

2. AMENDMENT/MODIFICATION NO. 05	3. EFFECTIVE DATE 02-Sep-2016	4. REQUISITION/PURCHASE REQ. NO. N4215816RC60413	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE	N00189	7. ADMINISTERED BY (If other than Item 6) CODE	S5111A SCD: C

NAVSUP FLC Norfolk, Code 200
1968 Gilbert Street Ste 600
Norfolk VA 23511-3392
anjune.ennis@navy.mil 757-396-8364

DCMA HAMPTON
2000 Enterprise Parkway, Suite 200
Hampton VA 23666

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Cape Henry Associates, Inc. 1206 Laskin Road, Suite 100 Virginia Beach VA 23451-5263		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-14-D-8009-FK01 10B. DATED (SEE ITEM 13) 30-Jan-2015
CAGE CODE 3SPA6	FACILITY CODE	[X]

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy 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 ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by 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)
SEE SECTION G

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.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.212-4(c)
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 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

15A. NAME AND TITLE OF SIGNER (Type or print) Jay McGovern, Project Management Office Director	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie Moore, Contracting Officer
15B. CONTRACTOR/OFFEROR /s/Jay McGovern (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY /s/Valerie Moore (Signature of Contracting Officer)
15C. DATE SIGNED 07-Sep-2016	16C. DATE SIGNED 08-Sep-2016

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 2 of 2	FINAL
----------------------------------	----------------------------	----------------------------------	----------------	-------

GENERAL INFORMATION

The purpose of this modification is to:

- I.) Remove CLIN(s) 8103, 8111, 8203, 8211, 8303, 8311, 8403, and 8411.
- II.) Increase number of quantity from 1 to 13.3 each for CLIN(s) 8109, 8209, 8309, and 8409
- III.) Increase number of quantity from 1 to 2 each for CLIN(s) 8110, 8210, 8310, and 8410
- IV.) Sammy D Brown has replaced William H Grider as the Contracting Officer's Representative (COR)
- V.) All other terms and conditions remains the same and in full effect.

A conformed copy of this Task Order is attached to this modification for informational purposes only.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 1 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For FFP Items:

Item	PSC	Supplies/Services	Qty	Unit	Unit Price	Total Price
8001	U009	Develop a one (1) day Engineering Skills Training course (O&MN,N)	4.0	EA	\$15,134.75	\$60,539.00
8002	U009	Develop a two (2) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$30,055.00	\$30,055.00
8003	U009	Develop a three (3) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$45,082.00	\$45,082.00
8004	U009	One (1) day Classroom course instruction (O&MN,N)	6.0	EA	\$859.00	\$5,154.00
8005	U009	Two (2) day Classroom course instruction (O&MN,N)	5.0	EA	\$1,717.00	\$8,585.00
8006	U009	Three (3) day Classroom course instruction (O&MN,N)	0.0	EA	\$2,576.00	\$0.00
8007	U009	One (1) day course instruction shipboard training (O&MN,N)	5.0	EA	\$1,717.00	\$8,585.00
8008	U009	Two (2) day course instruction shipboard training (O&MN,N)	0.0	EA	\$3,435.00	\$0.00
800801	U009	N4215815RC50090 (O&MN,N)				
8009	U009	Revise a one (1) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$3,757.00	\$3,757.00
8010	U009	Revise a two (2) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$7,514.00	\$7,514.00
8011	U009	Revise a three (3) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$4,160.78	\$4,160.78
8012	U009	Analyzing a pre-existing engineering course (one day of course material) and provide a written analysis of how to improve the course (one day of course material) or incorporate changes (O&MN,N)	6.0	EA	\$1,184.87	\$7,109.22
8101	U009	Develop a one (1) day Engineering Skills Training course (O&MN,N)	3.0	EA	\$15,478.00	\$46,434.00
8102	U009	Develop a two (2) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$30,956.00	\$30,956.00
8103	U009	Develop a three (3) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$0.00	\$0.00
8104	U009	One (1) day Classroom course instruction (O&MN,N)	10.0	EA	\$884.00	\$8,840.00
8105	U009	Two (2) day Classroom course instruction (O&MN,N)	5.0	EA	\$1,769.00	\$8,845.00
8106	U009	Three (3) day Classroom course instruction (O&MN,N)	2.0	EA	\$2,653.00	\$5,306.00
8107	U009	One (1) day course instruction shipboard training (O&MN,N)	5.0	EA	\$1,769.00	\$8,845.00

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 2 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Unit Price	Total Price
8108	U009	Two (2) day course instruction shipboard training (O&MN,N)	2.0	EA	\$3,538.00	\$7,076.00
8109	U009	Revise a one (1) day Engineering Skills Training course (O&MN,N)	13.3	EA	\$3,870.00	\$51,471.00
8110	U009	Revise a two (2) day Engineering Skills Training course (O&MN,N)	2.0	EA	\$7,739.00	\$15,478.00
8111	U009	Revise a three (3) day Engineering Skills Training course (O&MN,N)	1.0	EA	\$0.00	\$0.00
8112	U009	Analyzing a pre-existing engineering course (one day of course material) and provide a written analysis of how to improve the course (one day of course material) or incorporate changes (O&MN,N)	1.0	EA	\$2,440.83	\$2,440.83
8201	U009	Develop a one (1) day Engineering Skills Training course (O&MN,N) Option	3.0	EA	\$15,942.00	\$47,826.00
8202	U009	Develop a two (2) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$31,885.00	\$31,885.00
8203	U009	Develop a three (3) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$0.00	\$0.00
8204	U009	One (1) day Classroom course instruction (O&MN,N) Option	10.0	EA	\$911.00	\$9,110.00
8205	U009	Two (2) day Classroom course instruction (O&MN,N) Option	5.0	EA	\$1,822.00	\$9,110.00
8206	U009	Three (3) day Classroom course instruction (O&MN,N) Option	2.0	EA	\$2,733.00	\$5,466.00
8207	U009	One (1) day course instruction shipboard training (O&MN,N) Option	5.0	EA	\$1,822.00	\$9,110.00
8208	U009	Two (2) day course instruction shipboard training (O&MN,N) Option	2.0	EA	\$3,644.00	\$7,288.00
8209	U009	Revise a one (1) day Engineering Skills Training course (O&MN,N) Option	13.3	EA	\$3,986.00	\$53,013.80
8210	U009	Revise a two (2) day Engineering Skills Training course (O&MN,N) Option	2.0	EA	\$7,971.00	\$15,942.00

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 3 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Unit Price	Total Price
8211	U009	Revise a three (3) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$0.00	\$0.00
8212	U009	Analyzing a pre-existing engineering course (one day of course material) and provide a written analysis of how to improve the course (one day of course material) or incorporate changes (O&MN,N) Option	1.0	EA	\$2,514.05	\$2,514.05
8301	U009	Develop a one (1) day Engineering Skills Training course (O&MN,N) Option	3.0	EA	\$16,421.00	\$49,263.00
8302	U009	Develop a two (2) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$32,842.00	\$32,842.00
8303	U009	Develop a three (3) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$0.00	\$0.00
8304	U009	One (1) day Classroom course instruction (O&MN,N) Option	10.0	EA	\$938.00	\$9,380.00
8305	U009	Two (2) day Classroom course instruction (O&MN,N) Option	5.0	EA	\$1,877.00	\$9,385.00
8306	U009	Three (3) day Classroom course instruction (O&MN,N) Option	2.0	EA	\$2,815.00	\$5,630.00
8307	U009	One (1) day course instruction shipboard training (O&MN,N) Option	5.0	EA	\$1,877.00	\$9,385.00
8308	U009	Two (2) day course instruction shipboard training (O&MN,N) Option	2.0	EA	\$3,753.00	\$7,506.00
8309	U009	Revise a one (1) day Engineering Skills Training course (O&MN,N) Option	13.3	EA	\$4,105.00	\$54,596.50
8310	U009	Revise a two (2) day Engineering Skills Training course (O&MN,N) Option	2.0	EA	\$8,210.00	\$16,420.00
8311	U009	Revise a three (3) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$0.00	\$0.00

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 4 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Unit Price	Total Price
8312	U009	Analyzing a pre-existing engineering course (one day of course material) and provide a written analysis of how to improve the course (one day of course material) or incorporate changes (O&MN,N) Option	1.0	EA	\$2,589.47	\$2,589.47
8401	U009	Develop a one (1) day Engineering Skills Training course (O&MN,N) Option	3.0	EA	\$16,913.00	\$50,739.00
8402	U009	Develop a two (2) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$33,827.00	\$33,827.00
8403	U009	Develop a three (3) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$0.00	\$0.00
8404	U009	One (1) day Classroom course instruction (O&MN,N) Option	10.0	EA	\$966.00	\$9,660.00
8405	U009	Two (2) day Classroom course instruction (O&MN,N) Option	5.0	EA	\$1,933.00	\$9,665.00
8406	U009	Three (3) day Classroom course instruction (O&MN,N) Option	2.0	EA	\$2,899.00	\$5,798.00
8407	U009	One (1) day course instruction shipboard training (O&MN,N) Option	5.0	EA	\$1,933.00	\$9,665.00
8408	U009	Two (2) day course instruction shipboard training (O&MN,N) Option	2.0	EA	\$3,866.00	\$7,732.00
8409	U009	Revise a one (1) day Engineering Skills Training course (O&MN,N) Option	13.3	EA	\$4,228.00	\$56,232.40
8410	U009	Revise a two (2) day Engineering Skills Training course (O&MN,N) Option	2.0	EA	\$8,457.00	\$16,914.00
8411	U009	Revise a three (3) day Engineering Skills Training course (O&MN,N) Option	1.0	EA	\$0.00	\$0.00
8412	U009	Analyzing a pre-existing engineering course (one day of course material) and provide a written analysis of how to improve the course (one day of course material) or incorporate changes (O&MN,N)	1.0	EA	\$2,667.16	\$2,667.16

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 5 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Unit Price	Total Price
		Option				

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 6 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

SECTION C DESCRIPTIONS AND SPECIFICATIONS

PERFORMANCE WORK STATEMENT

REFERENCES: The following documents shall form a part of the technical requirements for work under this task order.

- (a). NAVSEA S9AAO-AB-GOS-010/GSO: General Specifications for Overhaul of Surface Ships
- (b). NAVSEA SL720-AA-MAN-030: Surface Ship and Carrier Entitled Process for Modernization Management and Operations Manual
- (c). NAVSEA S9074-AR-GIB-010/278: Requirements for Fabrication Welding and Inspection, and Coasting Inspection and Repair for Machinery Piping and Pressure Vessels
- (d). MIL-STD-100: Engineering Drawing Practices
- (e). MIL-M-24784: Manuals, Technical – Equipment and Systems
- (f). Uniform Industrial Process Instruction 0880-450

Work Specifications Applicable to: CLINS 8001 thru 8003; 8101 thru 8103; 8201 thru 8203; 8301 thru 8303; 8401 thru 8403

(a) Course Development -- Provide engineering and technical services for development of Engineering Skills Training courses. Courses are aimed at Engineers and Technicians working on United States Carriers, Amphibious ships and Submarines.

Develop the following Engineering Skills Training courses (per year):

- Qty of three (3) - 1 day course
- Qty of one (1) - 2 day courses
- Qty of one (1) - 3 day course

Contractor will be required to design, construct and prepare the training courses using the current Instructional Systems Design (ISD) techniques and produce course materials including lesson plans, presentations (Power Point and/or videos), instructor notes, tests, and student guides/workbooks using Government capable Microsoft electronic file formats.

Course materials shall be provided to the Government for review in accordance with the schedule identified in the table below. The Government will review the materials submitted and provide editing instructions as applicable.

Description	Required Submission to Government	Government return to contractor
1 st review - Course Syllabus and Outline	Within 10 working days of award instrument identifying course title/content and duration	Within 10 working days from date of contractor turn-over
2 nd review – Rough Draft Lesson Plan(s); Instructor’s	Within 17 working days for a one day course, 34 working days for a two day course, 51 working days for	Within 15 working days for a one day course, 25 working days for a two day course,

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 7 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

notes; Presentations; Tests; Student guides/workbooks	a three day course of Government acceptance of Rough Draft	and 35 working days for a three day course from date of contractor turn-over
3 rd review (final) - Lesson Plan(s); Instructor's notes; Presentations; Tests; Student guides/workbooks	Within 15 days of Government acceptance of Final course materials	Within 15 working days from date of contractor turn-over

All course data (in all matters of form) developed, offered for instruction or revised under this contractor shall be the proprietary property of the US Government and shall therefore not be used for any other purpose other than expressly authorized by the provisions of this contract.

Work Specifications Applicable to: CLINS 8004 thru 8008; 8104 thru 8108; 8204 thru 8208; 8304 thru 8308; 8404 thru 8408

(b) Course Instruction -- Provide instructors to deliver Engineering Skill training Courses.

Classroom course instruction requirements (per year):

- Qty of ten (10) - 1 day course
- Qty of five (5) - 2 day courses
- Qty of two (2) - 3 day courses
- Qty of five (5) - 1 day shipboard training class
- Qty of two (2) - 2 day shipboard training class

Instructors shall use Government provided course training materials, where some courses will be created in house to include lesson plans, presentations, instructor notes, and student guides/workbooks to teach the technician engineering skill training courses.

Each class will consist of a maximum of forty (40) employees from Norfolk Naval Shipyard (NNSY). The on-site classroom location will be determined by NNSY.

Contractor shall provide two (2) personnel to deliver classroom instruction for each training course. The labor categories of these individuals shall either be a senior Engineering Technician and/or senior Engineer. Contractor personnel performing under this requirement shall have complete working knowledge of the system and course material being offered for instruction.

Personnel within these two labor categories are interchangeable at the discretion of the contractor.

Except for weekends or holidays, the training evolution should be consecutive but may be interrupted at the discretion of the contractor with NNSY concurrence.

Contractors are responsible for obtaining applicable security clearances for training onboard ships and submarines at NNSY and NOB.

Work Specifications applicable to: CLINS 8009 thru 8011; 8109 thru 8111; 8209 thru 8211; 8309 thru 8311; 8409 thru 8411

(c) Course Revisions -- Provide course maintenance including updating existing technical course materials including Lesson Plan, Instructor Notes, Presentation, and Student Guides/Workbooks.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 8 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

Contractor will be required to revise the training courses using the current Instructional Systems Design (ISD) techniques and produce course materials including lesson plans, presentations (Power Point and/or videos), instructor notes, and student guides/workbooks using Government compatible electronic file formats.

Course materials will be provided as specified below, to the Government for review during the following periods:

- (1) 1st Review: Lesson Plan, Instructor Notes, Presentations and Student Guides/Workbooks
- (2) Final Review: Lesson Plan, Instructor Notes, Presentations and Student Guides/ Workbooks

Revise 5% of the following Engineering Skills Training courses (per year):

- Qty of one (1) - 1 day courses
- Qty of one (1) - 2 day courses
- Qty of one (1) - 3 day courses

Contractor will incorporate requested changes to training material after each quarterly review cycle NTE the total courses given above.

The contractor will then have fifteen (15) days to implement the changes and resubmit these revisions for acceptance by NNSY.

The government will perform the reviews of the contractor's training materials and provide any corrective changes or recommendation for changes to the contractor for implementation.

Final deliverables will be proprietary to the US Government in an agreed upon electronic format which is editable by the Government.

(d) The below list of marine/mechanical systems have the potential to be used as the subject matter for developing, teaching and revising courses as described in **a**, **b** and **c**. Although this is a very extensive list it is not considered all inclusive, as new systems are being introduced through the navy's modernization process.

1.1 Fuel/Lube Oil Systems

- (a) Navy distillate
- (b) JP-5
- (c) Lube oil
- (d) Strainer shields (fuel oil)

1.2 Gaseous Systems

- (a) Air; high pressure, medium pressure, low pressure
- (b) Oxygen
- (c) Divers mixed gas (He/O2)
- (d) O2N2
- (e) Electronics Dry Air
- (f) Deballast Air

1.3 Hull Mechanical Components

- (a) Ammunition/missile handling including elevators, trolley tracks and hoists
- (b) Advanced Weapons Elevators

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 9 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	-----------------	-------

- (c) Armament and missile launching devices
 - (d) Hydraulic fluid systems and components
 - (e) Mechanically operated doors, gates, ramps, etc., including deck edge and hangar division doors
- 1.4 Below Deck Stowages
- (a) Missiles
 - (b) Ammunition
 - (c) General Cargo
 - (d) Refrigerated Cargo
- 1.5 Booms, Rigging and Handling Systems
- (a) Winches
 - (b) Kingposts
 - (c) Masts and Outrigging
 - (d) Boat Stowage
 - (e) Capstans, including electrical and hydraulic
 - (f) Anchor windlass
- 1.6 Transfer at Sea Systems
- (a) Fueling at Sea - rigging, fittings, and winches
 - (b) Replenishment at Sea – rigging, fittings, and winches
 - (c) Cranes, hoists and conveyors
- (d) Cargo handling and strip down
- 1.7 Structures, whose primary function is to create the antenna array
- 1.8 Foundations
- (a) Electronics equipment
 - (b) Auxiliary equipment
 - (c) Propulsion machinery
 - (d) Armament
 - (e) Electrical equipment
- 1.9 Hull Structural Modifications
- (a) Hull structural decks and bulkheads
 - (b) Deck houses
 - (c) Sponsons
 - (d) Hull penetrations (sea chest, accesses)

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 10 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- 1.10 Trunks, Tanks and Enclosures
 - (a) Internal hull tanks
 - (b) Submarine hard tanks
 - (c) Access trunks
 - (d) Sonar domes (structural modifications incidental to)
- 1.11 Propulsion (other than 1200 PSI)
 - (a) Boiler and system
 - (b) Automatic combustion/feed water control system
 - (c) Reboilers and waste heat boilers, systems and equipment
 - (d) Main steam, Main feed and condensate systems and associated equipment
 - (e) Forced Draft Blowers
 - (f) Gas Turbine Systems
 - (g) For CVN68 class – Main Steam, Reduced Pressure Steam, Condensate, Main Feed, Reserve Feed; Escape, Exhaust and Extraction, Fresh Water Drains, Low Pressure Steam Drain Collecting, Dirty Drains, Circ Wtr Systems
 - (h) For CVN78 class - Main Steam, Reduced Pressure Steam, Condensate, Main Feed (including DMTs), Reserve Feed; Escape, Exhaust and Extraction, Fresh Water Drains, Low Pressure Steam Drain Collecting, Dirty Drains, Circ Wtr Systems
 - (i) Boiler and Turbine stack intakes and uptakes
- 1.12 Climate Control and Refrigeration Plants and Systems
 - (a) Heating
 - (b) Ventilation
 - (c) Air Conditioning
 - (d) Refrigeration
 - (e) Chilled Water Systems
 - (f) Collective Protection Systems
 - (g) Freon systems
 - (h) A/C Sea Water Systems
- 1.13 Cooling water systems for electronic equipment.
- 1.14 General Arrangements, Outfit, and Furniture
 - (a) Living
 - (b) Commissary
 - (c) Sanitary

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 11 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- (d) Medical
- (e) Workshops
- (f) Utility
- (g) Laundry
- (i) Offices
- (j) Storerooms
- 1.15 Ship Control and Rescue Systems
 - (a) Steering, including rudders
 - (b) Diving (submarines)
 - (c) Trim (submarines)
 - (d) Rescue (submarines)
- 1.16 Miscellaneous Submarine Systems
 - (a) Air Revitalization
 - (b) Compressed Air
 - (c) Elevating and retracting gear (antennas, snorkel, etc.)
 - (d) Periscope
- 1.17 Surveillance, Fire Control & Navigation Systems
 - (a) Radar
 - (b) Sonar
 - (c) Fire Control
 - (d) Navigation
 - (e) Associated Network and Fiber Optic System Integration
- 1.18 Communication Systems
 - (a) Radio
 - (b) Ship's Telephone
 - (c) Integrated Announcing
 - (d) Ship's Indicating, Warning and Alarm Systems
 - (e) Teletype
 - (f) ECM, active/passive
 - (g) Switchboards
 - (h) Systems Interfaces (Network and Fiber Optic Systems)
- 1.19 Sewage Collection, Holding & Transfer (CHT) Systems

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 12 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- (a) Gravity CHT systems
- (b) Vacuum Collection, Holding & Transfer (VCHT) systems
- 1.20 Electrical Systems
 - (a) Ship's service power generation, control and indication
 - (b) Power distribution, switchboards and circuit breakers
 - (c) Lighting systems
 - (d) Power conversion equipment
 - (e) PLC electronic control systems
 - (f) Degaussing systems
- 1.21 Firefighting Systems
 - (a) Magazine sprinkler
 - (b) HALON 1301 fire fighting
 - (c) Aqueous film forming foam and dry chemical (AFFF/PKP) Machinery Space Fire fighting
 - (d) Deep Fat Fryer fire protection (Aqueous Potassium Carbonate)
- 1.22 Aircraft Support Systems
 - (a) Catapult, steam (to include cat steam, feed, drain, blowdown, trough heating, cat control air, etc.)
 - (b) Catapult, EMALS
 - (c) Jet Blast Deflectors
 - (d) Primary Flight (PRI-FLY) electrical control systems
 - (e) Arresting gear, hydraulic variant
 - (f) Arresting gear, AAG variant
 - (g) Aircraft Elevators
 - (h) Visual Landing Aids (including ILARTS and Glide Slope Indicator)
- 1.23 Main and Auxiliary Machinery
 - (a) Turbines (steam, gas) and controls
 - (b) Internal combustion engines (diesel systems)
 - (c) Condensers (main and SSTG) and feed and condensate system
 - (d) Distilling plants (to include Reverse Osmosis plants)
- 1.24 Miscellaneous Piping Systems
 - (a) Washdown Countermeasure Systems
 - (b) Potable Water Systems
 - (c) Drains, Vents, Deck Drains, and Plumbing

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 13 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

- (d) Auxiliary Steam and Drains
- (e) Seawater Cooling and Flushing

1.25 Virginia Class Submarine Specific Systems

- (a) Fly-By-Wire Ship Control Systems
- (b) Deep Submergence Systems

On-Site Classroom Accommodation: The Government shall furnish on-site classrooms accommodations to include the following items Reference (a) if the contractor does not hold a valid PKI certificate. A Naval Sea Systems Command (NAVSEA) message on March 6, 2006 announced the availability of GSO as a web-based module that can now be accessed at http://www.navy.mil/submit/display.asp?story_id=22864. References (b) through (e) are readily available on the World Wide Web. On-site classroom accommodations, projector, workstation, chairs, desks, and miscellaneous consumables necessary to accomplish this task shall be provided in time to support contractor performance of the identified work effort. The Government's Technical Lead (TL) will provide the above referenced equipment and shall be returned to the government TL upon completion of the task.

ADDITIONAL INFORMATION: Contractor personnel support of this task take place either at NNSY or the contractor's facility. All course instruction will be conducted at NNSY between the hours of 7:20 AM until 3:50 PM. Any deviations from these hours must be agreed upon in writing between the contractor and COR.

a. Resume Requirements: In order to ensure a prospective contractor has an appropriate understanding of the requirements of the solicitation, a resume shall be provided for the following key personnel:

Program Manager

b. Only Local Travel is authorized in support of this task.

c. Examples of the following two (2) previously developed courses are available in disk format along with Reference (f). Requests for a copy of this disk must be submitted to the Contract Specialist, Anjuné Ennis, at Norfolk Naval Shipyard, Bldg. 1500, 2nd Floor, Portsmouth, VA 23709-5000, to identify the following:

- NNSY Power Distribution for Carriers and Submarines (1 day course)
- NNSY Surface Ship Systems (2 day course)

Reference (f): NAVAL SHIPYARD TRAINING AND EDUCATION PROGRAM (NSTEP): Uniform Industrial Process Instruction 0880-450

d. Contractor personnel working under this task who are absent from the worksite in excess of 16 consecutive man-hours shall be replaced by contractor personnel possessing the same job skills including appropriate clearances and badges. During times of inclement weather conditions, the contractor, unless designated in the task order, is considered non-essential personnel and will follow the shipyard policy of reporting to work by checking NNSY information phone line 757-396-9551. The Contractor will verify with the technical lead during the Christmas curtailment period specific goals for accomplishing tasks as outlined in the specific delivery order.

TECHNICAL/ADMINISTRATIVE POINTS OF CONTACT:

COR Name: **SAMMY BROWN**
Address: NORFOLK NAVAL SHIPYARD
PORTSMOUTH, VA 23709-5000
Phone: 757-396-5049

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 14 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

ANJUNE ENNIS

Address: NAVSEA SERVICE CONTRACT DIVISION
NORFOLK NAVAL SHIPYARD
PORTSMOUTH, VA 23709-5000
Phone: 757-396-8364

SECURITY AND ACCESS REQUIREMENTS:

All references and deliverable items associated with this task are secret or below. Contractor employees must be U.S. citizens and shall have and maintain a secret clearance. A Shipyard badge and Common Access Card (CAC) will be obtained for unescorted entry to Norfolk Naval Shipyard, and access to the Shipyard computer network and Navy/Marine Corps Intranet (NMCI). Security Clearance information shall be submitted with contractor proposal. There are no other known requirements for access to restricted areas or information connected with the performance of this task.

QUALITY ASSURANCE: Work standards, warranties and quality program requirements are specified in the basic contract previously provided to the contractor. All other GFP shall be provided in time to support contractor performance of the work.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 15 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION D PACKAGING AND MARKING

NOT APPLICABLE

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 16 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION E INSPECTION AND ACCEPTANCE

QASP MATRIX

Primary Performance Objectives	Performance Standard/AQL	Performance Assessment Method
Contractor met the performance requirements of each individual task order.	0 to 100% CPARS scale	Gov't will assess this on a task order by task order basis and assess overall performance on annual CPARS.
The Contractor was able to meet the scope requirements.	0 to 100% CPARS scale	Gov't will assess this based on the types of tasking on annual CPARS.
The Contractor maintained close liaison and good communications with the Government including adequate notice when guidance or technical problems/conflicts arose.	0 to 100% CPARS scale	Gov't will assess this on a task order by task order basis and assess overall compliance at annual CPARS review.
DD250's were submitted as required in a timely matter.	0 to 100% CPARS scale	Gov't will track in database and assess periodically, with formal assessment at end of each Lot Year.
Invoices submitted did not list charges without including the applicable receipt.	0 to 100% CPARS scale	Gov't will track in database and assess periodically, with formal assessment at end of each Lot Year.
Monthly progress reports were submitted in a timely manner.	0 to 100% CPARS scale	Gov't will assess periodically, with formal assessment at end of each Lot Year.
Contractors attended weekly COR meetings knowledgeable about, and prepared to discuss each task's outstanding deliverable items.	0 to 100% CPARS scale	Gov't will assess periodically, with formal assessment at end of each Lot Year.
The Contractor was effective in controlling costs.	0 to 100% CPARS scale	Gov't will assess periodically, with formal assessment at end of each Lot Year.
The Contractor complied with the guidance and requirements.	0 to 100% CPARS scale	Gov't will assess this on a task order by task order basis and assess overall compliance at annual CPARS review.
The Contractor was able to provide skilled personnel in each labor category when required.	0 to 100% CPARS scale	Gov't will assess this on a task order by task order basis and assess overall compliance at annual CPARS review.
The Contractor controlled employee Shipyard badges when employee was not actively employed on this contract's work.	0 to 100% CPARS scale	The COR will conduct periodic floor checks.
Task Order Reports were submitted on time.	0 to 100% CPARS scale	Gov't Task Leader will check for conformity when submittals are checked.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 17 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

The Contractor maintained close liaison and good communications between various technical disciplines within their organizations	0 to 100% CPARS scale	Gov't will assess this on a task order by task order basis and assess overall compliance at annual CPARS review.
The Contractor provided a technically knowledgeable point of contact.	0 to 100% CPARS scale	Gov't Task Leader will evaluate.
Contractor conformed to Quality Assurance requirements	0 to 100% CPARS scale	Gov't Task Leader will check for conformity.

CPARs scale:

100% = Excellent
90% = Very Good
80% = Satisfactory
70% = Marginal 5
50% = UNSAT

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 18 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION F DELIVERABLES OR PERFORMANCE

The periods of performance for the following Items are as follows:

8001	2/9/2015 - 2/8/2016
8002	2/9/2015 - 2/8/2016
8003	2/9/2015 - 2/8/2016
8004	2/9/2015 - 2/8/2016
8005	2/9/2015 - 2/8/2016
8006	2/9/2015 - 2/8/2016
8007	2/9/2015 - 2/8/2016
8008	2/9/2015 - 2/8/2016
8009	2/9/2015 - 2/8/2016
8010	2/9/2015 - 2/8/2016
8011	2/9/2015 - 2/8/2016
8012	6/8/2015 - 2/8/2016
8101	2/9/2016 - 2/8/2017
8102	2/9/2016 - 2/8/2017
8103	2/9/2016 - 2/8/2017
8104	2/9/2016 - 2/8/2017
8105	2/9/2016 - 2/8/2017
8106	2/9/2016 - 2/8/2017
8107	2/9/2016 - 2/8/2017
8108	2/9/2016 - 2/8/2017
8109	2/9/2016 - 2/8/2017
8110	2/9/2016 - 2/8/2017
8111	2/9/2016 - 2/8/2017
8112	2/9/2016 - 2/8/2017

CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following Items are as follows:

8001	2/09/2015 - 2/08/2016
8002	2/09/2015 - 2/08/2016
8003	2/09/2015 - 2/08/2016
8004	2/09/2015 - 2/08/2016
8005	2/09/2015 - 2/08/2016
8006	2/09/2015 - 2/08/2016
8007	2/09/2015 - 2/08/2016
8008	2/09/2015 - 2/08/2016
8009	2/09/2015 - 2/08/2016
8010	2/09/2015 - 2/08/2016
8011	2/09/2015 - 2/08/2016

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 19 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

The periods of performance for the following Option Items are as follows:

8101	2/09/2016 - 2/08/2017
8102	2/09/2016 - 2/08/2017
8103	2/09/2016 - 2/08/2017
8104	2/09/2016 - 2/08/2017
8105	2/09/2016 - 2/08/2017
8106	2/09/2016 - 2/08/2017
8107	2/09/2016 - 2/08/2017
8108	2/09/2016 - 2/08/2017
8109	2/09/2016 - 2/08/2017
8110	2/09/2016 - 2/08/2017
8111	2/09/2016 - 2/08/2017
8201	2/09/2017 - 2/08/2018
8202	2/09/2017 - 2/08/2018
8203	2/09/2017 - 2/08/2018
8204	2/09/2017 - 2/08/2018
8205	2/09/2017 - 2/08/2018
8206	2/09/2017 - 2/08/2018
8207	2/09/2017 - 2/08/2018
8208	2/09/2017 - 2/08/2018
8209	2/09/2017 - 2/08/2018
8210	2/09/2017 - 2/08/2018
8211	2/09/2017 - 2/08/2018
8301	2/09/2018 - 2/08/2019
8302	2/09/2018 - 2/08/2019
8303	2/09/2018 - 2/08/2019
8304	2/09/2018 - 2/08/2019
8305	2/09/2018 - 2/08/2019
8306	2/09/2018 - 2/08/2019
8307	2/09/2018 - 2/08/2019
8308	2/09/2018 - 2/08/2019
8309	2/09/2018 - 2/08/2019
8310	2/09/2018 - 2/08/2019
8311	2/09/2018 - 2/08/2019
8401	2/09/2019 - 2/08/2020
8402	2/09/2019 - 2/08/2020
8403	2/09/2019 - 2/08/2020
8404	2/09/2019 - 2/08/2020
8405	2/09/2019 - 2/08/2020
8406	2/09/2019 - 2/08/2020
8407	2/09/2019 - 2/08/2020
8408	2/09/2019 - 2/08/2020

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 20 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

8409	2/09/2019 - 2/08/2020
8410	2/09/2019 - 2/08/2020
8411	2/09/2019 - 2/08/2020

Services to be performed hereunder will be provided at Norfolk Naval Shipyard (NNSY), Norfolk Naval Station (NOB), or Contractor's Facility.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 21 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION G CONTRACT ADMINISTRATION DATA

CONTRACT ADMINISTRATION PLAN (CAP)

FOR FIXED PRICE CONTRACTS

In order to expedite the administration of this contract, the following delineation of duties is provided. The names, addresses and phone numbers for these offices or individuals are included elsewhere in the contract award document. The office or individual designated as having responsibility should be contacted for any questions, clarifications, or information regarding the administration function assigned.

1. The Procuring Contract Office (PCO) is responsible for:
 - a. All pre-award duties such as solicitation, negotiation and award of contracts.
 - b. Any information or questions during the pre-award stage of the procurement.
 - c. Freedom of Information inquiries.
 - d. Changes in contract terms and/or conditions.
 - e. Post award conference.
2. The Contract Administration Office (CAO) is responsible for matters specified in the FAR 42.302 and DFARS 42.302 except those areas otherwise designated as the responsibility of the Contracting Officer's Representative (COR) or someone else herein.
3. The paying office is responsible for making payment of proper invoices after acceptance is documented.
4. The Contracting Officer's Representative (COR) is responsible for interface with the contractor and performance of duties such as those set forth below. It is emphasized that only the PCO/CAO has the authority to modify the terms of the contract. In no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic contract between the contractor and any other person be effective or binding on the Government. If in the opinion of the contractor an effort outside the scope of the contract is requested, the contractor shall promptly notify the PCO in writing. No action may be taken by the contractor unless the PCO or CAO has issued a contractual change. The COR duties are as follows:
 - a. Technical Interface
 - (1) The COR is responsible for all Government technical interface concerning the contractor and furnishing technical instructions to the contractor. These instructions may include: technical advice/recommendations/clarifications of specific details relating to technical aspects of contract requirements; milestones to be met within the general terms of the contract or specific subtasks of the contract; or, any other interface of a technical nature necessary for the contractor to perform the work specified in the contract. The COR is the point of contact through whom the contractor can relay questions and problems of a technical nature to the PCO.
 - (2) The COR is prohibited from issuing any instruction which would constitute a contractual change. The COR shall not instruct the contractor how to perform. If there is any doubt whether technical instructions contemplated fall within the scope of work, contact the PCO for guidance before transmitting the instructions to the contractor.
 - b. Contract Surveillance
 - (1) The COR shall monitor the contractor's performance and progress under the contract. In performing contract surveillance duties, the COR should exercise extreme care to ensure that he/she does not cross the line of personal services. The COR must be able to distinguish between surveillance (which is proper and necessary) and supervision (which is not permitted). Surveillance becomes supervision when you go beyond enforcing the terms of the contract. If the contractor is directed to perform the contract services in a specific manner, the line is being crossed. In such a situation, the COR's actions would be equivalent to using the contractor's personnel as if they were government employees and would constitute transforming the contract into one for personal

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 22 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

services.

(2) The COR shall monitor contractor performance to see that inefficient or wasteful methods are not being used. If such practices are observed, the COR is responsible for taking reasonable and timely action to alert the contractor and the PCO to the situation.

(3) The COR will take timely action to alert the PCO to any potential performance problems. If performance schedule slippage is detected, the COR should determine the factors causing the delay and report them to the PCO, along with the contractor's proposed actions to eliminate or overcome these factors and recover the slippage. Once a recovery plan has been put in place, the COR is responsible for monitoring the recovery and keeping the PCO advised of progress.

(4) If the Contractor Performance Assessment Reporting System (CPARS) is applicable to the contract you are responsible for completing a Contractor Performance Assessment Report (CPAR) in the CPARS Automated Information System (AIS). The initial CPAR, under an eligible contract, must reflect evaluation of at least 180 days of contractor performance. The completed CPAR, including contractor comments if any, (NOTE: contractors are allowed 30 days to input their comments) should be available in the CPARS AIS for reviewing official (PCO) review no later than 270 days after start of contract performance. Subsequent CPARs covering any contract option periods should be ready at 1-year intervals thereafter.

c. Invoice Review and Approval/Inspection and Acceptance

(1) The COR is responsible for quality assurance of services performed and acceptance of the services or deliverables. The COR shall expeditiously review copies of the contractor's invoices or vouchers, certificate of performance and all other supporting documentation to determine the reasonableness of the billing. In making this determination, the COR must take into consideration all documentary information available and any information developed from personal observations.

(2) The COR must indicate either complete or partial concurrence with the contractor's invoice/voucher by executing the applicable certificate of performance furnished by the contractor. The COR must be cognizant of the invoicing procedures and prompt payment due dates detailed elsewhere in the contract.

(3) The COR will provide the PCO and the CAO with copies of acceptance documents such as Certificates of Performance.

(4) The COR shall work with the Contractor to obtain and execute a final invoice no more than 60 days after completion of contract performance. The COR shall ensure that the invoice is clearly marked as a "Final Invoice."

d. Contract Modifications. The COR is responsible for developing the statement of work for change orders or modifications and for preparing an independent government cost estimate of the effort described in the proposed statement of work.

e. Administrative Duties

(1) The COR shall take appropriate action on technical correspondence pertaining to the contract and for maintaining files on each contract. This includes all modifications, government cost estimates, contractor invoices/vouchers, certificates of performance, DD 250 forms and contractor's status reports.

(2) The COR shall maintain files on all correspondence relating to contractor performance, whether satisfactory or unsatisfactory, and on trip reports for all government personnel visiting the contractor's place of business for the purpose of discussing the contract.

(3) The COR must take prompt action to provide the PCO with any contractor or technical code request for change, deviation or waiver, along with any supporting analysis or other required documentation.

f. Government Furnished Property. When government property is to be furnished to the contractor, the COR will take the necessary steps to insure that it is furnished in a timely fashion and in proper condition for use. The COR will maintain adequate records to ensure that property furnished is returned and/or that material has been consumed in the performance of work.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 23 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

g. Security. The COR is responsible for ensuring that any applicable security requirements are strictly adhered to.

h. Standards of Conduct. The COR is responsible for reading and complying with all applicable agency standards of conduct and conflict of interest instructions.

i. Written Report/Contract Completion Statement.

(1) The COR is responsible for timely preparation and submission to the PCO, of a written, annual evaluation of the contractors performance. The report shall be submitted within 30 days prior to the exercise of any contract option and 60 days after contract completion. The report shall include a written statement that services were received in accordance with the Contract terms and that the contract is now available for close-out. The report shall also include a statement as to the use made of any deliverables furnished by the contractor.

(2) If the Contractor Performance Assessment Reporting System (CPARS) is applicable to the contract you are responsible for completing a final Contractor Performance Assessment Report (CPAR) in the CPARS with 30 days of contract completion.

(3) The COR is responsible for providing necessary assistance to the Contracting Officer in performing Contract Close-out in accordance with FAR 4.804, Closeout of Contract Files.

5. The Technical Assistant (TA), if appointed, is responsible for providing routine administration and monitoring assistance to the COR. The TA does not have the authority to provide any technical direction or clarification to the contract. Duties that may be performed by the TA are as follows:

- a. Identify contractor deficiencies to the COR.
- b. Review contract deliverables, recommend acceptance/rejection, and provide the COR with documentation to support the recommendation.
- c. Assist in preparing the final report on contractor performance for the applicable contract in accordance with the format and procedures prescribed by the COR.
- d. Identify contract noncompliance with reporting requirements to the COR.
- e. Review contractor status and progress reports, identify deficiencies to the COR, and provide the COR with recommendations regarding acceptance, rejection, and/or Government technical clarification requests.
- f. Review invoices and provide the COR with recommendations to facilitate COR certification of the invoice.
- g. Provide the COR with timely input regarding technical clarifications for the statement of work, possible technical direction to provide the contractor, and recommend corrective actions.
- h. Provide detailed written reports of any trip, meeting, or conversation to the COR subsequent to any interface between the TA and contractor.

Accounting Data

SLINID	PR Number	Amount
8001	N4215815RC50090	45081.00
LLA :		
AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP		
Standard Number: N4215815RC50090		
8002	N4215815RC50090	30055.00
LLA :		

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 24 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8003 N4215815RC50090 45082.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8004 N4215815RC50090 8590.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8005 N4215815RC50090 8585.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8006 N4215815RC50090 5152.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8007 N4215815RC50090 8585.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

800801 N4215815RC50090 1370.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

BASE Funding 152500.00

Cumulative Funding 152500.00

MOD 01

800801 N4215815RC50090 5500.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8009 N4215815RC50090 3757.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8010 N4215815RC50090 7514.00

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8011 N4215815RC50090 10085.13

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8012 N4215815RC50090 1184.87

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

MOD 01 Funding 28041.00

Cumulative Funding 180541.00

MOD 02

8001 N4215815RC50090 15458.00

LLA :

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-14-D-8009	FK01	05	25 of 35	

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8004 N4215815RC50090 (3436.00)

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8006 N4215815RC50090 (5152.00)

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

800801 N4215815RC50090 (6870.00)

LLA :

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Standard Number: N4215815RC50090

8011 N4215815RC50090 (5924.35)

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

8012 N4215815RC50090 5924.35

LLA :

AA 1751804 60BA 257 42158 068732 2D C50090 421585N41KKP
Standard Number: N4215815RC50090

MOD 02 Funding 0.00
Cumulative Funding 180541.00

MOD 03 Funding 0.00
Cumulative Funding 180541.00

MOD 04

8101 N4215816RC60413 46434.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

8102 N4215816RC60413 30956.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

8103 N4215816RC60413 46434.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

8104 N4215816RC60413 8840.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

8105 N4215816RC60413 8845.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

8106 N4215816RC60413 5306.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

8107 N4215816RC60413 8845.00

LLA :

AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
Standard Number: N4215816RC60413

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
N00178-14-D-8009	FK01	05	26 of 35	

8108 N4215816RC60413 7076.00
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8109 N4215816RC60413 3870.00
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8110 N4215816RC60413 7739.00
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8111 N4215816RC60413 9168.17
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8112 N4215816RC60413 2440.83
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

MOD 04 Funding 185954.00
 Cumulative Funding 366495.00

MOD 05

8103 N4215816RC60413 (46434.00)
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8109 N4215816RC60413 47601.00
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8110 N4215816RC60413 7739.00
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

8111 N4215816RC60413 (9168.17)
 LLA :
 AB 1761804 60BA 257 42158 068732 2D C60413 421586N41KKP
 Standard Number: N4215816RC60413

MOD 05 Funding -262.17
 Cumulative Funding 366232.83

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 27 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION H SPECIAL CONTRACT REQUIREMENTS

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (JUN 2012)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through

WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

2 IN 1

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

N42158

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N00189
Admin DoDAAC	

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 28 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

Inspect By DoDAAC	
Ship To Code	
Ship From Code	
Mark For Code	
Service Approver (DoDAAC)	
Service Acceptor (DoDAAC)	N42158
Accept at Other DoDAAC	
LPO DoDAAC	
DCAA Auditor DoDAAC	
Other DoDAAC(s)	

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

INVOICE CERTIFIER: Sammy Brown, Phone# (757) 396-5049

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

NOT APPLICABLE – CONTACT HELP DESK

(2) For technical WAWF help, contact the WAWF helpdesk:

"Option 6" on the DFAS Customer Care Line: 800 756-4571

CCL-EC-NAVY-WAWF-HELPDESK@dfas.mil

(End of clause)

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 29 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION I CONTRACT CLAUSES

09RA 52.217-9 -- OPTION TO EXTEND THE TERM OF THE CONTRACT. (MAR 2008)

- (a) The Government may extend the term of this contract by written notice to the Contractor within 1 days prior to completion of the base period; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 1 day before the contract expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended contract shall be considered to include this option clause.
- (c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed sixty-six (66) months.

52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within one (1) day prior to contract expiration.

(End of clause)

252.232-7010 LEVIES ON CONTRACT PAYMENTS (DEC 2006)

- (a) 26 U.S.C. 6331(h) authorizes the Internal Revenue Service (IRS) to continuously levy up to 100 percent of contract payments, up to the amount of tax debt.
- (b) When a levy is imposed on a payment under this contract and the Contractor believes that the levy may result in an inability to perform the contract, the Contractor shall promptly notify the Procuring Contracting Officer in writing, with a copy to the Administrative Contracting Officer, and shall provide--
- (1) The total dollar amount of the levy;
 - (2) A statement that the Contractor believes that the levy may result in an inability to perform the contract, including rationale and adequate supporting documentation; and
 - (3) Advice as to whether the inability to perform may adversely affect national security, including rationale and adequate supporting documentation.
- (c) DoD shall promptly review the Contractor's assessment, and the Procuring Contracting Officer shall provide a written notification to the Contractor including--
- (1) A statement as to whether DoD agrees that the levy may result in an inability to perform the contract; and
 - (2)(i) If the levy may result in an inability to perform the contract and the lack of performance will adversely affect national security, the total amount of the monies collected that should be returned to the Contractor; or
 - (ii) If the levy may result in an inability to perform the contract but will not impact national security, a recommendation that the Contractor promptly notify the IRS to attempt to resolve the tax situation.
- (d) Any DoD determination under this clause is not subject to appeal under the Contract Disputes Act.

(End of clause)

Additional security guidance associated with block 13 of the DD Form 254 (Dec 1999)

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 30 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

This contract is solely to perform labor. The areas to be accessed may contain Naval Nuclear Propulsion Information (NNPI) that cannot be sanitized. Escorting of each employee is not an option within the spaces. In addition to security clearance requirements, all contractor personnel under this contract requiring access must be verified as being US Citizen and have a final DOD security clearance (classified contracts only). Only those verified as being United States Citizen shall be employed under this contract with a final DOD security clearance level (classified contracts only).

CONTRACT CLAUSE FOR PROTECTION OF NAVAL NUCLEAR PROPULSION INFORMATION

During the performance of this contract Naval Nuclear Propulsion Information (NNPI) or Unclassified Naval Nuclear Propulsion (U-NNPI) may be developed or used. Appropriate safeguards must be proposed by the contractor and provided to the Contracting Officer for Security for the safeguarding from actual, potential or inadvertent release of classified or unclassified NNPI in any form by the contractor or any subcontractor. These safeguards shall ensure that access to NNPI is limited to those governmental and contractor parties, including subcontractors, that have an established need to know, and then only under conditions which assure that the information is properly protected. Access by foreign nationals or representatives of foreign interests is prohibited. In addition, any unauthorized issuance of this information shall be brought to the attention of the Contracting Officer for Security. In the event of any litigation, subpoenas, or requests that may result in the release of NNPI the Contracting Officer for Security will be notified. In the event this notification and review is impracticable, the contractor agrees to take all necessary steps to notify the court or administrative body of the Navy's interest in the release of such information.

The Contracting Agency reserves the right to audit contractor facilities for compliance with the above restrictions. Exceptions to these requirements may only be obtained with prior approval from the Commander, Naval Sea Systems Command (SEA/04).

In the event NNPI is found unattended while performing work, the contractor will turn the NNPI or U-NNPI over to Ship force or a Norfolk Naval Shipyard employee. NNPI can be readily identified by the word "NOFORN" stamped at the top and bottom of all pages. Under no circumstances is the NNPI to be removed from the work site unless the contract requires that be done.

52.225-25 Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran--Representation and Certifications. (DEC 2012)

(a) Definitions. As used in this provision--

Person--

(1) Means--

(i) A natural person;

(ii) A corporation, business association, partnership, society, trust, financial institution, insurer, underwriter, guarantor, and any other business organization, any other nongovernmental entity, organization, or group, and any governmental entity operating as a business enterprise; and

(iii) Any successor to any entity described in paragraph (1)(ii) of this definition; and

(2) Does not include a government or governmental entity that is not operating as a business enterprise.

Sensitive technology--

(1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically--

(i) To restrict the free flow of unbiased information in Iran; or

(ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 31 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

(2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act (50 U.S.C. 1702(b)(3)).

(b) The offeror shall email questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(c) Except as provided in paragraph (d) of this provision or if a waiver has been granted in accordance with 25.703-4, by submission of its offer, the offeror—

(1) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;

(2) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act. These sanctioned activities are in the areas of development of the petroleum resources of Iran, production of refined petroleum products in Iran, sale and provision of refined petroleum products to Iran, and contributing to Iran's ability to acquire or develop certain weapons or technologies; and

(3) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,000 with Iran's Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) (see OFAC's Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/t11sdn.pdf>).

(d) Exception for trade agreements. The representation requirement of paragraph (c)(1) and the certification requirements of paragraphs (c)(2) and (c)(3) of this provision do not apply if—

(1) This solicitation includes a trade agreements notice or certification (e.g., 52.225-4, 52.225-6, 52.225-12, 52.225-24, or comparable agency provision); and

(2) The offeror has certified that all the offered products to be supplied are designated country end products or designated country construction material.

(End of provision)

5252.204-9400 Contractor Unclassified Access to Federally Controlled Facilities, Sensitive Information, Information Technology (IT) Systems or Protected Health Information (July 2013)

Homeland Security Presidential Directive (HSPD)-12, requires government agencies to develop and implement Federal security standards for Federal employees and contractors. The Deputy Secretary of Defense Directive-Type Memorandum (DTM) 08-006 – “DoD Implementation of Homeland Security Presidential Directive – 12 (HSPD-12)” dated November 26, 2008 (or its subsequent DoD instruction) directs implementation of HSPD-12. This clause is in accordance with HSPD-12 and its implementing directives.

APPLICABILITY

This clause applies to contractor employees requiring physical access to any area of a federally controlled base, facility or activity and/or requiring access to a DoN or DoD computer/network/system to perform certain unclassified sensitive duties. This clause also applies to contractor employees who access Privacy Act and Protected Health Information, provide support associated with fiduciary duties, or perform duties that have been identified by DON as National Security Position, as advised by the command security manager. It is the responsibility of the responsible security officer of the command/facility where the work is performed to ensure compliance.

Each contractor employee providing services at a Navy Command under this contract is required to obtain a Department of Defense Common Access Card (DoD CAC). Additionally, depending on the level of

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 32 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

computer/network access, the contract employee will require a successful investigation as detailed below.

ACCESS TO FEDERAL FACILITIES

Per HSPD-12 and implementing guidance, all contractor employees working at a federally controlled base, facility or activity under this clause will require a DoD CAC. When access to a base, facility or activity is required contractor employees shall in-process with the Navy Command's Security Manager upon arrival to the Navy Command and shall out-process prior to their departure at the completion of the individual's performance under the contract.

ACCESS TO DOD IT SYSTEMS

In accordance with SECNAV M-5510.30, contractor employees who require access to DoN or DoD networks are categorized as IT-I, IT-II, or IT-III. The IT-II level, defined in detail in SECNAV M-5510.30, includes positions which require access to information protected under the Privacy Act, to include Protected Health Information (PHI). All contractor employees under this contract who require access to Privacy Act protected information are therefore categorized no lower than IT-II. IT Levels are determined by the requiring activity's Command Information Assurance Manager. Contractor employees requiring privileged or IT-I level access, (when specified by the terms of the contract) require a Single Scope Background Investigation (SSBI) which is a higher level investigation than the National Agency Check with Law and Credit (NACLC) described below. Due to the privileged system access, a SSBI suitable for High Risk public trusts positions is required. Individuals who have access to system control, monitoring, or administration functions (e.g. system administrator, database administrator) require training and certification to Information Assurance Technical Level 1, and must be trained and certified on the Operating System or Computing Environment they are required to maintain.

Access to sensitive IT systems is contingent upon a favorably adjudicated background investigation. When access to IT systems is required for performance of the contractor employee's duties, such employees shall in-process with the Navy Command's Security Manager and Information Assurance Manager upon arrival to the Navy command and shall out-process prior to their departure at the completion of the individual's performance under the contract. Completion and approval of a System Authorization Access Request Navy (SAAR-N) form is required for all individuals accessing Navy Information Technology resources. The decision to authorize access to a government IT system/network is inherently governmental. The contractor supervisor is not authorized to sign the SAAR-N; therefore, the government employee with knowledge of the system/network access required or the COR shall sign the SAAR-N as the "supervisor".

The SAAR-N shall be forwarded to the Navy Command's Security Manager at least 30 days prior to the individual's start date. Failure to provide the required documentation at least 30 days prior to the individual's start date may result in delaying the individual's start date.

When required to maintain access to required IT systems or networks, the contractor shall ensure that all employees requiring access complete annual Information Assurance (IA) training, and maintain a current requisite background investigation. The Contractor's Security Representative shall contact the Command Security Manager for guidance when reinvestigations are required.

INTERIM ACCESS

The Navy Command's Security Manager may authorize issuance of a DoD CAC and interim access to a DoN or DoD unclassified computer/network upon a favorable review of the investigative questionnaire and advance favorable fingerprint results. When the results of the investigation are received and a favorable determination is not made, the contractor employee working on the contract under interim access will be denied access to the computer network and this denial will not relieve the contractor of his/her responsibility to perform.

DENIAL OR TERMINATION OF ACCESS

The potential consequences of any requirement under this clause including denial or termination of physical or system access in no way relieves the contractor from the requirement to execute performance under the contract within the timeframes specified in the contract. Contractors shall plan ahead in processing their employees and subcontractor employees. The contractor shall insert this clause in all subcontracts when the subcontractor is permitted to have unclassified access to a federally controlled facility, federally-controlled information system/network and/or to government information, meaning information not authorized for public release.

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 33 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

CONTRACTOR'S SECURITY REPRESENTATIVE

The contractor shall designate an employee to serve as the Contractor's Security Representative. Within three work days after contract award, the contractor shall provide to the requiring activity's Security Manager and the Contracting Officer, in writing, the name, title, address and phone number for the Contractor's Security Representative. The Contractor's Security Representative shall be the primary point of contact on any security matter. The Contractor's Security Representative shall not be replaced or removed without prior notice to the Contracting Officer and Command Security Manager.

BACKGROUND INVESTIGATION REQUIREMENTS AND SECURITY APPROVAL PROCESS FOR CONTRACTORS ASSIGNED TO NATIONAL SECURITY POSITIONS OR PERFORMING SENSITIVE DUTIES

Navy security policy requires that all positions be given a sensitivity value based on level of risk factors to ensure appropriate protective measures are applied. Navy recognizes contractor employees under this contract as Non-Critical Sensitive [ADP/IT-II] when the contract scope of work require physical access to a federally controlled base, facility or activity and/or requiring access to a DoD computer/network, to perform unclassified sensitive duties. This designation is also applied to contractor employees who access Privacy Act and Protected Health Information (PHI), provide support associated with fiduciary duties, or perform duties that have been identified by DON as National Security Positions. At a minimum, each contractor employee must be a US citizen and have a favorably completed NACLIC to obtain a favorable determination for assignment to a non-critical sensitive or IT-II position. The NACLIC consists of a standard NAC and a FBI fingerprint check plus law enforcement checks and credit check. Each contractor employee filling a non-critical sensitive or IT-II position is required to complete:

- SF-86 Questionnaire for National Security Positions (or equivalent OPM investigative product)
- Two FD-258 Applicant Fingerprint Cards (or an electronic fingerprint submission)
- Original Signed Release Statements

Failure to provide the required documentation at least 30 days prior to the individual's start date shall result in delaying the individual's start date. Background investigations shall be reinitiated as required to ensure investigations remain current (not older than 10 years) throughout the contract performance period. The Contractor's Security Representative shall contact the Command Security Manager for guidance when reinvestigations are required.

Regardless of their duties or IT access requirements ALL contractor employees shall in-process with the Navy Command's Security Manager upon arrival to the Navy command and shall out-process prior to their departure at the completion of the individual's performance under the contract. Employees requiring IT access shall also check-in and check-out with the Navy Command's Information Assurance Manager. Completion and approval of a System Authorization Access Request Navy (SAAR-N) form is required for all individuals accessing Navy Information Technology resources. The SAAR-N shall be forwarded

to the Navy Command's Security Manager at least 30 days prior to the individual's start date. Failure to provide the required documentation at least 30 days prior to the individual's start date shall result in delaying the individual's start date.

The contractor shall ensure that each contract employee requiring access to IT systems or networks complete annual Information Assurance (IA) training, and maintain a current requisite background investigation. Contractor employees shall accurately complete the required investigative forms prior to submission to the Navy Command Security Manager. The Navy Command's Security Manager will review the submitted documentation for completeness prior to submitting it to the Office of Personnel Management (OPM). Suitability/security issues identified by the Navy may render the contractor employee ineligible for the assignment. An unfavorable determination made by the Navy is final (subject to SF-86 appeal procedures) and such a determination does not relieve the contractor from meeting any contractual obligation under the contract. The Navy Command's Security Manager will forward the required forms to OPM for processing. Once the investigation is complete, the results will be forwarded by OPM to the DON Central Adjudication Facility (CAF) for a determination.

If the contractor employee already possesses a current favorably adjudicated investigation, the contractor shall submit a Visit Authorization Request (VAR) via the Joint Personnel Adjudication System (JPAS) or a hard copy VAR

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 34 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

directly from the contractor's Security Representative. Although the contractor will take JPAS "Owning" role over the contractor employee, the Navy Command will take JPAS "Servicing" role over the contractor employee during the hiring process and for the duration of assignment under that contract. The contractor shall include the IT Position Category per SECNAV M-5510.30 for each employee designated on a VAR. The VAR requires annual renewal for the duration of the employee's performance under the contract.

BACKGROUND INVESTIGATION REQUIREMENTS AND SECURITY APPROVAL PROCESS FOR CONTRACTORS ASSIGNED TO OR PERFORMING NON-SENSITIVE DUTIES

Contractor employee whose work is unclassified and non-sensitive (e.g., performing certain duties such as lawn maintenance, vendor services, etc ...) and who require physical access to publicly accessible areas to perform those duties shall meet the following minimum requirements:

- Must be either a US citizen or a US permanent resident with a minimum of 3 years legal residency in the United States (as required by The Deputy Secretary of Defense DTM 08-006 or its subsequent DoD instruction) and
- Must have a favorably completed National Agency Check with Written Inquiries (NACI) including a FBI fingerprint check prior to installation access.

To be considered for a favorable trustworthiness determination, the Contractor's Security Representative must submit for all employees each of the following:

- SF-85 Questionnaire for Non-Sensitive Positions
- Two FD-258 Applicant Fingerprint Cards (or an electronic fingerprint submission)
- Original Signed Release Statements

The contractor shall ensure each individual employee has a current favorably completed National Agency Check with Written Inquiries (NACI) or ensure successful FBI fingerprint results have been gained and investigation has been processed with OPM

Failure to provide the required documentation at least 30 days prior to the individual's start date may result in delaying the individual's start date.

* Consult with your Command Security Manager and Information Assurance Manager for local policy when IT-III (non-sensitive) access is required for non-US citizens outside the United States.

5252.232-9400 LIMITATION OF LIABILITY – INCREMENTAL FUNDING (Jan 1992)

This contract is incrementally funded and the amount currently available for payment hereunder is limited to \$180,541.00. It is estimated that these funds will cover the cost of performance through 09 November 2015. Subject to the provisions of the clause entitled "Limitation of Funds" FAR 52.232-22 of the General Provisions of this contract, no legal liability on the part of the Government for payment in excess of \$180,541.00 shall arise unless additional funds are made available and are incorporated as a modification to this contract.

(End of Clause)

CONTRACT NO. N00178-14-D-8009	DELIVERY ORDER NO. FK01	AMENDMENT/MODIFICATION NO. 05	PAGE 35 of 35	FINAL
----------------------------------	----------------------------	----------------------------------	------------------	-------

SECTION J LIST OF ATTACHMENTS

Past Performance Information Form

Program Manager for Engineering Skill Training

Contractor Performance Customer Input Sheet Questionnaire