK

Statement of Work (SOW) for Hull, Mechanical and Electrical (HM&E) Machinery and Systems Services

1.0 INTRODUCTION

1.0.1 The Naval Surface Warfare Center Philadelphia Division (NSWCPD) is a Department of Defense entity responsible for research and development, test and evaluation, engineering and fleet support organization for the Navy's ships, submarines, military watercraft and unmanned vehicles. This requirement is for NSWCPD Divisions 41, 43, and 45, which are responsible for Auxiliary Machinery Systems, and Hull, Sail, and Machinery Systems, respectively.

1.0.2 This contract is for non-personal services. It does not create employment rights with the U.S. Government whether actual, inherent, or implied

1.0.3 Government/Contractor Relationship

1.0.3.1 The services to be delivered under this Contract are non-personal services and the parties recognize and agree that no employer-employee relationship exists or will exist under the Contract between the Government and the Contractor's personnel. Therefore, it is in the best interest of the Government to provide both parties a full understanding of their respective obligations.

1.0.3.2 The Contractor employees shall identify themselves as Contractor personnel by introducing themselves or being introduced as Contractor personnel and displaying distinguishable badges or other visible identification for meetings with Government personnel. In addition, Contractor personnel shall appropriately identify themselves as Contractor employees in telephone conversations and in formal and informal written correspondence.

1.0.3.3 Contractor personnel under this Contract shall not engage in any of the inherently Governmental functions listed at FAR Subpart 7.5 or DFARS Subpart 207.5.

1.0.4 Employee Relationship:

1.0.4.1 The services to be performed under this Contract do not require the Contractor or its personnel to exercise personal judgment and discretion on behalf of the Government. Rather the Contractor's personnel will act and exercise personal judgment and discretion on behalf of the Contractor.

1.0.4.2 Rules, regulations, directives, and requirements that are issued by the U. S. Navy and NSWCPD under its responsibility for good order, administration, and security are applicable to all personnel who enter a Government installation or who travel on Government transportation. This is not to be construed or interpreted to establish any degree of Government control that is inconsistent with a non-personal services contract.

1.0.4.3 Inapplicability of Employee Benefits: This Contract does not create an employer-employee relationship. Accordingly, entitlements and benefits applicable to such relationships do not apply.

1.0.4.4 It is the Contractor's, as well as the Government's, responsibility to monitor Contract activities and notify the Contracting Officer if the Contractor believes that the intent of this Section has been or may be violated.

1.0.4.4.1 The Contractor shall notify the Contracting Officer in writing via letter or email within three (3) calendar days from the date of any incident that the Contractor considers to constitute a violation of this Section. The notice should include the date, nature, and circumstances of the conduct; the name, function, and activity of each Government employee or Contractor official or employee involved or knowledgeable about such conduct; identify any documents or substance of any oral communication involved in the conduct; and the Contractor's estimated date when, absent a response, cost, schedule or performance will be impacted.

1.0.4.4.2 The Contracting Officer will, within five (5) calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer will either:

- (i) Confirm the conduct is in violation and when necessary direct the mode of further performance,
- (ii) Countermand any communication regarded as a violation,
- (iii) Deny that the conduct constitutes a violation and when necessary direct the mode of further performance, or
- (iv) In the event the notice is inadequate to make a decision, advise the Contractor what additional information is required, and establish the date by which it should be furnished by the Contractor.

1.1 BACKGROUND

Naval Surface Warfare Center, Philadelphia Division (NSWCPD), as the Division's Machinery Engineering Directorate, is the Navy's agent for the coordination and planning of all the engineering and technical support services for Hull, Mechanical and Electrical (HM&E) machinery and systems. To accomplish this mission, NSWCPD utilizes extensive resources to conduct its business to the best advantage of the Navy, Fleet and other Federal Agency maritime assets. The engineering and technical support services are accomplished in all areas where Foreign Military, U.S. Navy, and Military Sealift Command (MSC) ships operate and are homeported. These services are accomplished in whole or in phases that minimize interruption in ship operating schedules while maximizing the capacity of Type Commander and NAVSEA agencies to upgrade and modernize systems.

Examples of the HM&E machinery and systems that are supported by the engineering and technical services described under this SOW are provided below.

AUXILIARY SYSTEMS

- Auxiliary Machinery & Fluid Systems
- Auxiliary Machinery Silencing Systems
- Climate Control & Refrigeration Systems
- Compressed Air & Gas Systems
- Fluid Systems Automation
- Seawater, Chill Water & Combat Support Systems
- Sonar Systems
- Steam Systems
- Submarine Fluid Systems
- Submarine Life Support Systems
- Submarine Sail Systems
- Vertical Launching Systems (VLS)

ELECTRICAL SYSTEMS

- 400 Hertz and DC Electrical Power Systems
- Advanced Electrical Power Systems
- Energy Conversion Systems
- Gas Turbine Electrical Power Systems
- Steam and Diesel Electrical Power Systems

HULL & DECK MACHINERY & HABITABILITY SYSTEMS

Amphibious Assault Systems
 Anchor, Mooring and Towing Systems
 Aviation & Material Handling and Stowage
 Boat and Towed Body Handling & Stowage
 Hull Outfitting & Shipboard Habitability Systems
 Hydraulics and Steering Systems
 Shipboard Cranes
 Underway Replenishment Systems
 Weapons/Cargo Handling and Stowage Systems

PROPULSION SYSTEMS

Diesel Engine Systems
 Power Transmission Systems
 Propulsion Steam Plant Automation Systems
 Surface Combatant Gas Turbines

1.2 SCOPE OF WORK

The Statement of Work establishes the requirement for non-commercial engineering and technical services to include: design, development, build, and testing support; prototype engineering; technology insertion; development and revision of test specifications and technical documentation; performance and data analysis; system safety and fault analysis; system integration; installation support; computer programming and software engineering; software verification and validation; Integrated Logistics Support (ILS) document preparation and system training development; program management and presentation support; and on-site technical support, alteration services, Integrated logistics, system certification support and staging in support of surface fleet, submarine, and shore-based installations in support of HM&E machinery and systems, other Federal Agency vessels, federally contracted vessels and platforms, selected maritime agency vessels, and select land-based sites.

2.0 APPLICABLE DOCUMENTS

- 2.1. ASTM-1166, Human Systems Interface for Marine Systems
- 2.2. NAVSEA S9AA0-AB-GSO-010, General Specification for Overhaul of Surface Navy Ships
- 2.3. NAVSEA 0902-018 2010 Rev B, General Overhaul Specifications for Deep Diving SSBN/SSN Submarines (DDGOS), dated 1-Aug-2018
- 2.4. NAVSEA S9AA0-AA-SPN-010/GEN SPEC, General Specifications for Ships
- 2.5. NAVSEA SL720-AAMAN_010/FMP, Fleet Modernization Program (FMP) Management & Operations Manual, dated 15-Apr-2016
- 2.6. MIL-HDBK-454B, Standard General Guidelines for Electronic Equipment
- 2.7. NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification (Amend 002)
- 2.8. NAVSEA S9300-AW-EDG-010, Electrical Plant Installation Standard Methods
- 2.9. Electrical Workmanship Standards, Portsmouth Naval Shipyard Standard 4855.1 through 4855.6
- 2.10. MIL-DTL-81927C, Manuals, Technical: General Style and Format of Work Package Concept, dated 26 Nov 1997
- 2.11. MIL-STD-38784(1), Standard Practice for Manuals, Technical: General Style and Format, dated 1 Dec 2000
- 2.12. MIL-PRF-87269A, Interactive Electronic Technical Manuals, dated 15 Aug 2000, Data Base, Revisable
- 2.13. MIL-DTL-24784 06, Manuals, Technical: General Acquisition and Development Requirements, dated June 2017
- 2.14. MIL-STD-1689A, Fabrication, Welding and Inspection of Ship Structures (Amend 002)
- 2.15. MIL-STD-0022, Welded Joint Design
- 2.16. MIL-STD-882E, System Safety
- 2.17. MIL-P-24534A (Navy); Planned Maintenance System: Development of Maintenance Requirement Cards, Maintenance Index Pages, and Associated Documentation, dated 7 May 1985
- 2.18. S0005-AA-GYD-030, Guide for User Maintenance of NAVSEA Technical Manuals, dated 30 Sep 1988

- 2.19. S0005-AA-GYD-070, Guide for Quality Assurance of NAVSEA Technical Manuals, dated 01 Feb 1991
- 2.20. OPNAV Instruction 5100.23B, Navy Safety and Occupational Health Manual
- 2.21. NAVSEA T9074-AS-GIB-010/271, Requirements for Nondestructive Testing Methods
- 2.22. AWS B4.0, Standard Methods of Mechanical Testing of Weld
- 2.23. AWS Z49.1, Safety Welding and Cutting
- 2.24. Standards and Interpretations, Occupational Safety and Health Chapters 1915.14, 1915.15 and 1915.16
- 2.25. NAVSEA Technical Publication S9074-AR-GIB-010/278, Requirements for Fabrication Welding
- 2.26. NAVSEA Standard Items
- 2.27. NAVSEA TS9090-310 (Latest Revision) Alterations to Ships Accomplished by Alteration Installation Teams
- 2.28. NAVSEA TS9090-600 Ship Alteration Drawing Preparation
- 2.29. NAVSEA TS9090-400 Ship Change Document
- 2.30. IEEE Std 610.12-1990, Standard Glossary of Software Engineering Terminology (ANSI)
- 2.31. IEEE Std 12207.0-1996, Software Life Cycle Process
- 2.32. IEEE Std 12207.1-1997, Software Life Cycle Process-Life Cycle Data
- 2.33. IEEE Std 12207.2-1997, Software Life Cycle Process-Implementation Considerations
- 2.34. NAVSEA Information Technology Standard Guidance
- 2.35. ASQ/ANSI/ISO 9001:2015, "Quality Management Systems — Requirements"
- 2.36. ISO-9002 Quality Systems - Model for Quality Assurance in Production, Installation and Servicing
- 2.37. COMFLTFORCOMINST 4790.3, Joint Fleet Maintenance Manual at www.submepp.navy.mil/jfmm/index.htm
- 2.38. NIST SP-800-37, Risk Management Framework for IT and Organizations
- 2.39. NIST SP-800-53, Security and Privacy Controls for Federal IS and Org.
- 2.40. DoD 5220.22-M National Industrial Security Program Operating Manual
- 2.41. DoD 8510.01 Risk Management Framework for Information Technology
- 2.42. DoD 8570.01-M Information Assurance Workforce Improvement Program
- 2.43. DoD 8140.01 Cyberspace Workforce Management Requirement
- 2.44. DoD Cyber Exchange Public, DoD Approved 8570 Baseline Certifications, available <https://public.cyber.mil/cwmp/dod-approved-5870-baseline-certifications/>
- 2.45. NAVSEAINST 4720.14E, Temporary Alterations to Fleet Submarines
- 2.46. NAVSEAINST 4350.2D, Contract Work Onboard Nuclear-Powered Ships, dated 5 Jun 2013
- 2.47. NAVSEAINST C9210.4A, Changes, Repairs and Maintenance to Nuclear Powered Ships
- 2.48. NAVSEAINST 4120.8A, NAVSEA Policy for Commonality of Systems, Subsystems, and Components, 22 Sep 2016.

These documents can be referenced at: <https://mercury.tdmis.navy.mil> unless otherwise noted. The Contractor shall reference and utilize the latest version available unless otherwise noted.

Additional reference documents and applicable standards may be listed on individual Task Orders.

3.0 REQUIREMENTS

The specific services to be provided and required deliverables shall be detailed in the individual Task Orders placed against the contract by the Contracting Officer, and shall be within the parameters of one or more of the tasks listed below. To fulfill Task Orders written under this Contract, the Contractor shall:

3.1 Program Management

- 3.1.1 Ensure mission responsive, cost efficient management of the cost, schedule and performance goals and objectives of the contract. Plan and conduct Program Review Meetings in accordance with Task Order requirements. (CDRL A001, A002, A003, A016, A019)
- 3.1.2 Analyze technical goals and facility requirements, and assist the Government in developing proposals to support the research, development, test and evaluation (RDT&E) of HM&E machinery and systems.
- 3.1.3 Prepare technical reports that document engineering efforts. Reports may be informal summary reports, or drafts or final submittals of formal technical reports, as specified by the Government in accordance with CDRL A004.
- 3.1.4 Assist in the review of technical documentation, such as specifications, drawings, and procedures, and provide comments relative to established technical objectives. (CDRL A004, A005, B001)

- 3.1.5** Prepare presentation materials such as view graphs, slide decks and videos, military equipment specifications, equipment acquisition specifications, etc. Provide technical writing and publication support, and related services.

3.2 Engineering and Technical Support Services

3.2.1 Component and System Level Engineering Analysis, Development, and Design

- 3.2.1.1** Provide engineering, testing, and analysis services to evaluate safety, reliability, maintainability, performance, qualification, and availability, and to identify and develop solutions to engineering, design, and maintenance problems. Performance may occur on-site at Government facilities or at Contractor's facilities.
- 3.2.1.2** Provide support for engineering and technical investigations and analyses relating to concepts and designs, focusing on systems engineering, compatibility and operability, and interfaces. Prepare procedures for integration of new installation/alteration projects, including identifying and defining interfaces and relationships between these programs and other DoD systems and subsystems.
- 3.2.1.3** Develop or review test specifications, and monitor testing of HM&E and associated electronic systems. (CDRL A004, A005)
- 3.2.1.4** Provide support to develop drawings, field sketches, test memoranda, installation procedures, and maintenance procedures, as required to accomplish the necessary work. (CDRL A004, B001)
- 3.2.1.5** Provide new, revised or updated documentation reflecting changed configurations. (CDRL A004, A008, B001)
- 3.2.1.6** Conduct systems engineering to include fault analysis, detection, and isolation, casualty control, human engineering factors, and operations sequencing capabilities in the ships detail design. Establish detailed maintainability design criteria to minimize the maintenance man-hours required. Calculate and provide available equipment reliability data, such as Mean Time to Repair (MTTR), Mean Time Between Failures (MTBF) and Maximum Corrective Maintenance Time values.
- 3.2.1.7** Conduct ship assessment engineering visits in support of various material assessment programs. (CDRL A006, A015)

3.2.2 Prototype Engineering

- 3.2.2.1** Provide engineering services to analyze Non-Developmental Item (NDI)/Commercial Off the Shelf (COTS) technology insertion, prototype demonstrations and evaluate integration with existing systems and perform system qualification.
- 3.2.2.2** Develop integrated Operational Evaluations (OPEVALs) and Technical Evaluations (TECHEVALs), planning and necessary ship change documentation (i.e. Ship's Change Documents (SCDs), Ship Alterations (SHIPALTs), Temporary Alterations (TEMPALTs), Ordnance Alterations (ORDALTs), Field Changes, Alterations Equivalent to Repair (AERs), etc.) for system integration and installation.
- 3.2.2.3** Establish performance and design specifications for prototype equipment and testing articles.
- 3.2.2.4** Provide engineering and design services, and analyses, for newly developed or modified COTS systems.
- 3.2.2.5** Test, evaluate and install prototype equipment in accordance with performance specifications and other applicable requirements as specified in Task Orders.
- 3.2.2.6** Develop design drawings for installation of shipboard systems, including prototype systems and equipment. (CDRL B001)
- 3.2.2.7** Design and fabricate models, prototypes and other testing articles to be evaluated in RDT&E efforts.

3.2.3 System Automation

- 3.2.3.1** Provide engineering services to analyze, develop, design, and support automation of system operation and maintenance.

3.2.4 Graphics Support

- 3.2.4.1** Prepare graphic materials, such as Plan of Action and Milestones (POA&Ms) and Variant-tree diagrams, in support of engineering programs. (CDRL A019)

- 3.2.4.2 Develop orientation and presentation materials (i.e., written, viewgraphs, DVDs, Blu-rays, CD-ROM, etc.).
- 3.2.4.3 Develop layouts, charts, graphs, visuals, and other graphics as needed for engineering drawings, documentation, technical manuals (TMs), and training materials.
- 3.2.5 Computer Programming, Software Engineering and Network Support (CDRLs A017, A018, A025)
 - 3.2.5.1 Provide analysis and design of computer software systems.
 - 3.2.5.2 Provide software verification and validation services including software system emulation.
 - 3.2.5.3 Develop software and graphical user interfaces (GUIs). Document and test code in accordance with established NSWCPD policy.
 - 3.2.5.4 Develop simulation techniques, real-time software architectures, and-graphics screen interfaces.
 - 3.2.5.5 Develop software on communications algorithms. (e.g. TCP/IP, UDP).
 - 3.2.5.6 Develop software on Component Object Model (COM) and Active Template Library (ATL) programming.
 - 3.2.5.7 Provide server and workstation setup and administration. Personnel performing under this task must meet all applicable Cybersecurity Workforce (CSWF) requirements and provide proof of current (ongoing) certification.
 - 3.2.5.8 Modify and/or develop computer code in the following languages: C/C++, SQL, Java, CMS2, Ada, Visual Basic and Delphi, and other languages as specified on individual Task Orders. Computer programming languages selected for use in all applications shall require approval by the Navy.
 - 3.2.5.9 Develop and deliver documentation for computer software in accordance with IEEE/EIA 12207 requirements. Tailored requirements will be provided by the Navy. Comments to all source code and any developmental tools shall be provided in a format approved by the Navy.
 - 3.2.5.10 Design, develop, administer, implement, test, modify, and upgrade database maintenance support programs utilizing latest COTS software.
 - 3.2.5.11 Develop and deliver software development plans (CDRL A018) and software products (CDRL A025).
 - 3.2.5.12 Conduct software development testing and configuration management in accordance with IEEE 12207 and other standards as specified on individual Task Orders.
 - 3.2.5.13 Provide network engineering and technical services as required to support alteration installation as directed by individual Task Orders.
- 3.2.6 Human Systems Interface and Engineering Risk/Safety Assessment Support
 - 3.2.6.1 Provide engineering services to identify system hazards or safety concerns to machinery and personnel during technology insertion, prototype demonstrations or designs and integration with existing systems.
 - 3.2.6.2 Provide engineering services to identify Human Systems Interface (HSI) during technology insertion, prototype demonstrations or designs and integration with existing systems.
 - 3.2.6.3 Provide engineering services to analyze and quantify system hazards or safety concerns to machinery and personnel for frequency and impact during technology insertion, prototype demonstrations or designs and integration with existing systems.
 - 3.2.6.4 Provide engineering support for technology insertion, prototype demonstrations or designs and integration with existing systems.
- 3.3 Shipboard, Submarine and Shore-Based Installations
 - 3.3.1 Perform Installation/Repair Planning: Plan and coordinate the use of facilities, equipment, materials and personnel resources necessary to efficiently and effectively accomplish installations and repairs.
 - 3.3.1.1 Designate a Contractor Installation/Repair Team Leader. The Team Leader shall be the Contractor's focal point to the Program Office Alteration Installation/Repair Team (AIT) installation manager.
 - 3.3.1.2 Conduct pre-installation/pre-repair site surveys and ship checks on designated ships (CDRL A006, A015), and develop a detailed installation/repair schedule and POA&M

which details the installation/repairing, testing and checkout phases of the effort (CDRL A019).

3.3.1.3 Review and compare applicable ship change documentation (SCD, ORDALTs, SHIPALTs, MACHALTs, TEMPALTs and AERs) or working plans for each ship class for compliance with existing Installation Control Drawings (ICD) and recommend changes. Include findings and recommendations in the Ship Check Report. (CDRL A006, A015, A020)

3.3.1.4 Ensure that all requirements of the Industrial/Alteration Pre-start Checklist are accomplished prior to the start of the installation/repair. (CDRL A022)

3.3.1.5 Coordinate installation/repair schedule and POA&M with ship's force, Government and other activities as necessary to ensure proper support is available and interference or delays are minimized. (CDRL A019)

3.3.1.6 Prepare and submit the necessary Quality Assurance (QA) documentation prior to the start of the installation or repair (CDRL A024).

3.3.2 Alteration Installations and Repairs

3.3.2.1 Provide the personnel necessary to successfully complete the installation or repair detailed on individual Task Orders.

3.3.2.2 Provide fabrication services for material, structures, cabinets and other components as specified by plans, drawings, schematics or other requirements as specified on individual Task Orders.

3.3.2.3 Provide portable workshops as required to support AIT. Provide the necessary tools, equipment and maintenance for the portable workshop.

3.3.2.4 Remove and relocate the necessary existing equipment per applicable alteration drawings. Dispose or reuse removed equipment as required by the Task Order.

3.3.2.5 Perform the alteration installation/repair in accordance with plans, procedures and drawings developed under Section 3.3.1, and specific guidance defined in individual Task Orders.

3.3.2.6 Rehabilitate affected spaces to original or equivalent condition. This includes:

3.3.2.6.1 Cleaning, preparing, priming and painting new and disturbed surfaces and components to match surrounding areas.

3.3.2.6.2 Replacing all deck coverings and insulation damaged incidental to installation.

3.3.2.6.3 Repairing all damaged lagging and installing new lagging where required.

3.3.2.6.4 Preparing and attaching applicable labels, tags, and nameplates to power panels, piping, data and power cables, and other equipment.

3.3.2.7 Develop and perform procedures for testing and checkout of installed/repairs systems, including system circuit tests, system operability tests and QA tests. (CDRL A004, A005, A022, A026)

3.3.2.8 Provide specific installation/repair status and financial reports as specified in individual Task Orders. (CDRL A001, A016, A021)

3.3.2.9 Provide materials, consumables, and tooling needed to complete the installation or repair as specified on individual Task Orders.

3.3.3 Post-Installation Reporting and Closeout

3.3.3.1 Provide Shipboard Industrial Work Completion Reports in accordance with NAVSEA TS9090-310 (Latest Revision) Alterations to Ships Accomplished by Alteration Installation Teams. (CDRL A021)

3.3.4 Other Installation Requirements

3.3.4.1 Shipboard Industrial Safety: Conduct all installation/repair related activities in compliance with applicable federal, state, local, Naval, ship or industrial facility safety regulations, as applicable.

3.3.4.2 Conformance to Shipboard Routines: Review and ensure conformance to existing shipboard routines regarding cleanliness, personnel conduct, and ship's security and integrity.

- 3.3.4.3** Compliance to Environmental Laws and Regulations: Comply with applicable environmental laws and regulations including federal, state, local, Naval, ship and industrial facility. Submit handling reports and disposal invoices to applicable government authorities when working with hazardous materials or waste.
- 3.3.4.4** Verification of Certifications: Provide verification of certification for welders and pipe fitters and all other applicable trades requiring certification. (CDRL A023). Personnel shall carry a copy of the certification at all times during the alteration. No welder shall be permitted to work, in connection with alteration to vessels, unless they are, at the time of work being performed, qualified to the standards established by the U.S. Coast Guard American Bureau of Shipping or Department of the Navy for the type of welding being performed. No welder shall be permitted to work on production applications of welding other than those for which they have qualified and been approved by the Program Office.
- 3.3.4.5** All non-nuclear work on nuclear ships must be in strict compliance with Naval Sea Systems Command (NAVSEA) Instruction C9210.4A and applicable Task Order instructions.

3.4 Integrated Logistics Support (ILS)

3.4.1 Technical Documentation Support (CDRLs A004, A005, A008)

- 3.4.1.1** Review and evaluate existing technical documentation for systems. Technical documentation includes TMs, Preventative Maintenance Scheduling (PMS) documentation, Engineering Operation Sequencing System (EOSS) documentation, Combat Systems Operational Sequencing System (CSOSS) documentation, provisioning documents, and drawings.
- 3.4.1.2** Provide support for updating of technical documentation as a result of changes to equipment design and logistics support.
- 3.4.1.3** Develop the necessary documentation to support technology insertion of NDI/COTS.
- 3.4.1.4** Provide Provisioning Technical Data (PTD) for all materiel being newly introduced to systems.
- 3.4.1.5** Provide logistics support information, including diagrams, PMS, Integrated Logistics, and overhaul specifications for designated systems, and support for compiling data gathered into standard reports.
- 3.4.1.6** Provide the necessary administrative and logistics support on installation sites for the Contractor and Government personnel, which may include the need to provide materials, or coordinate special installation requirements, as specified in individual Task Orders.

3.4.2 Staging and Materials Handling Support (CDRLs A012, A013, A014)

- 3.4.2.1** Stage and store Government-furnished material designated as Industrial Activity Furnished (IAF) as indicated on installation material lists. Provide warehousing and inventory management for material used for NSWCPD technical assistance programs.
- 3.4.2.2** Provide temporary storage, as required, for Government Furnished Material (GFM) as identified by the applicable installation documentation, which will be furnished as GFI in accordance with individual Task Orders.
- 3.4.2.3** Order/purchase or manufacture, stage, store until used, package and transfer all material designated as Contractor Furnished Material (CFM). This includes, at a minimum, the types of installation and consumable materials and special equipment rentals/services necessary to perform the tasks detailed in Section 3.3.
- 3.4.2.4** Provide support for transportation of material between the Government storage facility and Contractor's storage facility. This includes rental of transportation vehicles, heavy lift equipment, and forklifts as necessary.
- 3.4.2.5** On Task Orders with specific Level 1 requirements, the Contractor shall meet the following material handling requirements:
 - 3.4.2.5.1** The Contractor is responsible for removal, custody/storage, reinstallation, and documentation of all Level I work incidental to the Task Order. The Contractor shall have process(es) for removal, custody/storage, reinstallation, and documentation of all controlled work in support of work awarded under a Task Order. NSWCPD reserves

the right to conduct audits of process(es). Material handling procedures shall provide methods for controlling Level I material from receipt through installation.

- 3.4.2.5.2** Level I material that is awaiting or undergoing receipt inspection, or is in storage, shall be physically segregated from non-Level I material as soon as practical to prevent commingling and unauthorized use. Segregation may be accomplished by use of separate cages, racks, bins, shelves, boxes or roped-off areas. Storage areas for Level I material shall be distinctly identified and marked. Segregation shall be maintained until the material is installed aboard ship or identified to a specific end-use.
- 3.4.2.5.3** Material control tags shall be used to positively identify Level I material in transit to avoid unauthorized movement, commingling and improper use.
- 3.4.2.5.4** Level I material may be issued for non-Level applications without segregation or removal of MIC markings provided the material is identified to its end use application.
- 3.4.2.5.5** Staging of Level I material with other material is acceptable for a specific job or fabrication process, provided the Level I material is clearly marked as required and the material for the specific job or fabrication process is grouped together, identified by the job or process number, and segregated from material grouped for other processes or jobs.
- 3.4.2.5.6** When material is being worked/installed or being stored temporarily pending work, adequate segregation between specific generic material types and from non-Level I material, as well as adequate physical controls, shall be instituted to prevent accidental material handling or placement.
- 3.4.2.5.7** Level I materials of different material types, grades or condition shall be segregated through physical separation unless readily differentiated by other attributes, such as size or physical appearance (i.e., material that is not subject to mix-up).
- 3.4.2.5.8** When physical segregation cannot be practically accomplished, an alternate positive system of control shall be used. The method used shall ensure that different materials that appear to be similar are not commingled (unless such materials are approved alternates for each other as indicated by stock or part number).
- 3.4.2.5.9** If applicable, upon successful receipt inspection verification and application of appropriate Level I acceptance marking, the segregation and physical control requirements of paragraphs **3.4.2.5.6** and **3.4.2.5.7** above do not apply to assemblies and finished components which are not subject to misidentification or mishandling.

3.4.3 General Training Support (CDRL A004, A007)

- 3.4.3.1** Provide support and evaluate/audit the training conducted by the Navy's training agencies. This includes providing personnel to assist in conducting systematic audits of training activities, equipment at training locations, and training documentation in support of maintenance feedbacks with training inputs and review of training identification systems.
- 3.4.3.2** Provide support for reviewing and updating training materials as required as a result of changes to equipment design and logistic support.
- 3.4.3.3** Review technical content of training materials, and report findings and identified errors and inconsistencies with suggestions for corrections and improvements.
- 3.4.3.4** Develop training course material to conduct onboard training of ship's Intermediate Maintenance Activity (IMA) and ship's force personnel in the operation, maintenance and repairs of equipment and systems.
- 3.4.3.5** Conduct onboard IMA-level training as required to support affected systems.

3.5 Surveys, Assessments and Qualifications

- 3.5.1** Perform surveys and assessments for in-service HM&E machinery and systems. Survey and assessment efforts include the requirements listed below, and will be supplemented with specific details contained in individual Task Orders:
 - 3.5.1.1** The Contractor shall support performance surveys that will: determine whether all systems are operable, calibrated, and capable of supporting the steam and auxiliary systems; ascertain deficiencies; and determine essential needs.
 - 3.5.1.2** Conduct HM&E machinery and systems inspection and operability tests, when required, and document discrepancies found (CDRL A006, A015, A020). Such

inspections may be performed for the US Navy Board of Inspection and Survey (INSURV) or other Fleet inspection programs.

3.5.1.3 Screen identified deficiencies and provide recommendations and comments. (CDRL A004, A006, A015, A020.)

3.5.1.4 Conduct technical data review, Coordinated Shipboard Allowance List (COSAL) and Technical Manual Survey to determine deficiencies and requirements, and document all findings. Conduct review of Preventive Maintenance System (PMS), ship's Organizational Materials Maintenance System (OMMS) database and technical manuals to ensure logistic and configuration support is correct. Take necessary actions to correct deficiencies when instructed by NSCWPD.

3.5.1.5 Determine the capability of Ship's Force to maintain and operate the HM&E machinery and systems, and provide familiarization training of ship's personnel in the maintenance and operations of these systems in accordance with section 3.4.3 above and Task Order requirements.

3.5.1.6 Provide Combat Systems Ship Qualification Trial (CSSQT) support in accordance with Task Order requirements.

3.5.1.7 Provide Combat Support Systems Repair and Training (CSSRT) support in accordance with Task Order requirements.

3.5.1.8 Provide Combat Systems Readiness Reviews (CSRR) support in accordance with Task Order requirements.

3.5.1.9 Conduct MK-41 Vertical Launching System (VLS) certifications on the following subsystems: Missile Magazine Sprinkler System; Missile Magazine Deluge System; Main and Housekeeping Educator System and High Pressure/Low Pressure Air Charging systems and VLS ventilation and blow out systems.

3.5.1.10 Conduct MK-57 Peripheral Vertical Launching System (PVLS) certifications on the following subsystems: Missile Magazine Ventilation and Blowout system, Magazine Sprinkling/Internal Canister Cooling and the PVL drainage system.

3.5.1.11 Perform inspections and repair on both 60 Hz and 400 Hz Electrical Power Distribution Systems that support Combat Support Systems.

3.5.1.12 Conduct Firemain and Auxiliary Seawater Systems inspections and repair for all Combat Support Systems as required.

3.5.2 Sonar Pressurization System Programs

3.5.2.1 Ensure inspection teams visit assigned classes of Navy ships for the purpose of conducting Pre-SPOT (Sonar Dome Pressurization Overhaul and Training) surveys on Sonar Dome Pressurization Systems to determine whether these systems are operational, calibrated, and capable of supporting the Sonar Systems. Document any deficiencies in hardware, software, personnel and training and determine essential needs.

3.5.2.2 Screen any deficiencies based on Pre-Sonar Pressurization Operation Test (SPOT) surveys, and provide a report with recommendations for repairs.

3.5.2.3 Provide waterfront Sonar Pressurization System support as specified on individual Task Orders.

3.5.2.4 Determine capability of ship's force personnel to maintain and operate the Sonar Dome Pressurization System. Provide classroom and On-the-Job Training (OJT) to shipboard and IMA personnel in the maintenance, repair, overhaul, calibration, alignment, and operation of these systems.

3.5.2.5 Overhaul and hydrostatically test valves so that ship's force may be trained in troubleshooting and maintenance of the internal parts of the valves.

3.5.2.6 Provide QA support and installation tracking of components.

3.5.3 Weapons Handling and Stowage systems

3.5.3.1 Provide shipboard assessment expertise to assess and evaluate non- MIL Standard or modified MIL Standard weapons handling and towage Systems; system engineering data and on site assessment is used to provide recommendation for qualification of systems for unrestricted movement of ordnance.

- 3.5.3.2** Provide waterfront support for Foreign Military Sales (FMS) ships for various systems via ship checks.
- 3.5.3.3** Overhaul and hydrostatically test valves so that ship's force may be trained in troubleshooting and maintenance of the internal parts of the valves.
- 3.5.3.4** Provide QA support and installation tracking of components.

3.6 Quality Assurance

- 3.6.1** Ensure Quality Assurance Inspections and Tests are accomplished in accordance with approved drawings and applicable Government and commercial standards and specifications.

- 3.6.2** On Task Orders with specific Level 1 requirements, the Contractor shall meet the following requirements:

3.6.2.1 Installation

At the time of or subsequent to installation of a piece of Level I material into a system, subassembly, or aboard ship, the permanent material designator markings, material type for fasteners, or grade/type for consumable material inscribed on the piece of material shall be visually verified to be correct in accordance with the generic material requirements of the applicable drawing and/or NAVSEA approved nonconformances and Engineering Changes. Disassembly of assembled components for this verification is not required or intended. The acceptance marking shall remain on each piece of material after installation, except Material Identification Control (MIC) markings subsequently covered over or obliterated (e.g., painted over, welded) need not be reapplied. Assemblies and subassemblies must be clearly identified to ensure that they are installed in their proper place in the ship.

3.6.2.1 Installed Material

For previously installed material in a Level I system which is removed and is to be reinstalled, cannibalized material, or material transferred from a rotatable pool, positive control and identification of the material shall be maintained from removal through reinstallation. The material shall be visually verified at the time of, or subsequent to, reinstallation to ensure that it is reinstalled in the correct location. For material to be reinstalled in the same ship and location, it is not required to verify or record as received markings found on material. However, if the material is obviously damaged or is identifiable as a generic material not compatible with the system application, disposition instructions for replacement or reinstallation shall be obtained by the Technical Point of Contact (TPOC) specified in the Task Order.

3.6.2.1 Installation Records

- 3.6.2.1.1** TS9090-310 (Latest Revision) Section 3.5.2 requires installations impacting Level I Systems to document critical work processes as follows:

Records shall identify the end use of Level 1 material on the ship and the MIC marking or Serial number on the piece being installed. Records required by processes for welding, brazing, mechanical joint assembly, documentation of work, and test and inspection documentation are acceptable Level I material installation records. When such documentation requirements do not exist, the vendor shall create an installation record at the time of installation of Level I material into a subassembly or aboard ship, which indicates the location of the piece on the ship and the permanent Level I MIC marking or Serial number on the piece. For fasteners, record the MIC mark or if not MIC marked, record the fastener color and markings. Work records containing MIC shall be provided in Section 7 of the QAWB (CDRL A024).

3.6.2.1.2 Installed Material Recording MIC markings or Serial numbers on installation records must be recorded prior to performance of any fabrication step that will result in loss of those markings. For Level I material not marked with a MIC/acceptance marking, the serial number marked on the piece and identified on the RFI tag, when attached, shall be documented on the installation record. There may be additional assigned numbers on the RFI tag which need not be recorded at installation. For consumable material, the material grade or type and the MIC number shall be recorded. These records shall be provided in Section 7 of the QAWB (CDRL A024).

- 3.6.3** The Contractor shall not procure Level 1 materials via this Contract or its subsequent Task Orders.

3.7 Commonality of Systems, Subsystems, and Components

- 3.7.1** In line with C-211-H019 Commonality and Standardization (NAVSEA), contractors are directed to develop and implement a Commonality and Standardization Plan. When selecting

equipment/components, the Contractor shall utilize NAVSEA Enterprise Commonality Virtual Shelf (VS) (<https://www.pdrep.csd.disa.mil/default.htm>) before other tools. (CDRL A027)

- 3.7.2** Inquiries regarding issues with account creation or level of access on the Virtual Shelf should be sent via e-mail to commonality_program@navy.mil with the contract number, and the COR and PCO name, email address and phone number.

3.8 Manufacturing Phase-Out or Discontinuation of Production, Diminishing Sources, and Obsolete Materials or Components

- 3.8.1** The Contractor shall notify the Contracting Officer immediately upon determining the unavailability of obsolete materials or components. The Contractor may recommend a solution to include the impact on the contract price and delivery. The Contractor shall not initiate any item redesign or incur any additional costs without the express, written authorization of the Contracting Officer. CDRL A009

4.0 DATA REQUIREMENTS

4.1 Contract Status Report (CDRL A001)

- 4.1.1** This report shall reflect both prime and Subcontractor data if applicable at the same level of detail.
- 4.1.2** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable the Government's approval must be received in writing from the COR within 5 business days before formal submission.

4.2 Travel/Trip Report (Trip Status Report) (CDRL A002)

- 4.2.1** This report shall reflect both prime and subcontractor data if applicable at the same level of detail.
- 4.2.2** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.3 Contractor's Personnel Roster (On-Site Contractor Personnel)(CDRL A003)

- 4.3.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.
- 4.3.2** This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.4 Technical Reports – Study/Services (Technical Reports)(CDRL A004)

- 4.4.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.5 Test Procedures (CDRL A005)

- 4.5.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.6 Condition Found Report (CFR)(CDRL A006)

- 4.6.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.7 Training Materials (CDRL A007)

- 4.7.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.8 Revisions to Existing Government Documents (Technical Manuals (TMs) (CDRL A008)

- 4.8.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.9 Obsolescence Alert Notice (CDRL A009)

- 4.9.1** The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.10 Small Business Utilization Report (CDRL A010)

4.10.1 This report shall reflect both prime and Subcontractor data if applicable at the same level of detail.

4.10.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.11 Contractor's System Security Plan and Associated Plans of Action to Implement NIST SP 800-171 on a Contractor's Internal Unclassified Information System (Systems Security Plan) (CDRL A011)

4.11.1 This report shall reflect both prime and Subcontractor data if applicable at the same level of detail.

4.11.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.12 Government Furnished Material (GFM) by National Stock Number (Reporting of Government Inventory Held under Product Support Contractual Arrangements) (CDRL A012)

4.12.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.12.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.13 Government Property (GP) Inventory Report (Government Property Inventory Monthly Report) (CDRL A013)

4.13.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.13.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.14 Government Property (GP) Inventory Report (Government Property Inventory Final Report) (CDRL A014)

4.14.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.14.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.15 Technical Assist Visit Report (CDRL A015)

4.15.1 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.16 Contractor Spend and Expenditures Plan (Financial Expenditure Report) (CDRL A016)

4.16.1 The CDRL shall be delivered electronically, unless otherwise stated, and Government's approval is required from the COR.

4.17 Cyber Security Workforce (CSWF) Report (CSWF Baseline Certifications) (CDRL A017)

4.17.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.17.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.18 Software Development Plan (SDP) CDRL (A018)

4.18.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.18.2 The CDRL shall be delivered electronically, unless otherwise stated, and while Contractor's format is acceptable, Government's approval is required from the COR.

4.19 Integrated Production Schedule (IPS) Report (Gantt Chart Plan of Action & Milestones (POA&M)) (CDRL A019)

4.19.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.20 Government Furnished Equipment Repair Status Report (Ship Check Report) (CDRL A020)

4.20.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.21 Preparation of Final Inspection Record (Work Completion Report) (CDRL A021)

4.21.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.22 Installation Engineering Plan (Pre-Start Checklist and Parts Tracking List) (CDRL A022)

4.22.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.23 Certification/Data Report (Equipment and Personnel Certifications) (CDRL A023)

4.23.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.24 Alteration Installation Team Quality Assurance Workbook (Quality Assurance Workbook (QAWB)) (CDRL A024)

4.24.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.25 Computer Software Product (CDRL A025)

4.25.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.26 Acceptance Inspection Equipment Report (Equipment Acceptance) (CDRL A026)

4.26.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.27 Virtual Shelf Commonality Report (CDRL A027)

4.27.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

4.28 Technical Data Package (TDP) (Technical Documentation) (CDRL B001)

4.28.1 This report shall reflect both prime and subcontractor data if applicable at the same level of detail.

5.0 SECURITY REQUIREMENTS

5.1 SECURITY TRAINING. The Contractor is responsible for completing all required Government mandated training to maintain security and network access to government sites and IT systems to include: Antiterrorism Level 1 Awareness; Records Management in the DON: Everyone's Responsibility; Training and Readiness: The Active Shooter; NAVSEA Introduction to Controlled Unclassified Information; Operations Security (OPSEC); NAVSEA Counterintelligence Training; Privacy and Personally Identifiable Information (PII) Awareness Training; NAVSEA Physical Security training and Cybersecurity 101 Training. Certificates of successful completion shall be sent to the COR and as otherwise specified in the contract.

5.1.1 In accordance with the NISPOM DoD 5220.22M, Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site require an open investigation or favorable adjudicated Tier 3 by the Vetting Risk Operations Center (VROC). An interim clearance is granted by VROC and recorded in the Joint Personnel Adjudication System (JPAS). An open or closed investigation with a favorable adjudication is required prior to issuance of a badge providing access to NSWCPD buildings. Furthermore, if the Navy Central Adjudication Facility, have made an unfavorable determination access will be denied. For Common Access Card (CAC) you must have an open investigation and or favorable adjudicated investigation. Interim security clearance are acceptable for a CAC. Access will be denied for anyone that has eligibility pending in JPAS. Vetting through the National Crime Information Center, Sex Offender Registry, and the Terrorist screening database shall be process for a contractor that does not have a favorable adjudicated investigation.

5.1.2 Within 30 days after contract award, the contractor shall submit a list of all contractor personnel, including subcontractor employees, who will have access to DON information systems and/or work on-site at one of the NSWCPD sites to the appointed Contracting Officer Representative (COR) via email. The contractor shall provide each employee's first name, last name, contract number, the NSWCPD technical code, work location, whether or not the employee has a CAC and or Standard Access Control Badge (SACB), the systems the employee can access (i.e., NMCI, RDT&E), and the name of the Contractor's local point of contact, phone number and email address. Throughout the period of performance of the contract, the Contractor shall immediately provide any updated information to the COR when any Contractor personnel changes occur including substitutions or departures.

5.2 ON SITE WORK. Contractor personnel that require a badge to work on-site at one of the NSWCPD sites must provide an I-9 form to verify proof of citizenship. The I-9 form should be signed by the company Facility Security Officer or the company Human Resource Department. In addition to the I-9 form, Contractors shall also bring their birth certificate, current United States Passport or naturalization certificate and state issued ID to the NSWCPD

Security Officer at the time of badge request to verify citizenship. Any contractor that has unfavorable information that has not been favorably adjudicated, by Department of Defense Central Adjudication Facility (DOD CAF) will not be issued a badge. Finally, contractors shall supply a copy of their OPSEC Training Certificate or other proof that the training has been completed.

5.2.1 In accordance with NSWCPD security protocol, contractor employees who hold dual citizenship will not be granted security clearance to our facilities.

5.3 This effort may require access to classified information up to the SECRET level. No classified data will be generated or stored by the Contractor. The Contractor is required to have and maintain a SECRET clearance. The requirements of the attached DD Form 254 apply.

5.3.1 The contractor is required to maintain a Facility Security Clearance (FCL) in accordance with the DD254 to perform certain work under the contract. Although it is not required at time of award, it shall be obtained within 250 days after award. Otherwise the government will have no obligation to continue ordering work under the contract and may not exercise any of the available options.

5.3.2 The Contractor shall appoint a Facility Security Officer (FSO), who shall (1) be responsible for all security aspects of the work performed under this contract, (2) assure compliance with the National Industrial Security Program Operating Manual (NISPOM) (DOD 5220.22-M), and (3) assure compliance with any written instructions from the NSWCPD, Security Office.

5.3.3 The contractor shall forward signed copies of DD254s provided to subcontractors to the Naval Surface Warfare Center Philadelphia Division (NSWCPD), ATTN: Security.

5.3.4 The contractor shall direct the subcontractor to obtain approval, through the prime Contractor, for the public release of information received or generated by the sub through the prime Contractor.

5.3.5 The contractor shall submit the subcontractor request for public release through the technical point of contact identified on the DD 254.

5.4 OPERATIONS SECURITY (OPSEC)

5.4.1 The Contractor shall protect critical information associated with this contract to prevent unauthorized disclosure. The NSWC Philadelphia Division's (NSWCPD) Critical Information List (CIL)/CHIL (Critical Indicators and information list) will be provided on site, if warranted. Performance under this contract requires the contractor to adhere to OPSEC requirements. The Contractor may not impose OPSEC requirements on its subcontractors unless NSWCPD approves the OPSEC requirements. During the period of this contract, the Contractor may be exposed to, use, or produce, NSWCPD Critical Information (CI) and/or observables and indicators which may lead to discovery of CI. NSWCPD's CI will not be distributed to unauthorized third parties, including foreign governments, or companies under Foreign Ownership, Control, or Influence (FOCI).

5.4.2 CUI correspondence transmitted internally on the contractor's unclassified networks or information systems, and externally, shall be protected per NIST SP-800-171, Protecting Controlled Unclassified Information (CUI) in Non-federal Systems and Organizations.

Assembled large components/systems being transported to and from testing areas, other production or government facilities (whether or not on public roadways) shall be in an enclosed van trailer or covered flatbed trailer. Component/System outside storage, staging, and test areas shall be shielded/obscured from public view wherever physically possible.

5.4.3 NSWCPD's CI shall not be publicized in corporate wide newsletters, trade magazines, displays, intranet pages or public facing websites. Media requests related to this project shall be directed to the PCO, and the COR who will forward the required to the NSWCPD Public Release Authority for review.

5.4.4 Any attempt by unauthorized third parties to solicit, obtain, photograph, or record, or; incidents of loss/compromise of government Classified or CI, Business Sensitive, Company Proprietary information related to this or other program must be immediately reported to the contractor's Facility Security Officer and Cognizant Security Office and/or the Naval Criminal Investigative Service, and the NSWC PD Security Division (Code 105). Questions concerning these requirements shall be directed to the PCO, and the COR who will forward the request to the NSWC PD Security Division (Code 105).

5.5 RECEIPT, STORAGE, AND GENERATION OF CONTROLLED UNCLASSIFIED INFORMATION (CUI) All Controlled Unclassified Information (CUI) associated with this contract must follow the minimum marking requirements of DoDI 5200.48, Section 3, paragraph 3.4.a, and include the acronym "CUI" in the banner and footer of the document. In accordance with DoDI 5200.48, CUI must be safeguarded to prevent Unauthorized Disclosure (UD). CUI export controlled technical information or other scientific, technical, and engineering information must be marked with an export control warning as directed in DoDI 5230.24, DoDD 5230.25, and Part 250 of Title 32, CFR. Nonfederal information systems storing and processing CUI shall be protected per NIST SP-800-171, or subsequent revisions. All transmissions to personal email accounts (AOL, Yahoo, Hotmail, Comcast, etc.) and posting on social media websites (Facebook, Instagram, Twitter, LinkedIn, etc.) are prohibited. Destroy CUI associated with this contract by any of the following approved methods: A cross-cut shredder; a certified commercial destruction vendor; a central destruction facility; incineration; chemical decomposition; pulverizing, disintegration; or methods approved for classified destruction.

5.6 PLANNING, PROGRAMMING, BUDGETING AND EXECUTION (PPBE) DATA.

When contractor employees, in the performance of their duties, are exposed to Planning, Programming, Budgeting and Execution (PPBE) data, a Non-Disclosure Agreement (NDA) with all affected contractor personnel must be executed in coordination with the COR and PCO to ensure safeguarding disclosure of this data.

5.7 U-NNPI SECURITY REQUIREMENTS

5.7.1 Security Classification Guidance is as follows of portions of the tasking on this contract when invoked in the task order statement of work:

5.7.1.1 Contractor requires access to information and equipment classified at the SECRET National Security Information (NSI) level in order to provide industrial support services within facilities that actively supports the Navy Nuclear Propulsion Program (NNPP).

5.7.1.2 All contractor personnel accessing classified information or classified material associated with the performance of work related to the resultant contract must be United States citizens, and shall have and maintain at a minimum SECRET security clearance.

5.7.1.3 The Contractor is responsible for completing all required government mandated training to maintain security and network access to government sites and IT systems, as necessary to support.

5.8 U-NNPI

5.8.1 Purpose The Contractor hereby agrees that when provided documents (specifications, drawings, etc.) that are marked as containing NOFORN sensitive information that must be controlled pursuant to Federal law, the information contained therein and generated as part of the inquiry shall be used only for the purpose stated in the contract and shall in no case be transmitted outside the company (unless such transmittals comply with the detailed guidance of the contract) or to any foreign national within the company. While in use, the documents shall be protected from unauthorized observation and shall be kept secure so as to preclude access by anyone not having a legitimate need to view them. The documents shall not be copied unless done in conformance with the detailed guidance of the contract. All the documents shall be promptly returned in their entirety, unless authorized for proper disposal or retention, following completion of the contract.

5.8.2 Specific Requirements for Protecting U-NNPI

- a) Only U.S. citizens who have a need to know required to execute the contract shall be allowed access to U-NNPI.
- b) When not in direct control of an authorized individual, U-NNPI must be secured in a locked container (e.g., file cabinet, desk, safe). Access to the container must be such that only authorized persons can access it, and compromise of the container would be obvious at sight. Containers should have no labels that indicate the contents. If removed from the site, U-NNPI must remain in the personal possession of the individual. At no time should U-NNPI be left unsecured (e.g., in a home or automobile, or unattended in a motel room or sent with baggage).
- c) U-NNPI documents will have the word NOFORN at the top and bottom of each page. The cover sheet will have the warning statement shown below. Documents originated in the course of work that reproduce, expand or modify marked information shall be marked and controlled in the same way as the original. Media such as video tapes, disks, etc., must be marked and controlled similar to the markings on the original information.
- d) U-NNPI may not be processed on networked computers with outside access unless approved by CNO (N00N). If desired, the company may submit a proposal for processing NNPI on company computer systems. Personally owned computing systems, such as personal computers, laptops, personal digital assistants, and other portable

electronic devices are not authorized for processing NNPI. Exceptions require the specific approval of the cognizant DAA and CNO (N00N).

- e) U-NNPI may be faxed within the continental United States and Hawaii provided there is an authorized individual waiting to receive the document and properly control it. U-NNPI may not be faxed to facilities outside the continental United States, including military installations, unless encrypted by means approved by CNO (N00N).
- f) U-NNPI may be sent within the continental United States and Hawaii via first class mail in a single opaque envelope that has no markings indicating the nature of the contents.
- g) Documents containing U-NNPI shall be disposed of as classified material.
- h) Report any attempts to elicit U-NNPI by unauthorized persons to the appropriate security personnel.
- i) Report any compromises of U-NNPI to the appropriate security personnel. This includes intentional or unintentional public release via such methods as theft, improper disposal (e.g., material not shredded, disks lost), placement on Web site, transmission via email, or violation of the information system containing U-NNPI.
- j) The only approved storage for U-NNPI is CDMS NOFORN.

6.0 PLACE OF PERFORMANCE

6.1 Performance under this Contract will require work aboard military vessels at various locations, including, private shipyards, Naval shipyards and military establishments both in the continental United States and overseas, and will also require work to be performed at the Contractor facility. The place(s) of performance shall be specified on individual Task Orders.

6.1.1 Performance will occur at the following government sites: to be specified on individual Task Orders.

6.1.2 Government-furnished equipment or office space, if applicable, will be specified on individual Task Orders.

6.1.3 The specific location(s) will be provided at time of award of the Contract. The Contractor shall provide a list of employees who require access to these areas, including standard security clearance information for each person, to the Contracting Officer Representative (COR) no later than three business days after the date of award. The work space provided to the Contractor personnel shall be identified by the Awardee, with appropriate signage listing the company name and individual Contractor employee name.

6.1.4 Access to Government buildings at Naval Surface Warfare Center Philadelphia Division is from 0600 to 1800 Monday through Friday, except Federal holidays. Normal work hours are from 0600 to 1800, Monday through Friday. Contractor employees shall be under Government oversight at all times. Government oversight requires that a Government employee be present in the same building/facility whenever Contractor employee(s) are performing work under this Contract. Contractor personnel are not allowed to access any Government buildings at NSWCPD outside the hours of 0600 to 1800 without the express approval of the Procuring Contracting Officer (PCO).

6.1.5 Due to COVID-19, Contractors are encouraged to evaluate and establish performance of its contract at alternate work locations such as the expanded use of teleworking when feasible to successfully perform the contract requirements. This is in effect until there is resolution of the pandemic or as directed by the Contracting Officer.

6.1.6 Early Dismissal and Closure of Government Facilities

6.1.6.1 When a Government facility is closed and/or early dismissal of Federal employees is directed due to severe weather, security threat, or a facility related problem that prevents personnel from working, onsite Contractor personnel regularly assigned to work at that facility should follow the same reporting and/or departure directions given to Government personnel. The Contractor shall not direct charge to the contract for time off, but shall follow its own company policies regarding leave. Non-essential Contractor personnel, who are not required to remain at or report to the facility, shall follow their parent company policy regarding whether they should go/stay home or report to another company facility. Subsequent to an early dismissal and during periods of inclement weather, onsite Contractors should monitor radio and television announcements before departing for work to determine if the facility is closed or operating on a delayed arrival basis.

6.1.6.2 When Federal employees are excused from work due to a holiday or a special event (that is unrelated to severe weather, a security threat, or a facility related problem), on site Contractors will continue working established work hours or take leave in accordance with parent company policy. Those Contractors who take leave shall not direct charge the non-working hours to the Contract. Contractors are responsible for predetermining and disclosing their charging practices for early dismissal, delayed openings, and closings in accordance with the FAR, applicable cost accounting standards, and company policy. Contractors shall follow their disclosed charging practices during the Contract period of performance, and shall not follow any verbal directions to the contrary. The PCO will make the determination of cost allowability for time lost due to facility closure in accordance with FAR, applicable Cost Accounting Standards, and the Contractor's established accounting policy.

6.1.7 The contractor shall ensure that each contractor employee who will be resident at NSWCPD completes the Environmental Management System (EMS) Awareness training within 30 days of commencing performance at NSWCPD. This document is available at: <https://navsea.navy.deps.mil/wc/pnbc-code10/Safety/default.aspx>

6.1.8 In accordance with C-223-W002, ON-SITE SAFETY REQUIREMENTS (NAVSEA), the contractor shall certify by e-mail to Paul Breeden (paul.breeden@navy.mil) that on-site employees have read the “Philadelphia Division Environmental Policy and Commitment” and taken the EMS Awareness training within 30 days of commencing performance at NSWCPD. The e-mail shall include the employee name, work site, and contract number.

7.0 TRAVEL

7.1 The Contractor may be required to travel from the primary performance location when supporting this requirement. The travel locations, and estimated number of trips, will be defined in individual Task Orders.

7.2 The number of times the Contractor may be required to travel to each location may vary as program requirements dictate, provided that the total estimated travel cost is not exceeded. The numbers of trips and types of personnel traveling shall be limited to the minimum required to accomplish work requirements. All travel shall be approved before travel occurs. Approval may be via email by the Contracting Officer (PCO) or the fully executed Technical Instruction (TI) signed by the Contracting Officer.

7.2.1 In accordance with the TI instructions, before initiating any travel the Contractor(s) shall submit a detailed and fully-burdened estimate that includes the number of employees traveling, their expected travel costs for airfare, lodging, per diem, rental car, taxi/mileage and any other costs or actions requiring approval. The travel estimate shall be submitted to the Contracting Officer's Representative (COR) and Contract Specialist. Actuals cost, resulting from the performance of travel requirements, shall be reported as part of the Contractor's monthly status report. The reportable cost shall also be traceable to the Contractor's invoice.

7.3 All travel shall be conducted in accordance with FAR 31.205-46, Travel Costs, and B-231-H001 Travel Cost (NAVSEA) and shall be pre-approved by the COR (CDRL A002).

7.4 Travel Costs

7.4.1 The current “maximum per diem” rates are set forth in the (i) Federal Travel Regulations for travel in the Continental United States; (ii) Joint Travel Regulations for Overseas Non-Foreign areas (e.g., Alaska, Hawaii, Guam, Puerto Rico, etc.); and (ii) Department of State (DOS) prescribed rates for foreign overseas locations.

7.5 OCONUS Contractor Personnel Travel During COVID-19

In consideration of personnel movement during the COVID-19 pandemic, Force Health Protection (FHP) guidance has been issued for contractor personnel who travel OCONUS for deployment and for conducting official travel OCONUS as well. Entry requirements are communicated to traveling personnel, including contractor personnel, through the Electronic Foreign Clearance Guide (EFCG). Contractor personnel must adhere to current country entry requirements of the respective geographic combatant command (GCC) (which may include screening, ROM, and testing) and all applicable host nation procedures. All contracts including performance outside the United States require DoD contractor personnel to complete a risk assessment of health status.

8.0 GOVERNMENT FURNISHED PROPERTY

8.1 Any required Government Furnished Property (GFP) will be outlined in an individual Task Order.

9.0 GOVERNMENT FURNISHED INFORMATION

9.1 Any required Government Furnished Information (GFI) will be outlined in an individual Task Order.

10.0 PURCHASES

10.1 Only items directly used and incidental to the services for this Contract and for work within the scope of the Statement of Work, shall be purchased under the Other Direct Cost (ODC) line items. Purchases of an individual item that is valued above \$25,000 (per Unit/Kit) shall be approved by the Contracting Officer prior to purchase by the Contractor. The purchase request and supporting documentation shall be submitted via email to the Contracting Officer and the Contracting Officer's Representative (COR) it shall be itemized and contain the cost or price analysis performed by the Contractor to determine the reasonableness of the pricing.

10.2 Information Technology (IT) equipment, or services must be approved by the proper approval authority. All IT requirements, regardless of dollar amount, submitted under this Contract shall be submitted to the PCO for review and approval prior to purchase. The definition of information technology is identical to that of the Clinger-Cohen Act, that is, any equipment or interconnected system or subsystem of equipment that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. Information technology includes computers, ancillary equipment, software, firmware and similar procedures, services (including support services), and related resources.

11.0 COUNTERFEIT MATERIAL PREVENTION

11.1 Electronic End-Items

The Contractor planning shall document procedures and processes to minimize the risk of procuring and/or using counterfeit parts and materials, and their process for detecting counterfeit materiel in the event it is procured. This requirement applies to both new/modified and existing mission and safety critical hardware. SAE AS5553 contains information regarding the detection, avoidance, and mitigation of counterfeit electronic components, and may be used as a reference document for the development of the plan.

11.2 Non-Electronic Materials

11.2.1 Department of the Navy contractors (and their subcontractors at all tiers) who obtain critical or high risk materiel shall implement a risk mitigation process as follows:

11.2.1.1 If the materiel is currently in production or currently available, materiel shall be obtained only from authorized suppliers

11.2.1.2 If the materiel is not in production or currently available from authorized suppliers, materiel shall be obtained from suppliers that meet appropriate counterfeit avoidance criteria

11.2.1.3 Contractor shall notify the contracting officer when critical or high risk materiel cannot be obtained from an authorized supplier;

11.2.1.4 Contractor shall take mitigating actions to authenticate the materiel if purchased from an unauthorized supplier

11.2.1.5 Contractor shall report instances of counterfeit and suspect counterfeit materiel to the contracting officer and the GIDEP as soon as the contractor becomes aware of the issue.

12.0 PERSONNEL

12.1 Personnel Requirements. All persons proposed in key and non-key labor categories shall, at the time of proposal submission be U.S. citizens.

12.2 Clause 52.222-2 "Payment for Overtime Premiums" will provide for the total approved dollar amount of overtime premium or will state "zero" if not approved. If overtime premium has not been approved under this contract in accordance with Clause 52.222-2, overtime effort to be performed shall be requested from the Contracting Officer prior to performance of premium overtime. For overtime premium costs to be allowable costs; the Contracting Officer is required to approve the performance of overtime prior to the actual performance of overtime. The dollar amount in FAR 52.222-2 shall equal overtime premium negotiated between the Government and the prime contractor. This overtime premium amount shall equal the prime contractor's unburdened premium OT labor costs plus the subcontractors' fully-burdened premium OT labor costs.

12.3 The level of effort for the performance of the resultant Contract is based on the following labor categories and hours per year:

Title	eCRAFT Code	Key?	GOVT-Site /KR-Site	Hours per Year	OT Hours per Year	Resumes Required
Program/Project Manager II	MANP2	YES	BOTH	7680	768	4
Mechanical Engineer III	EM3	NO	BOTH	15360	1536	0
Mechanical Engineer II	EM2	NO	BOTH	30720	3072	0
Electrical Engineer III	EE3	NO	BOTH	15360	1536	0
Electrical Engineer II	EE2	NO	BOTH	30720	3072	0
Engineer, General (Junior Eng)	E1	NO	BOTH	30720	3072	0

Computer Engineer III*	EC3*	NO	KR	7680	768	0
Computer Engineer I*	EC1*	NO	KR	15360	1536	0
Drafter IV	30064	NO	KR	3840	384	0
Drafter II	30062	NO	KR	7680	768	0
Logistician I	LGT1	NO	KR	7680	768	0
Training Specialist I	ST1	NO	BOTH	7680	768	0
Technical Writer	TECW	NO	KR	7680	768	0
Analyst, Management I	ANM1	NO	KR	7680	768	0
Analyst, Financial	ANFS	NO	KR	7680	768	0
Engineering Technician VI (Site Foreman)	30086	NO	BOTH	15360	1536	0
Mechanical Technician V	30085	NO	BOTH	38400	3840	0
Mechanical Technician II	30082	NO	BOTH	38400	3840	0
Electrical Technician III	23183	NO	BOTH	38400	3840	0
Electrical Technician I	23181	NO	BOTH	38400	3840	0
Welder, Maintenance	23960	NO	BOTH	15360	1536	0
Electrician, Maintenance	23160	NO	BOTH	15360	1536	0
Machinist, Maintenance	23550	NO	BOTH	15360	1536	0
Pipefitter	23790	NO	BOTH	7680	768	0
Rigger	23850	NO	BOTH	15360	1536	0
Forklift Operator	21020	NO	BOTH	7680	768	0
Painter, Maintenance	23760	NO	BOTH	15360	1536	0
Sheet Metal Worker	23890	NO	BOTH	15360	1536	0
Carpenter, Maintenance	23130	NO	BOTH	7680	768	0
Maintenance Trades Helper	23580	NO	BOTH	15360	1536	0
QA Oversight Rep I (Inspector)	99610	NO	BOTH	15360	1536	0
TOTAL	-	-	-	518400	51840	4

*Detailed in section 12.6 CSWF

12.4 Key Personnel

12.4.1 The Contractor shall allow as many personnel as practicable to remain on the job to help the successor maintain the continuity and consistency of the services required by this Contract in accordance with Clause 52.237-3 Continuity of Services (Jan 1991). The Contractor also shall disclose necessary personnel records and allow the successor to conduct on-site interviews with these employees. If selected employees are agreeable to the change, the Contractor shall release them at a mutually agreeable date and negotiate transfer of their earned fringe benefits to the successor.

12.4.2 In accordance with C-237-H002 Substitution of Key Personnel, the following labor categories are designated as the target Key Personnel for this contract. Resumes will be submitted for each category in the quantities indicated by the key category description. Target qualifications are listed below for each education and work experience qualifications for each key personnel labor category. The proposed combined experience of all proposed key personnel shall cover at a minimum all requirements for task areas 3.2 and 3.3 in the performance work statement.

12.4.3 The Contractor shall provide individuals to fill the key positions identified below.

12.4.4 The Contractor shall indicate within the personnel section of its proposal, and/or indicate within individual submitted resume(s), any personnel security clearance requirements as stipulated in section 12.1 above.

Program/Project Manager (MANP2) (four resumes required):

Minimum Education: Bachelor's level degree in any technical or managerial discipline.

Minimum Experience: Ten (10) years professional experience in program or project management.

The proposed combined experience of all proposed key personnel shall cover at a minimum all requirements for task areas 3.2 and 3.3 in the performance work statement.

12.5 Non-Key Personnel

In the performance of this effort, the Contractor shall fully staff the non-key positions listed below with qualified individuals. The Contractor shall provide individuals to fill the non-key positions identified below:

Mechanical Engineer Level III (EM3):

Minimum Education: Bachelor's level degree in Mechanical Engineering.

Minimum Experience: Seven (7) years of professional experience.

Mechanical Engineer Level II (EM2):

Minimum Education: Bachelor's degree in Mechanical Engineering from an accredited college or university.

Minimum Experience: Three (3) years of professional experience.

Electrical Engineer Level III (EE3):

Minimum Education: Bachelor's level degree in Electrical/Electronics Engineering.

Minimum Experience: Seven (7) years of professional experience.

Electrical Engineer Level II (EE2):

Minimum Education: Bachelor's degree in Electrical/Electronics Engineering from an accredited college or university.

Minimum Experience: Three (3) years of professional experience.

Engineer, General Level I (E1):

Minimum Education: Bachelor's level degree in an Engineering discipline

Minimum Experience: No required professional experience.

Computer Engineer Level III (EC3):

Minimum Education: Master's level degree in Computer, Electrical or Electronics Engineering or Mathematics with field of concentration in computer science.

Minimum Experience: 7 years of professional experience in computer design, software development or computer networks.

*CSWF position, see Section 12.6.

Computer Engineer Level I* (EC1):

Minimum Education: Bachelor's degree in Computer, Electrical or Electronics Engineering, or Mathematics with field of concentration in computer science.

Minimum Experience: One (1) year of experience in a related field.

*CSWF position, see Section 12.6.

Drafter IV (30064):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Fifteen (15) years professional experience in drafting (creating/interpreting engineering drawings).

Drafter II (30062):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in drafting (creating/interpreting engineering drawings).

Logistician I (LGT1):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in integrated logistics support.

Training Specialist I (ST1):

Minimum Education: Bachelor's degree in Education, Psychology, or related Training Systems discipline.

Minimum Experience: Three (3) years of experience in curriculum development, training of personnel, or related tasks.

Technical Writer (TECW):

Minimum Education: Bachelor's degree in any field.

Minimum Experience: Three (3) years of experience in technical writing/editing.

Management Analyst I (ANM1):

Minimum Education: Bachelor's Degree in a business or technical field.

Minimum Experience: Three (3) years of experience in engineering/science management, operations research analysis or financial/cost analysis.

Financial Analyst (ANFS):

Minimum Education: Bachelor's Degree Bachelor's degree in business, finance, or accounting.

Minimum Experience: Three (3) years of experience in a related field.

Mechanical Technician VI (Site Foreman) (30086):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Fifteen (15) years professional experience in Naval mechanical systems or on-site management of technical work, or a combination thereof.

Mechanical Technician V (30085):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Ten (10) years professional experience in Naval mechanical systems.

Mechanical Technician II (30082):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Two (2) years professional experience in Naval mechanical systems.

Electrical Technician III (23183):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Ten (10) years professional experience in Naval electrical systems.

Electrical Technician I (23181):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: One (1) year professional experience in Naval electrical systems.

Welder, Maintenance (23960):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in welding.

Electrician, Maintenance (23160):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in Naval electrical systems.

Machinist, Maintenance (23550):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience as a machinist.

Pipefitter (23790):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience as a pipefitter.

Rigger (23850):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience as a rigger.

Forklift Operator (23020):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience operating forklifts.

Painter, Maintenance (23760):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in painting and coating.

Sheet Metal Worker (23890):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in sheet metal working.

Carpenter, Maintenance (23130):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: Three (3) years professional experience in carpentry.

Maintenance Trades Helper (23580):

Minimum Education: High school/vocational school degree or GED certificate.

Minimum Experience: One (1) year experience working onboard Naval Ships and familiar with basic shipboard safety requirements. Experience supporting other tradesperson in the performance of their duties, such as helping welders, riggers, painters, etc., standing firewatch, staging material, cleaning work areas, etc.

QA Oversight Representative (Inspector) (99610):

Minimum Education: High school diploma or GED and a graduate of military school(s) which provided an in-depth knowledge of Naval shipboard systems maintenance and operation; or be a graduate of a trade, industrial or correspondence school for engineering.

Minimum Experience: Ten (10) years of experience in the operation, maintenance, testing and repair of HM&E equipment installed on U.S. Navy submarines, and experience providing QA support for submarine equipment maintenance and repairs at a Navy shipyard.

12.6 DON Cyberspace IT (Information Technology)/Cybersecurity & Information Assurance Functions and Personnel Requirements**12.6.1 INFORMATION ASSURANCE CONTRACTOR TRAINING AND CERTIFICATION (JAN 2008)**

(a) The Contractor shall ensure that personnel accessing information systems have the proper and current information assurance certification to perform information assurance functions in accordance with DoD 8570.01-M, Information Assurance Workforce Improvement Program. The Contractor shall meet the applicable information assurance certification requirements, including—

(1) DoD-approved information assurance workforce certifications appropriate for each category and level as listed in the current version of DoD 8570.01-M; and

(2) Appropriate operating system certification for information assurance technical positions as required by DoD 8570.01-M.

(b) Upon request by the Government, the Contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions.

(c) Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions.

12.6.2 The table below outlines the requirements for the listed cyber positions:

Labor Category or Task Area	IAT or IAM Level (1,2,3)	IAWF Baseline Requirements	Operating System/Computing Environment(OS/CE) Qualification	Continuing Professional Education (CPE) Requirements	Primary Tasks
Engineer, Computer 3 [EC3]	IAT-2	CCNA Security CySA+ ** GICSP GSEC Security+ CE CND SSCP	Directed by Privileged Access Agreement and DFARS 252.239-7001 requirements	Yes (as required by certification)	3.2.3.1, 3.2.5.1- 3.2.5.13
Engineer, Computer 1 [EC1]	IAT-1	A+ CE CCNA-Security CND Network+ CE SSCP	Directed by Privileged Access Agreement and DFARS 252.239-7001 requirements	Yes (as required by certification)	3.2.3.1, 3.2.5.1- 3.2.5.13

13.0 NSWCPD ELECTRONIC COST REPORTING AND FINANCIAL TRACKING (eCRAFT) SYSTEM

13.1 In addition to the requirements of Clause C-237-W001 “Electronic Cost Reporting and Financial Tracking (eCRAFT) System Reporting (NAVSEA)”, the contractor is required to provide supporting accounting system reports, at the Contracting Officer’s request, based on the review of the invoice documentation submitted to eCRAFT. This documentation will include reports such as the Job Summary Report (or equivalent), Labor Distribution Report (or equivalent), and General Ledger Detail Report (or equivalent). Supporting labor data provided must include unburdened direct labor rates for each employee and labor category. Cost breakdowns for ODCs, Materials, travel and other non-labor costs must be at the transactional level in sufficient detail so the Government can review allocability to the contract/task order. Indirect costs allocated to direct costs must be shown at the lowest level of detail sufficient to reconcile each indirect rate to the appropriate allocation base.

13.2 On invoices containing subcontractor costs, the prime contractor agrees, at the Contracting Officer's request, to attach as supporting documentation all invoices received from subcontractors, unless the subcontractor submits invoices directly to the CO and COR. This requirement applies to all subcontract types (Cost, FFP, etc.).

14.0 SPECIAL REQUIREMENTS

14.1 Quality Management System

14.1.1 The Contractor shall adhere to the requirements of NAVSEA Technical Specification 9090-310 (series) (Modernization work only).

14.1.2 The Contractor shall adhere to the requirements of the latest NAVSEA Standard Items relevant to the requirements of the SOW.

14.1.3 The Contractor shall maintain a Quality Management System (QMS) in accordance with ASQ/ANSI/ISO 9001:2015 standards. QMS packages are required to adhere to the requirements of:

- NAVSEA Standard Item 009-04 (series) (Modernization & Non-Modernization work)
- NAVSEA Technical Specification 9090-310 (series) (Modernization work only)

14.1.4 The Contractor shall maintain Quality Management System (QMS) acceptance from NAVSEA 09MP in accordance with NAVSEA Technical Specification 9090-310 (series) (Modernization work only).

14.1.5 The Contractor shall notify in writing the following when any changes are made to the Quality Management System (QMS) that may affect work:

- NSWCPD's Quality Department (Modernization & Non-Modernization work)
- NAVSEA 09MP (Modernization work only)

14.2 Risk Management

14.2.1 The contractor shall develop an internal risk management program and work jointly with NSWCPD to develop an overall risk management program.

14.2.2 Assign responsibility for risk mitigation activities, and monitor progress through a formal tracking system.

14.2.3 Conduct risk identification and analysis during all phases of the program, including proposal development. Develop appropriate risk mitigation strategies and plans.

14.2.4 Use projected consequences of high probability risks to help establish the level of management reserve and schedule reserve.

14.2.5 Assess impact of identified performance, schedule and costs risks to estimate at completion, and include in the estimate as appropriate. Develop a range of estimates (best case, most likely, worst case).

14.2.6 The Contractor shall capture risks and associated mitigation plans in a risk database and provide status updates to the Government for all documented risks upon request.

14.3 Contractor Facilities

14.3.1 Facilities are required to have secret clearance in accordance with the DD 254 form attached hereto. The requirement for maintaining facilities shall not be construed to mean that the Government will be obliged to pay any direct costs in connection therewith and further, the Contractor shall not be entitled to any direct payment in conjunction with any personnel set in readiness at or brought to such facility in preparation or in expectation of work to be performed under the Contract. Payment for labor hours and materials will be made only for such hours and materials actually expended in performance under the contract.

14.3.2 The Contractor shall have access to a machine shop capable of, as a minimum, rebuilding and prefabricating parts as required by individual task orders issued under this contract.

14.3.3 The Contractor shall have ability to conduct small-scale component testing as required by individual Task Orders issued under this contract.

14.3.4 The Contractor shall have appropriate lay-down area and equipment capable of moving all material and other equipment used in support of this contract.

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

H-216-H002 LEVEL OF EFFORT--ALTERNATE I (NAVSEA) (NOV 2022)

(a) The total level of effort for the performance of this contract is specified in Section B and includes prime and subcontractor direct labor (for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort).

(b) Of the total man-hours of direct labor set forth in Section B, it is estimated that TBD AT TASK ORDER LEVEL (Offeror to fill-in) man-hours are uncompensated effort.

Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified in Section B shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as local travel to and from an employee's usual work location, uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (i) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately 10,966 hours per week. It is understood and agreed that the rate of man-hours per week may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraphs.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified in Section B would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required; the probable benefits which would result; an offer to undertake the acceleration at no increase in the estimated cost or fee; and an offer for the additional man-hours to cover the remainder of the term to include a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term. The offer shall acknowledge that the additional man-hours proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of a signed contract modification by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in Section B would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) The Contractor shall provide and maintain an accounting system, determined adequate by the Administrative Contracting Officer, which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level

of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(h) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the Defense Contract Audit Agency office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period that separately identifies compensated and uncompensated hours; (2) a breakdown of this compensated total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Additionally, in the case of a cost underrun the Contractor shall submit the amount by which the estimated cost of this contract may be reduced to recover excess funds. All submissions shall include subcontractor information.

(i) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to ____% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(j) Notwithstanding any of the provisions in the above paragraphs and subject to the Limitation of Funds or Limitation of Cost clauses, as applicable, the period of performance may be extended at the discretion of the Contracting Officer, and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in Section B. The contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

(End of text)

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The following have been modified:

ATTACHMENTS AND EXHIBITS

The following documents, exhibit, and other attachments are incorporated as part of this contract:

Exhibit I: DD 1423 Contract Data Requirements List A001- B001

CDRL	Data Item Description (DID)	Title (CDRL Blk 2)	Subtitle (CDRL Blk 3)
A001	DI-MGMT-81991	Contract Status Report	
A002	DI-MISC-81943	Travel/Trip Report	Trip Status Report
A003	DI-MGMT-81834A	Contractor Personnel Roster	On-Site Contractor Personnel
A004	DI-MISC-80508B	Technical Report – Study/Services	Technical Reports
A005	DI-NDTI-80603A	Test Procedures	

A006	DI-MGMT-81648	Condition Found Report	Condition Found Report (CFR)
A007	DI-ILSS-80872	Training Materials	
A008	DI-ADMN-80925A	Revisions to Existing Government Documents	Technical Manuals (TMs)
A009	DI-MGMT-81941	Obsolescence Alert Notice	
A010	DI-MGMT-82041B	Small Business Utilization Report	
A011	DI-MGMT-82247	Contractor's Systems Security Plan and Associated Plans of Action to Implement NIST SP 800-171 on a Contractor's Internal Unclassified Information System	Systems Security Plan (SSP)
A012	DI-PSSS-80727A	Government Furnished Material (GFM) by National Stock Number	Reporting of Government Inventory Held under Product Support Contractual Arrangements
A013	DI-MGMT-80441D	Government Property (GP) Inventory Report	Government Property Inventory Monthly Report
A014	DI-MGMT-80441D	Government Property (GP) Inventory Report	Government Property Inventory Final Report
A015	DI-MGMT-82217	Technical Assist Visit Report	
A016	DI-MGMT-82355	Contractor Spend and Expenditures Plan	Financial Expenditure Report
A017	DI-MGMT-82160	Cyber Security Workforce (CSWF) Report	CSWF Baseline Certifications
A018	DI-IPSC-81427B	Software Development Plan (SDP)	
A019	DI-MGMT-82075	Integrated Production Schedule (IPS) Report	Gantt Chart Plan of Action & Milestones (POA&M)
A020	DI-ILSS-80620	Government Furnished Equipment Repair Status Report	Ship Check Report
A021	DI-QCIC-81068A	Preparation of Final Inspection Record	Work Completion Report
A022	DI-QCIC-80509	Installation Engineering Plan	Pre-Start Checklist and Parts Tracking List
A023	DI-MISC-80678	Certification/Data Report	Equipment and Personnel Certifications
A024	DI-QCIC-81870	Alteration Installation Team Quality Assurance Workbook	Quality Assurance Workbook (QAWB)
A025	DI-IPSC-81488	Computer Software Product	Software Product
A026	DI-MGMT-81979	Acceptance Inspection Equipment Report	Equipment Acceptance
A027	DI-MGMT-81971A	Virtual Shelf Commonality Report	
B001	DI-SESS-80776B	Technical Data Package (TDP)	Technical Documentation

Attachment 1: Pre-Award Survey of Prospective Contractor Accounting System Checklist

Attachment 2: Government Furnished Information (GFI) NAVSEA Form 4340-2

Attachment 3: Government Furnished Property (GFP) Module Template – Version 2.1

Attachment 4: DD254, Contract Security Classification Specification

Attachment 5: Commercial Warranty Tracking Information – Version 2.6
Attachment 6: Commercial Warranty Source of Repair Instructions – Version 2.1
Attachment 7: Key Personnel List
Attachment 8: Small Business Participation Commitment Document (SBPCD)

SECTION K - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS

The following have been modified:

52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAY 2022)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 541330.

(2) The small business size standard is \$22,500,000.00.

(3) The small business size standard for a concern that submits an offer, other than on a construction or service acquisition, but proposes to furnish an end item that it did not itself manufacture, process, or produce is 500 employees if the acquisition--

(i) Is set aside for small business and has a value above the simplified acquisition threshold;

(ii) Uses the HUBZone price evaluation preference regardless of dollar value, unless the offeror waives the price evaluation preference; or

(iii) Is an 8(a), HUBZone, service-disabled veteran-owned, economically disadvantaged women-owned, or women-owned small business set-aside or sole-source award regardless of dollar value.

(b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:

() Paragraph (d) applies.

() Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c) (1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements--Representation. This provision applies to all solicitations.

(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.204-26, Covered Telecommunications Equipment or Services--Representation. This provision applies to all solicitations.

(vii) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations--Representation.

(viii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(ix) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(x) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(xi) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xii) 52.219-1, Small Business Program Representations (Basic, Alternates I, and II). This provision applies to solicitations when the contract is for supplies to be delivered or services to be performed in the United States or its outlying areas, or when the contracting officer has applied part 19 in accordance with 19.000(b)(1)(ii).

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(C) The provision with its Alternate II applies to solicitations that will result in a multiple-award contract with more than one NAICS code assigned.

(xiii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract is for supplies to be delivered or services to be performed in the United States or its outlying areas, or when the contracting officer has applied part 19 in accordance with 19.000(b)(1)(ii).

(xiv) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xv) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xvi) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial products or commercial services.

(xvii) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xviii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.

(xix) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals--Representation. This provision applies to solicitations that include the clause at 52.204-7.)

(xx) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xxi) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225- 3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$92,319, the provision with its Alternate II applies.

(D) If the acquisition value is \$92,319 or more but is less than \$100,000, the provision with its Alternate III applies.

(xxii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xxiii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xxiv) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

(i) 52.204-17, Ownership or Control of Offeror.

(ii) 52.204-20, Predecessor of Offeror.

(iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

(iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

(v) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

(vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

(vii) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

(viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The Offeror has completed the annual representations and certifications electronically in SAM accessed through <https://www.sam.gov>. After reviewing the SAM information, the Offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change
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Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of provision)

SECTION L - INSTRUCTIONS, CONDITIONS AND NOTICES TO BIDDERS

The following have been modified:

SECTION L

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

CONTENT OF PROPOSALS

L.1 GENERAL INSTRUCTIONS

The Offeror shall submit all information required by this RFP and in the same format as outlined herein. Failure to comply with the requirements of the RFP may result in the Offeror being removed from consideration for award. The Government does not assume the duty to search for data to cure problems it finds in proposals. Proposals shall be sufficiently detailed to enable Government evaluation board members to make a thorough evaluation and to arrive at a sound determination as to whether or not the prospective Offeror has a thorough understanding of the requirements and associated risks and is able, willing, and competent to devote the resources necessary to meet the requirements.

No classified information shall be provided in any volume.

A “**subcontractor**” includes any person or entity other than the prime contractor (e.g., consultants, temporary purchased labor, or divisions, subsidiaries, and affiliates of a contractor or subcontractor) who will furnish or furnishes any effort in connection with this prospective contract.

A “**major subcontractor**” is considered to be any entity proposed to perform 30% or more of the total proposed contract value for the purposes of this solicitation.

L.1.2. SOLICITATION CHANGES

Any changes or additional information (responses to questions, amendments, etc.) related to the solicitation will be made available only through the following website: <https://beta.sam.gov/>. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall provide proposals in response to any and all amendments to this solicitation by the date and time specified in the amendment(s). The cover letter /transmittal letter shall acknowledge receipt/response to the amendment version).

L.2. PROPOSAL FORMAT

Proposals shall be prepared on standard 8-1/2” by 11” paper, set at single-spaced with 1” width spacing, 0” left and right indent and a single blank line before and after each paragraph. The font shall be Times New Roman with a font size of 12 throughout the document.

The Offeror’s company name, the solicitation number and the date of the proposal shall appear at the top of each page. Each page shall contain a footer that includes, at a minimum, the volume number, page number and, if applicable, restrictive legend (see FAR 52.215-1(e) (2)).

The Non-Cost/Price Volumes of a Proposal shall not contain any reference to cost. They shall be written so that Government personnel evaluating the proposal can arrive at a sound determination as to whether the proposal meets the requirements of this solicitation. To this end, the proposal shall be specific, detailed and complete as to clearly and fully demonstrate that the prospective Contractor has a clear understanding of the technical requirements contained in Section C of this solicitation. Statements such as “the Offeror understands”, “will comply with the Performance Work Statement,” “standard procedures will be employed”; “well known techniques will be used” and general paraphrasing of the Performance Work Statement are considered inadequate.

L.2.1. PAGE NUMBERS AND LIMITS

A page is defined as one sheet of paper with typing on one side. When information is contained on both sides of a single sheet of paper it will be counted as two pages and shall be numbered accordingly. Partial pages count as a full page. Foldouts may be used for diagrams, charts, or graphic material only that could not be depicted otherwise on

standard 8-1/2" by 11" paper. Foldouts shall fold from left to right (sideways), shall not exceed 11" by 17" and shall count as two pages.

Specific page limitations are provided below in Table L.3. Pages that exceed the page count limit will not be evaluated by the Government. If the proposal exceeds the identified page limit, the Government will remove all pages exceeding the specified page count. Blank pages must contain only material pertinent to the page heading and marked "Intentionally Left Blank." All pages within a page limited volume shall be consecutively numbered, starting at page one, and shall not exceed the page limitation.

The following are not included in the page limitations:

- Title/Cover pages
- Tables of Contents
- Glossaries of abbreviations and acronyms
- Subcontracting/Teaming/Consulting Agreements, letters of intent for key personnel
- Past Performance References and subcontractor commitment letters
- Resumes
- OCI Mitigation Plan
- Quality Assurance Acceptance Letter
- Quality Management System Level 1 and Level 2 Procedures
- Section J Attachments

L.2.2 SUBMISSION OF PROPOSALS

Hand Delivery of Proposals

Due to ongoing restrictions resulting from the global COVID-19 pandemic, hand delivery of proposals is not possible at this time to the Naval Surface Warfare Center Philadelphia Division.

Electronic Delivery of Proposals via DoD SAFE Utilization of DoD SAFE at <https://safe.apps.mil/> is required for electronic proposal submissions. DoD SAFE supports individual file sizes up to 8 GB. Browsers recommended are: Firefox, Chrome and, Edge. **Internet Explorer is not recommended. Please note that Internet Explorer limits uploads to 2 GB.** When offers are submitted via DoD SAFE, the Government will receive an automated message stating that a file has been "Dropped-Off." An offer uploaded ("Dropped-Off") to DoD SAFE is considered to be timely when this automatic system-generated notification email is received by the designated Contracting Officer prior to the due date/time set for receipt of offers. Late submissions will be treated IAW FAR 52.212-1(f) or 52.215-1(c)(3)(ii)(A).

In order to submit a proposal via DoD SAFE:

- (1) The Contractor shall send a request to the following email addresses craig.t.wright.civ@us.navy.mil stating their intent to submit a proposal and shall include in that request a valid email address(es).
- (2) Within two (2) business days from the date of the request, the Contractor will receive a link via email allowing them to upload/"Drop-Off" a proposal in DoD SAFE. The Contractor has 14 days from receipt of the email to "Drop-Off" their proposal in DoD SAFE. Offerors are reminded to be mindful of the due date/time set for receipt of offers.
- (3) It is recommended that each offeror keep a screen shot of the DoD SAFE page showing that the "Drop-Off" has been completed for their records.

The DoD SAFE site is located here: <https://safe.apps.mil>. Additional information on DoD SAFE from the DON CIO: <https://www.doncio.navy.mil/ContentView.aspx?ID=12719>

L.3. PROPOSAL CONTENT AND ORGANIZATION

The proposal shall contain four (4) separate volumes with page limits identified as follows:

Volume	Contents	Original	Electronic/ Soft Copies	Page Limits
I.	PROPOSAL DOCUMENTS	1	1	None
II.	FACTOR 1: TECHNICAL	1	1	50
	Subfactor A – Facilities	–	–	–
	Subfactor B – Quality Assurance	–	–	–
	Subfactor C – Personnel	–	–	–
	Subfactor D – Corporate Experience	–	–	–
	Subfactor E – Tech & Management Approach	–	–	–
III.	FACTOR 2: SMALL BUSINESS PARTICIPATION COMMITMENT	1	1	None
IV.	FACTOR 3: PAST PERFORMANCE	1	1	None

L.3.1. VOLUME I: PROPOSAL DOCUMENTS

This volume is the Offeror's contractual commitment, complete in every respect and ready for acceptance by the Government.

L.3.1.1 TRANSMITTAL/COVER LETTER

The Offeror's proposal shall include a transmittal letter on the Offeror's letterhead signed by an executive of the company who possesses authority to contractually bind the Offeror. The letter shall provide the name, title, phone number and e-mail address of the Offeror's principal point of contact for the solicitation and identify those individuals authorized to negotiate with the Government and contractually bind the Offeror. The letter shall include the following information:

1. Reference the RFP number and acknowledge that it transmits an offer in response to the requirements as stated in the solicitation,
2. Identify all attachments and enclosures being transmitted as part of the response to the RFP,
3. List all subcontractors identified in the Offeror's proposal
4. A statement that the proposal is made without qualification or exception to any terms and conditions appearing in the solicitation; or if the Offeror takes any exceptions to solicitation, provide a full explanation. Each exception shall be referenced to the applicable paragraph or contract line item number. Any exceptions made, and not clearly delineated here will not be considered or accepted. Any material exceptions to the RFP may render the proposal unacceptable and ineligible for award.
5. A statement that the proposal is valid for at least 180 calendar days after the date established for receipt of offers.
6. If the proposal contains a "contractor team arrangement" as defined in FAR 9.601, provide information that describes the contractor team arrangement to include any information that will help the Government understand the contractor team arrangement purpose and benefit.
7. List any subcontractor commitment letters provided with the Past Performance Proposal
8. Provide the following information pertaining to the Offeror:
 - a. Commercial and Government Entity (CAGE) number
 - b. Unique Entity Identifier, (UEI) Number (assigned by SAM.gov)
 - c. Taxpayer Identification Number (TIN)
 - d. Address(es) of the location(s) at which the Offeror intends to perform the proposed effort
 - e. Name, address and telephone number of the cognizant Defense Contract Audit Agency (DCAA), audit office
 - f. Name, address and telephone number of the cognizant Defense Contract Management Agency (DCMA) office

- g. The Offeror shall either (i) reference the most recent date that the Offeror's cognizant Defense Contract Audit Agency has determined the acceptability of the Offeror's accounting system and include a copy of the determination as an attachment to the cover letter, or (ii) reference the most recent date that the Offeror's cognizant Administrative Contracting Officer (ACO) has determined the adequacy of the Offeror's accounting system and include a copy of the ACO's determination letter as an attachment to the cover letter.
- h. The Offeror shall reference the dates of the most recent approvals of the Offeror's cost accounting disclosure statement and the Offeror's purchasing system and include copies of the approvals as attachments to the cover letter.
- i. The Offeror shall reference the most recent date on which the Offeror's cognizant Defense Contract Management Agency has determined the adequacy of the Offeror's property management system and attach a copy of the determination to the cover letter.
- j. If no Organizational Conflict of Interest exists, then the Offeror shall clearly state this in its cover letter.
- k. Identify any beneficial interests to include: The names of the subcontractors included in its proposal in which the Offeror or Offeror's owners/management share a beneficial interest. If a beneficial financial, management, or controlling interest exists between the prime offeror or subcontractor, the prime offeror must explicitly state the manner of the shared interest and state how it will assure that transactions between the related parties will remain at arms-length.
- l. Provide the names of the other offerors who submitted proposals to the solicitation from whom the prime offeror shares a beneficial interest. The prime offeror shall include a statement in its proposal if there are no beneficial interests. Note: A beneficial interest is defined as the prime offeror, owners/management of prime offeror, or family members of owners/management having a beneficial financial, management, or controlling interest in another contractor either directly, or indirectly.
- m. The names, titles, phone numbers and email addresses of persons authorized to negotiate on the Offeror's behalf with the Government in connection with this solicitation.

L.3.1.2 ORGANIZATIONAL CONFLICT OF INTEREST (OCI) MITIGATION PLAN

The Offeror's OCI Mitigation Plan shall be provided in Volume I.

In accordance with Section C, the OCI provision of this section, Offerors shall identify any and all conflicts of interest or potential conflicts of interest related to this solicitation. Offerors shall follow the below described two-step process for identifying known or potential OCI issues to the Government for this solicitation.

Offerors shall submit a statement in affirmation or negation whether they have an OCI conflict regarding this solicitation. If OCI issues are present or anticipated, Offerors shall provide details and submit an OCI mitigation plan and its corporate policy for resolving as part of their proposal submission. If it is believed that no conflicts of interest exist, then the Offeror shall clearly state this in their offer cover letter, in addition to providing their corporate policy for resolving OCIs. Organizational charts and/or corporate policy are authorized to be submitted in addition to the OCI Mitigation Plan and do not count toward any page limitation.

L.3.2 VOLUME II: FACTOR 1 – TECHNICAL

L.3.2.1 SUBFACTOR A – FACILITIES

Offerors must demonstrate that they possess or have the ability to obtain facilities and equipment requirements of as specified in Paragraph 14.4 of the Statement of Work. To this extent, the Offeror shall submit with its proposal the following information to demonstrate that its facility meets the statement of work requirements:

1. Submit the specific address and location of its facility/facilities to be utilized during the performance period.

2. Provide a list of shops for each of the proposed facility/facilities. In addition, the Offeror shall provide a capability statement and pictures of the shops to be utilized to demonstrate that each of the proposed shops meets the requirements of the Statement of Work.
3. Provide list of proposed contractor furnished equipment by shop and by facility to be utilized during the course of the contract. The list of equipment shall include model numbers, pictures of the equipment to demonstrate its understanding and its ability to accomplish the requirements of the Statement of Work.

The above information may be submitted as an attachment to the Offerors' proposal, and the attachment is excluded from the page limit described above.

L.3.2.2 SUBFACTOR B – QUALITY ASSURANCE (QA)

The Prime Contractor shall provide its Quality Management System (QMS) Level 1 and Level 2 Procedures meeting the requirements of ASQ/ANSI/ISO 9001:2015.

L.3.2.3 SUBFACTOR C – PERSONNEL

Key Personnel – The target and/or minimum qualifications for the KEY LABOR CATEGORIES are specified in Section C. Minimum education background and work experience requirements (if applicable) for KEY LABOR CATEGORIES shall be specified. Offeror must provide the required number of resumes as outlined in Section C Paragraph 12.3.

Resumes shall include the relevant qualifications, background and experience for all such key personnel in sufficient detail to demonstrate the capability of such personnel to meet the qualification requirements in Section C. Offerors shall provide resumes showing education and levels of professional and technical experience as described in the Section C. The specialized experience included as a part of the desired qualifications shall have been obtained in the fields of endeavor indicated by the applicable labor categories.

The work history of each key person shall contain experience directly related to the tasks and functions he/she is intended to perform under the proposed contract. Offerors shall indicate limitations of the availability of any proposed personnel, if any. If a proposed individual is currently employed by the Offeror, the Offeror should discuss how they intend to cover the personnel requirements on this requirement as well as any other contract(s)/efforts for which the proposed personnel are assigned, and indicate their availability to work on this requirement, and their tenure. If the individual is not currently employed by the Offeror, include a signed letter of intent. Only contingency hires with "letters of intent" will be considered in the evaluation. If the Offeror is not the incumbent, a proposed plan to hire incumbent personnel is not acceptable without "letters of intent". Letters of Intent are not required for currently employed proposed prime or proposed subcontractor personnel.

Resumes shall contain the following:

- Labor category
- Name
- Current Employer
- Education/Experience (list any diplomas and/or degrees obtained, institution and the year obtained)
- Level of current Security Clearance
- Directly-related work experience (list each relevant job title, the inclusive dates of employment (month/year), the employer, and a brief synopsis for each job listed on how this experience is directly related to the statement of work.

Each resume length: Maximum – 2 pages

Non-key Personnel – The proposed non-key personnel shall meet the prescribed minimum educational and work experience requirements for each category. Resumes are not required for non-key personnel. However, as part of their Technical Proposal, the Offeror shall provide an affirmative statement within the Personnel factor that all proposed

non-key personnel meet the minimum education and experience requirements specified for each non-key labor category.

L.3.2.4 SUBFACTOR D – CORPORATE EXPERIENCE

Offerors shall provide information on its corporate experience for the Modernization Programs related to the systems and equipment listed under Section 1.1 of the Statement of Work (SOW) in Section C. Offerors should provide specific accomplishment experience in the Programs listed in SOW paragraph 2. Offerors shall address their experience in the technical areas specified in Section 3.0 of the SOW.

Experience should indicate the Program, Alteration/Ship Change, ships accomplished, the work accomplished as the prime contractor, and work that was accomplished as a subcontractor.

The information provided shall include examples of experience obtained under previous contracts within the past three (3) years, and the contractor is required to provide the following information for each such contract:

1. Contract Number
2. Customer/Agency
3. Contracting Officer and Technical Point of Contact (names with current addresses and phone numbers.
4. Contract Type
5. Contract Price
6. Total Labor - Hours of Effort
7. Period of Performance
8. Contract Deliverables
9. A description of the type of work performed under the contract, particularly noting (by reference to SOW paragraph number) work performed under the reference contract that is identical or similar to work required under the SOW for the proposed contract (contained in Section C of the solicitation).
10. Task Order Proposed Value versus Total Cost Value, for all completed task orders awarded against subject Contract.
11. Task Order Proposed Completion Date versus Actual Completion Date, for all completed task orders awarded against subject Contract.

Offerors shall not provide more than five (5) contract examples to address all of the referenced Modernization Programs.

L.3.2.5 SUBFACTOR E – TECHNICAL AND MANAGEMENT APPROACH

The Offeror shall provide in detail a technical and management approach that will successfully accomplish the requirements of the solicitation, including the Statement of Work (SOW). The technical and management approach shall address the Offeror's proposed methodology for performing the requirements of the solicitation, including the SOW.

As part of its technical and management approach, the Offeror shall address the following areas:

a. Risk.

The Offeror shall address its approach to meeting the risk management requirements identified in SOW Section 14.2 Risk Management to include the identification of any risks identified during the proposal development phase and describe any techniques, methods, and actions that will/would be used by the Offeror to mitigate the risk(s).

b. Organizational Structure, Relationships and Responsibilities.

The Offeror shall provide an organizational chart and information of the firm's structure, reporting lines, the roles, responsibilities and decision-making authority of the units/positions, and how the company's operational and management systems are designed to support the work requirements. The proposal documentation shall include a discussion on internal management communication, and external

communication with the Contracting Officer and COR. The firm's structure will be evaluated with respect to accomplishing the requirements of the solicitation.

c. Subcontract Management.

The Offeror shall discuss the use of proposed subcontractors and the extent of the subcontractor's involvement in the performance of this contract. Subcontractor recommendations may be based on their CONUS/OCONUS facility/office locations that are distinct, to offset travel and per diem costs; or provide a unique service/expertise not within the prime contractor's capabilities. Irrespective of the number of hours proposed, the Offeror shall provide a Subcontract Management Plan detailing the work or portion of work that it intends to subcontract, the type of subcontract, its basis for selecting the subcontractor, and how each subcontractor will be integrated into the overall management plan. If applicable, provide a detailed listing of consultants expected to be used, rationale for selecting the consultant. In addition, a copy of the Consultant Agreement shall also be provided by the Offeror. The consultant agreement shall not contain any cost information.

Offerors shall also identify whether the proposed subcontractors are small businesses, historically black colleges or universities and minority institutions. The Subcontracting Management Plan may be included as an attachment to the technical proposal and may be omitted from the overall page count.

NOTE: The North American Industry Classification (NAICS) code applicable to the requirements contained within this solicitation is 541330. Therefore, companies proposing as a subcontractor under this solicitation as a small business concern must have had an average over their three (3) previous fiscal years that was less than \$25.5 million. The size standard certified to by the Prime for their contract is valid for the ordering period and duration of any resultant Contract and Delivery Order issued against this solicitation.

d. Workflow Management

The Offeror shall provide information on its ability to respond to workload fluctuations, and to perform overlapping and separate tasks in a timely manner. The Offeror shall demonstrate its plans to handle fluctuations for surges or reductions in production process.

e. Start-Up Plan

The Offeror shall submit a plan showing the Government how it proposes to ramp up support of the subject contract requirements. The plan shall entail detailed discussion of its existing organic capability (personnel, equipment, facility and etc.), workforce plan to hire if any, any subcontractor to be contracted to complement its organic capability, equipment to be purchased, any facility to be leased. The Offeror shall also provide timeline and milestones that shows times frame of ramp up effort associated activities discussed herein.

L.3.3 VOLUME III: FACTOR 2 – SMALL BUSINESS SUBCONTRACTING COMMITMENT

L.3.3.1 SMALL BUSINESS PARTICIPATION COMMITMENT DOCUMENT (SBPCD)

All Offerors (both other than small businesses and small businesses) shall comply with the requirements of this factor. In preparation of the Small Business Participating Document (SBPCD), please note the Minimum Quantitative Requirement (MQR) specified in Section M of 40%, of which at least 25% shall be attributed to direct labor hours. Offerors shall submit the SBPCD in the format provided under Attachment 8.

Attachment 8 shall include the following information:

- The names of small business subcontractors to be utilized proposed under the Labor CLINs (no subcontractor names are required under ODCs, but general descriptions of the products/specialized service shall be provided)
- A description of the products/services that the small business subcontractors shall provide; and
- The socio-economic category of each proposed subcontractor and/or product (if available)/service.

In addition to the completion of Attachment 8, the Offeror shall also provide the following as part of the SBPCD:

- A narrative on its plan to meet or exceed the baseline MQR for small business participation equal to or greater than the specified percentage of the Total Contract Value (TCV).
- Signed letters of commitment/intent for each proposed small business subcontractor, performing labor hours, listed on the SBPCD. The letter of commitment/intent shall detail the teaming agreement between the prime contractor and each proposed small business subcontractor. If no letters of commitment are established, Offerors shall provide a narrative discussing the reason why one was not established (letters are not required for subcontractors providing ODCs).

The successful Offeror's proposed Small Business Participation Commitment Document will be incorporated into the resultant contract award. Awardees shall report progress in accordance with CDRL A010, "Small Business utilization Report."

The SBPCD and its attachments are excluded from the page count. The submission of the SBPCD and supporting documentation is separate from the subcontracting plan submitted pursuant to the clause at FAR 52.219-9 as required by DFARS 215.304(c)(i)(B).

L.3.3.2 SMALL BUSINESS COMMITMENT PAST PERFORMANCE

Offerors shall also provide a narrative describing their use of small business concerns over the past three years on relevant contracts. The Offeror's narrative shall discuss its use of small businesses as subcontractors or teaming partners and demonstrate the extent of compliance with the Offeror's small business subcontracting plans and any related contract incentives. The description must include small business goals and the extent to which the goals were achieved in relevant contracts that required subcontracting plans. DoD Comprehensive Subcontracting Plan Test Program participant's narrative descriptions shall provide the Government with sufficient details of small business utilization performance on relevant contracts for the Government to assess the relevant contract's small business utilization contributions to achieving comprehensive subcontracting plan goals and enhancing opportunities for small business concerns.

The Government will use the submitted Small Business Participation Commitment Document to assess the Contractor's commitment to small business participation for this sub-factor (or Factor).

For large businesses, Offerors shall provide Individual Subcontracting Reports (ISRs) submitted within the last three years for up to three relevant contracts. Subcontracting Reports will not count against the page limitations for the Technical Proposal.

NOTE: SMALL BUSINESS SUBCONTRACTING PLAN (For Large Businesses Only):

Large business Offerors shall also submit a Small Business Individual Subcontracting Plan IAW FAR 52.219-9 (Alt II) inclusive of the information required in Paragraphs (d) (1) through (d) (15) of the referenced clause. The small business Individual Subcontracting Plan must be determined to be acceptable by the Contracting Officer in order for the large business Offeror to be eligible for contract award. The successful Offeror's small business subcontracting plan shall be included in and become a part of the resultant contract award. DoD Comprehensive Subcontracting Plan Test Program participants comply with DFARS 252.219-7004 and may submit the most current Defense Contract Management Agency (DCMA) approved Comprehensive Subcontracting Plan. If submitting a comprehensive plan, DoD Comprehensive Subcontracting Plan Test Program participants shall also submit a Small Business Participation and Commitment Plan. Small Business Subcontracting Plans will also not count against the page limitations for the Technical Proposal. Subcontracting plans submitted in response to this solicitation are excluded from the overall page count.

L.3.4 VOLUME IV: FACTOR 3 – PAST PERFORMANCE

List up to 4 relevant contracts performed within the last 3 years by the Offeror whether completed or not, including Federal, State and Local Government and private sector contracts. If subcontractor experience is submitted for consideration as part of the proposal, the Offeror should include a commitment signed by Offeror and subcontractor certifying that if a contract is awarded resulting from the proposal, the parties commit to joint performance as proposed. If the signed commitment is not fully executed by both parties and provided with the Past Performance

Proposal, subcontractor references will not be evaluated or considered. Affiliate companies, sister companies, teaming arrangements, joint venture agreement, etc., will be considered provided that sufficient documentation is included in the proposal. The primary offering entity must demonstrate that the affiliate will perform significant and critical aspects of the contract if awarded. Documentation includes a copy of the signed arrangement such as documented affiliation, a copy of the teaming agreement, a copy of the joint venture agreement, etc. Per FAR 15.305(a)(2)(vi), If the joint venture does not demonstrate past performance for award, the past performance of each party to the joint venture will be considered.

For evaluation of Past Performance, the Government may use information from any sources available to it including, but not limited to, the Contract Performance Assessment Reporting System (CPARS.gov), Federal Awardee Performance and Integrity Information System (FAPIS), and Electronic Subcontract Reporting System (eSRS). The Government may review relevant past performance information from other sources.

Offerors should provide relevant past performance information for similar or related work that has taken place during the last three years. Each Offeror has the opportunity to provide in its proposal any information regarding its past performance of contracts similar to the Government's requirement that it would like the Government to consider. This includes information that the Offeror considers essential to the Government's evaluation or explanatory information of poor performance.

Offerors should provide the following information:

1. Contract Number (and name of Contract's Prime Contractor if applicable)
2. Customer/Agency
3. Contracting Officer /Technical Point of Contact/POC (names and telephone numbers)
4. Brief description of the scope of work (as compared to the tasks/requirements of this SOW)
5. Contract type
6. Award Price
7. Total Labor-Hours of Effort
8. Period of Performance
9. Contract Deliverables

To obtain information, the Government may contact the points of contact listed, however, the Government is not required to do so. The Government may contact references other than those provided by the Offeror to evaluate past performance.

(End of Summary of Changes)