

SOLICITATION, OFFER AND AWARD		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING	PAGE 1 OF 23 PAGES
2. CONTRACT NUMBER	3. SOLICITATION NUMBER N00173-07-R-JK01	4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	5. DATE ISSUED 12/22/2006	6. REQUISITION/PURCHASE NUMBER 57-7001-07	
7. ISSUED BY Naval Research Laboratory Contracting Division, Code 322.JK 4555 Overlook Ave. SW Washington, DC 20375-5326		CODE N00173	8. ADDRESS OFFER TO (If other than Item 7)		

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION

9. Sealed offers in original and 3 copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in Bldg. 222, Rm. 115 until 4:00 pm local time 1/22/2007
(Hour) (Date)

CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR INFORMATION CALL:	A. NAME Janiece Shall	B. TELEPHONE (NO COLLECT CALLS)		C. E-MAIL ADDRESS Janiece.Shall@nrl.navy.mil
		AREA CODE 202	NUMBER 767-3710	EXT.

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OFFER (Must be fully completed by offeror)

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 52.232-8)	10 CALENDAR DAYS (%)	20 CALENDAR DAYS (%)	30 CALENDAR DAYS (%)	CALENDAR DAYS (%)
14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):	AMENDMENT NO.	DATE	AMENDMENT NO.	DATE

15A. NAME AND ADDRESS OF OFFEROR	CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)
15B. TELEPHONE NUMBER AREA CODE NUMBER EXT.	15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE. <input type="checkbox"/>		17. SIGNATURE
			18. OFFER DATE

AWARD (To be completed by Government)

19. ACCEPTED AS TO ITEMS NUMBERED	20. AMOUNT	21. ACCOUNTING AND APPROPRIATION
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: <input type="checkbox"/> 10 U.S.C. 2304(c)) <input type="checkbox"/> 41 U.S.C. 253(c) ()		23. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)
24. ADMINISTERED BY (If other than Item 7) CODE	25. PAYMENT WILL BE MADE BY CODE	
26. NAME OF CONTRACTING OFFICER (Type or print)	27. UNITED STATES OF AMERICA (Signature of Contracting Officer)	28. AWARD DATE

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

**PART I - THE SCHEDULE
SECTION B
SUPPLIES OR SERVICES AND PRICES/COSTS**

B-1 SUPPLIES/SERVICES AND COSTS

ITEM NUMBER	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	ESTIMATED COST PLUS FIXED FEE
0001	The Contractor shall perform the Labor, Engineering, Research and Technical Services for EW Simulation and Modeling as described in Section C.	\$	\$	\$
0002	Data in accordance with Exhibit A (DD 1423)	* NSP	* NSP	* NSP
TOTAL ESTIMATED COST PLUS FIXED FEE			\$	\$

* *Not Separately Priced*

NOTICE TO OFFERORS: In addition to inserting the estimated cost and fixed fee for the base year above, the estimated cost and fixed fee for each optional extension of the term of the contract are to be inserted in Section H.

**SECTION C
DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK**

C-1 STATEMENT OF WORK

The work and services to be performed hereunder shall be subject to the requirements and standards contained in Attachment (1), Statement of Work, with Exhibit A, Contract Data Requirements List, and all other Attachments cited in Section J, which are incorporated by reference into Section C.

C-2 REQUIREMENTS FOR ON-SITE CONTRACTORS

For those portions of the work under this contract performed at any NRL site, the contractor shall comply with the Requirements for On-Site Contractors dated 13 April 2006 which are hereby incorporated by reference. The full text is available at <http://heron.nrl.navy.mil/contracts/11onsite.htm>

C-3 SUBCONTRACTING PLAN

Subcontracting Plan _____ dated _____ is hereby incorporated by reference and made a material part of this contract.

*(*this provision will be included and completed at time of award, if applicable)*

**SECTION D
PACKAGING AND MARKING**

D-1 PACKAGING AND MARKING

Preservation, packaging, packing and marking of all deliverable contract line items must conform to normal commercial packing standards to assure safe delivery at destination.

**SECTION E
INSPECTION AND ACCEPTANCE**

E-1 INSPECTION AND ACCEPTANCE CLAUSES INCORPORATED BY REFERENCE**FAR CLAUSE TITLE**

52.246-9 - Inspection Of Research And Development (Short Form) (APR 1984)

DFARS CLAUSE TITLE

252.246-7000 - Material Inspection And Receiving Report (MAR 2003)

E-2 INSPECTION AND ACCEPTANCE

Inspection and acceptance of the final delivery will be accomplished by the Technical Manager (TM) or Contracting Officer Representative (COR) designated in Section G of this contract. Inspection and acceptance will be performed at the Naval Research Laboratory, Washington DC 20375-5320.

**SECTION F
DELIVERIES OR PERFORMANCE**

F-1 DELIVERIES OR PERFORMANCE CLAUSES INCORPORATED BY REFERENCE:**FAR CLAUSE TITLE**

52.242-15 - Stop-Work Order (AUG 1989) - Alternate I (APR 1984)

52.247-34 - F.O.B. Destination (NOV 1991)

F-2 PERIOD AND PLACE OF PERFORMANCE

(a) The term of this contract is from Date of Award through 12 months, with four (4) options that will extend the period of performance for an additional 12 months each, if exercised.

(b) The principal place of performance of this contract shall be Contractor's Facility.

SECTION G
CONTRACT ADMINISTRATION DATA

G-1 PROCURING OFFICE REPRESENTATIVE

In order to expedite administration of the contract, the Administrative Contracting Officer (ACO) will direct inquiries to the appropriate office listed below. Please do not direct routine inquiries to the person listed in Item 20A on Standard Form 26.

Security Matters- Contracting Officer for Security, Code 1221, (202) 767-2240, DSN 297-2240, email security-group@nrl.navy.mil

Safety Matters- Head Safety Branch, Code 3540, (202) 767-2232, DSN 297-2232, email safety@nrl.navy.mil

Patent Matters-Associate Counsel (Intellectual Property), Code 1008.2, (202) 404-1552, DSN 297-1552, email patents@nrl.navy.mil

Release of Data-Public Affairs Officer, Code 1030 (202) 767-2541, DSN 297-2541, email publicaffairs@nrl.navy.mil

G-2 CONTRACTING OFFICER'S REPRESENTATIVE (COR) - FUNCTIONS AND LIMITATIONS

* is hereby designated the cognizant COR who will represent the Contracting Officer in the administration of technical details within the scope of this contract and inspection and acceptance. The COR is not otherwise authorized to make any representations or commitments of any kind on behalf of the Contracting Officer or the Government. The COR does not have the authority to alter the Contractor's obligations or change the specifications in the contract. If, as a result of technical discussions, it is desirable to alter contract obligations or statements of work, a modification must be issued in writing and signed by the Contracting Officer. The COR is responsible for reviewing the bills and charges submitted by the Contractor and informing the ACO of areas where exceptions are to be taken.

*(* To be completed at time of award)*

G-3 TECHNICAL DIRECTION MEMORANDUM (TDM)

- (a) For the purposes of this clause, technical direction includes the following:
- (1) Direction to the Contractor which shifts work emphasis between work areas or tasks, requires pursuit of certain lines of inquiry, fills in details or otherwise describes work which will accomplish the objectives described in the statement of work;
 - (2) Guidelines to the Contractor, which assist in interpretation of drawings, specifications or technical portions of, work description.
- (b) Technical instructions must be within the scope of work stated in the contract. Technical instructions may not be used to:
- (1) Assign additional work under the contract:

- (2) Direct a change as defined in the contract clause entitled "Changes";
 - (3) Increase or decrease the estimated contract cost, the fixed fee, or the time required for contract performance; or
 - (4) Change any of the terms, conditions or specifications of the contract
- (c) The TDM shall be written by the Contracting Officer's Representative (COR), with the original given to the Contractor and a copy retained in the CORs file. Technical direction may be issued orally only in emergency situations. If technical direction is issued orally, a TDM must follow within two (2) working days from the date of the oral direction. Amendments, corrections, or changes to TDMs shall also be in written format and shall include all the information set forth in paragraph (e) below.
- (d) A TDM shall be considered issued when the Government deposits it in the mail, or if transmitted by other means, when it is physically delivered to the contractor.
- (e) TDMs shall include, but not be limited to, the following information:
- (1) Date of TDM,
 - (2) Contract Number,
 - (3) Reference to the relevant portion or item in the Statement of Work,
 - (4) The specific technical direction or clarification, and
 - (5) The signature of the COR.
- (f) CORs shall retain all files containing TDMs for a period of two (2) years after the final contract completion date.
- (g) The only individual authorized in any way to amend or modify any of the terms of this contract shall be the Contracting Officer. When, in the opinion of the Contractor, any technical direction calls for effort outside the scope of the contract or inconsistent with this special provision, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after its receipt.

G-4 SUBCONTRACTORS/CONSULTANTS

- (a) Advance notification or requests for consent pursuant to the contract clause entitled "Subcontracts" (FAR 52.244-2) shall be directed to the cognizant administrative contracting officer (ACO).
- (b) The following subcontractors/consultants have been identified in the Contractor's proposal as necessary for performance of this contract:

Subcontractor/Consultant Name	Estimated Cost
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(Paragraph (b) will be included and filled in at time of award if subcontractor/consultants are proposed by the successful offeror)

G-5 INCREMENTAL FUNDING

Pursuant to the Limitation of Funds clause (FAR 52.232-22), the total amount allotted to this contract is \$* and it is estimated that this amount is sufficient for contract performance through * .
*(*this provision will be included and completed at time of award, if applicable)*

G-6 INFORMATIONAL SUBLINE ITEMS

It is anticipated that the research and development services performed under this contract will be paid for from multiple sources of funds. Informational subline items will be established as necessary to identify each accounting citation classification.

G-7 SPECIAL PAYMENT INSTRUCTIONS- MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS (COST-REIMBURSEMENT)

Payments shall be made in accordance with the ACRN(s) cited on the contractor's invoice. The Contractor may contact the COR regarding which ACRN(s) to cite on an invoice.

G-8 PAYMENT AND VOUCHER INSTRUCTIONS

In accordance with the contract clause, *Electronic Submission of Payment Requests* (DFARS 252.232-7003), the contractor must submit requests for payment electronically.

If the contractor uses the Wide Area Workflow (WAWF), it may be accessed at its homepage <https://wawf.eb.mil/>. If the contractor has not registered with WAWF, instructions for doing so may be accessed at: <https://wawf.eb.mil/vreg.htm>

The following information is applicable to vouchers submitted under this contract using WAWF:

Under "Create New Document" select "Public Voucher". When you enter the contract number, some of the other fields in the document may fill out automatically.

Use the appropriate Item Number stated in the contract (e.g., 0001, 0002 or 0001AA, 0001AB, etc).

Contract Number: [Use the contract number as listed on page one of the award document.]

Issue By DODAAC: N00173

Admin DODAAC: [Use the 6 character "ADMINISTERED BY" CODE as listed on page one of the award document]

Pay DODAAC: [Use the 6 character "PAYMENT WILL BE MADE BY" CODE as listed on page one of the award document]

DCAA Auditor DODAAC: Go to <http://www.dcaa.mil/> Select "Audit Office Locator" from Left Menu

Service Acceptor DODAAC: N00173 Extension 5700

Ship To Code DODAAC: N00173 Extension 5700

LPO DODAAC: N00173

Cage Code: [Use your company specific code.]

When submitting vouchers using WAWF, email notification is to be given to the COR identified in Section G of the contract.

If the contractor uses a method other than WAWF to submit vouchers under this contract, a copy of the voucher is to be sent (preferably by email) to the COR identified in Section G of the contract.

Pursuant to DFARS 242.803(b)(i)(c), if the cognizant Government auditor has notified the contractor of its authorization to do so, the contractor may submit vouchers under this contract direct to the payment office. Such authorization does not extend to the first and final vouchers. The contractor shall continue to submit first vouchers to the cognizant auditor. The final voucher shall be submitted to the Administrative Contracting Officer.

SECTION H SPECIAL CONTRACT REQUIREMENTS

H-1 TYPE OF CONTRACT

This is a *

*(*To be completed at time of award)*

H-2 ONR 5252.216-9706 - LEVEL OF EFFORT (DEC 88)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in this contract. The total level of effort for performance of this contract shall be 14,490 total hours of direct labor for the base award, 20,250 hours for Option 1, 24,200 hours for option 2, 26,120 hours for option 3 and 26,220 hours for option 4, of direct labor for each option period, if exercised, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort. A breakdown of labor categories and hours is set forth in paragraph (k) below.

(b) The level of effort for this contract shall be expended at an average rate of 1208 hours per month for the base award, 1688 hours for Option 1, 1,2017 hours for option 2, 2177 hours for option 3 and 2177 hours for option 4, if exercised. It is understood and agreed that the rate of hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total hours of effort prior to the expiration of the term of the contract.

(c) The Contractor is required to notify the Contracting Officer when any of the following situations occur, or are anticipated to occur: If during any three consecutive months the monthly average is exceeded by 25% or, if at any time it is forecast that during the last three months of the contract less than 50% of the monthly average will be used during any given month; or, when 85% of the total level of effort has been expended.

(d) If, during the term of the contract, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total hours of effort specified 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, and an offer to undertake the acceleration at no increase in the estimated cost or fixed fee together with an offer setting forth a proposed level of effort, cost breakdown, and proposed fixed fee for continuation of the work until expiration of the term hereof. The offer shall provide that the work 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 such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(e) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total hours of effort specified in paragraph (a) above 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.

(f) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the term of this contract, the Contracting Officer shall either (i) reduce the fixed fee of this contract as follows:

$$\text{Fee Reduction} = \text{Fixed Fee} \times \frac{(\text{Required LOE Hours} - \text{Expended LOE Hours})}{\text{Required LOE Hours}}$$

or (ii) subject to the provisions of the clause of this contract entitled "Limitation of Cost," require the Contractor to continue to perform the work until the total number of hours of direct labor specified in paragraph (a) shall have been expended, at no increase in the fixed fee of this contract.

(g) In the event the government fails to fully fund the contract in a timely manner, the term of the contract may be extended accordingly with no change to cost or fee. If the government fails to fully fund the contract, the fee will be adjusted in direct proportion to that effort which was performed.

(h) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish hours up to five percent in excess of the total hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fixed fee is required, and no adjustment in the fixed fee shall be made provided that the Contractor has delivered at least 95% of the level of effort required in paragraph (a) above.

(i) It is understood that the mix of labor categories provided by the Contractor under the contract, as well as the distribution of effort among those categories, may vary considerably from the initial mix and distribution of effort which was estimated by the government or proposed by the Contractor.

(j) Nothing herein shall be construed to alter or waive any of the rights or obligations of either party pursuant to the Clause entitled "Limitation of Costs" or "Limitation of Funds," either of which clauses as incorporated herein applies to this contract.

(k) The anticipated breakdown by labor category of the total level of effort is as follows:

Labor Category	Basic	Option I	Option II	Option III	Option IV
3 Sr. Software Engineers	3840	5760	5760	5760	5760
2 EW Analysts	1920	1920	3840	3840	3840
2 Electronics Engineers	1920	3840	3840	3840	3840
5 Computer Scientists	3840	5760	7680	9600	9600
1 System Administrator	1920	1920	1920	1920	1920
1 Conference Support	200	200	260	260	260
1 Technical Writer	850	850	900	900	1000

H-3 ONR 5252.235-9714 - REPORT PREPARATION (JUL 2005)

Scientific or technical reports prepared by the Contractor and deliverable under the terms of this contract will be prepared in accordance with format requirements contained in ANSI/NISO Z39.18-2005, Scientific and Technical Reports: Elements, Organization, and Design.

[NOTE: All NISO American National Standards are available as free, downloadable pdf(s) at <http://www.niso.org/standards/index.html> . NISO standards can also be purchased in hardcopy form from NISO Press Fulfillment, P. O. Box 451, Annapolis Junction, MD 20701-0451 USA. Telephone U.S. and Canada: (877) 736-6476; Outside the U.S. and Canada: 301-362-6904 ax: 301-206-9789.

H-4 ELECTRONIC AND INFORMATION TECHNOLOGY (EIT)

In accordance with Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d), all EIT supplies and services provided under this contract must comply with the applicable accessibility standards issued by the Architectural and Transportation Barriers Compliance Board at 36 CFR part 1194 (see FAR Subpart 39.2). Electronic and information technology (EIT) is defined at FAR 2.101.

H-5 OPTION TO EXTEND THE TERM OF THE CONTRACT

This contract shall be renewable at the unilateral option of the Government by the Contracting Officer giving written notice of renewal to the Contractor within the existing term of the contract. The Government may exercise its option to renew the contract a total of four (4) times and each such renewal shall extend the term of the contract by twelve (12) months. The Contractor agrees that performance under each such renewal shall be accomplished in accordance with all of the terms and conditions of this contract and at the estimated cost and fixed fee set forth below:

First Option

Estimated Cost:	\$
Fixed Fee:	\$
Estimated Cost Plus Fixed Fee:	\$

Second Option

Estimated Cost:	\$
Fixed Fee:	\$
Estimated Cost Plus Fixed Fee:	\$

Third Option

Estimated Cost:	\$
Fixed Fee:	\$
Estimated Cost Plus Fixed Fee:	\$

Fourth Option

Estimated Cost:	\$
Fixed Fee:	\$
Estimated Cost Plus Fixed Fee:	\$

H-6 ON-SITE USE OF GOVERNMENT PROPERTY

Government facilities and equipment specified or approved for use in the performance of any portion of the contract at the U.S. Naval Research Laboratory (NRL) or any of its field sites may be used by the contractor's personnel on a rent free basis. All such property shall be considered to remain in the possession and control of the NRL for property responsibility and accountability purposes.

**PART II - CONTRACT CLAUSES
SECTION I
CONTRACT CLAUSES**

I-1 FAR 52.252-2 - CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.acqnet.gov/far>
<http://heron.nrl.navy.mil/contracts/home.htm>

a. FEDERAL ACQUISITION REGULATION CLAUSES**FAR CLAUSE TITLE**

52.202-1	-	Definitions (JUL 2004)
52.203-3	-	Gratuities (APR 1984)
52.203-5	-	Covenant Against Contingent Fees (APR 1984)
52.203-6	-	Restrictions On Subcontractor Sales To The Government (SEP 2006)
52.203-7	-	Anti-Kickback Procedures (JUL 1995)
52-203-8	-	Cancellation, Rescission, And Recovery Of Funds For Illegal Or Improper Activity (JAN 1997)
52.203-10	-	Price Or Fee Adjustment For Illegal Or Improper Activity (JAN 1997)
52.203-12	-	Limitation On Payments To Influence Certain Federal Transactions (SEP 2005)
52.204-2	-	Security Requirements (AUG 1996)
52.204-4	-	Printed Or Copied Double-Sided On Recycled Paper (AUG 2000)
52.204-7	-	Central Contractor Registration (OCT 2003)
52.209-6	-	Protecting The Government's Interest When Subcontracting With Contractors Debarred, Suspended, Or Proposed For Debarment (JAN 2005)
52.211-15	-	Defense Priority And Allocation Requirements (SEP 1990)
52.215-2	-	Audit And Records-Negotiation (JUN 1999)
52.215-8	-	Order Of Precedence - Uniform Contract Format (OCT 1997)
52.215-10	-	Price Reduction For Defective Cost Or Pricing Data (OCT 1997)
52.215-11	-	Price Reduction For Defective Cost Or Pricing Data - Modifications (OCT 1997)
52.215-12	-	Subcontractor Cost Or Pricing Data (OCT 1997)
52.215-13	-	Subcontractor Cost Or Pricing Data Modifications (OCT 1997)
52.215-14	-	Integrity Of Unit Prices (OCT 1997)
52.215-15	-	Pension Adjustments And Asset Reversions (OCT 2004)
52.215-17	-	Waiver Of Facilities Capital Cost Of Money (OCT 1997)
		<i>(will be included if the successful offeror does not propose facilities capital cost of</i>

- money)*
- 52.215-18 - Reversion Or Adjustment Of Plans For Post-Retirement Benefits (PRB) Other Than Pensions (JUL 2005)
 - 52.215-19 - Notification Of Ownership Changes (OCT 1997)
 - 52.215-21 - Requirements For Cost Or Pricing Data Or Information Other Than Cost or Pricing Data -Modifications (OCT 1997)
 - 52.216-7 - Allowable Cost And Payment (DEC 2002) (fill in 30th
 - 52.216-8 - Fixed-Fee (MAR 1997)
 - 52.219-8 - Utilization Of Small Business Concerns (MAY 2004)
 - 52.219-9 - Small Business Subcontracting Plan (JUL 2005) - Alternate II (OCT 2001)
 - 52.219-16 - Liquidated Damages-Subcontracting Plan (JAN 1999)
 - 52.222-2 - Payment For Overtime Premiums (JUL 1990) -The Use Of Overtime Is Authorized Under This Contract If The Overtime Premium Does Not Exceed "0"
 - 52.222-3 - Convict Labor (JUN 2003)
 - 52.222-20 - Walsh-Healey Public Contracts Act (DEC 1996)
 - 52.222-21 - Prohibition Of Segregated Facilities (FEB 1999)
 - 52.222-26 - Equal Opportunity (APR 2002)
 - 52.222-35 - Equal Opportunity For Special Disabled Veterans, Veterans Of The Vietnam Era, And Other Eligible Veterans (SEP 2006)
 - 52.222-36 - Affirmative Action For Workers With Disabilities (JUN 1998)
 - 52.222-37 - Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era, And Other Eligible Veterans (SEP 2006)
 - 52.222-39 - Notification Of Employee Rights Concerning Payment Of Union Dues Or Fees (DEC 2004)
 - 52.223-3 - Hazardous Material Identification And Material Safety Data (JAN 1997)
 - 52.223-5 - Pollution Prevention And Right-To-Know Information (AUG 2003)
 - 52.223-6 - Drug-Free Workplace (MAY 2001)
 - 52.223-14 - Toxic Chemical Release Reporting (AUG 2003)
 - 52.225-13 - Restrictions On Certain Foreign Purchases (FEB 2006)
 - 52.227-1 - Authorization And Consent (JUL 1995)- Alternate I (APR 1984)
 - 52.227-2 - Notice And Assistance Regarding Patent And Copyright Infringement (AUG 1996)
 - 52.227-12 - Patent Rights - Retention By The Contractor (Long Form) (JAN 1997)
(will be included if the successful offeror is not a small business or a non-profit organization)
 - 52.228-7 - Insurance - Liability To Third Persons (MAR 1996)
 - 52.230-2 - Cost Accounting Standards (APR 1998)
 - 52.230-3 - Disclosure And Consistency Of Cost Accounting Practices (APR 1998)
 - 52.230-6 - Administration Of Cost Accounting Standards (APR 2005)
 - 52.232-9 - Limitation On Withholding Of Payments (APR 1984)
 - 52.232-17 - Interest (JUN 1996)
 - 52.232-20 - Limitation Of Cost (APR 1984) *(Applicable when the contract or task order is fully funded)*
 - 52.232-22 - Limitation Of Funds (APR 1984) *(Applicable when the contract or task order is not fully funded)*
 - 52.232-23 - Assignment Of Claims (JAN 1986) Alternate I (APR 1984)
 - 52.232-25 - Prompt Payment (OCT 2003)
 - 52.232-33 - Payment By Electronic Funds Transfer-Central Contractor Registration (OCT 2003)
 - 52.233-1 - Disputes (JUL 2002)

- 52.233-3 - Protest After Award (AUG 1996) - Alternate I (JUN 1985)
- 52.233-4 - Applicable Law For Breach Of Contract Claim (OCT 2004)
- 52.237-2 - Protection Of Government Buildings, Equipment And Vegetation (APR 1984)
- 52.242-1 - Notice Of Intent To Disallow Costs (APR 1984)
- 52.242-3 - Penalties For Unallowable Costs (MAY 2001)
- 52.242-4 - Certification of Final Indirect Costs (JAN 1997)
- 52.242-13 - Bankruptcy (JUL 1995)
- 52.243-2 - Changes - Cost-Reimbursement (AUG 1987) - Alternate V (APR 1984)
- 52.244-2 - Subcontracts (AUG 1998) - Alternate I (MAR 2005)
- 52.244-5 - Competition In Subcontracting (DEC 1996)
- 52.244-6 - Subcontracts For Commercial Items (SEP 2006)
- 52.245-5 - Government Property (Cost-Reimbursement, Time-And-Material, Or Labor-Hour Contracts) (JUN 2003) (DEVIATION)
- 52.246-23 - Limitation Of Liability (FEB 1997)
- 52.247-1 - Commercial Bill Of Lading Notations (FEB 2006)
- 52.247-63 - Preference For U. S. Flag Carriers (JUN 2003)
- 52.249-6 - Termination (Cost-Reimbursement) (MAY 2004)
- 52.249-14 - Excusable Delays (APR 1984)
- 52.252-6 - Authorized Deviations in Clauses (APR 1984)(fill in Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2))
- 52.253-1 - Computer Generated Forms (JAN 1991)

b. DEPARTMENT OF DEFENSE FEDERAL ACQUISITION REGULATION CLAUSES

DFARS CLAUSE TITLE

- 252.201-7000 - Contracting Officer's Representative (DEC 1991)
- 252.203-7001 - Prohibition On Persons Convicted Of Fraud Or Other Defense Contract Related Felonies (DEC 2004)
- 252.203-7002 - Display Of DoD Hotline Poster (DEC 1991)
- 252.204-7003 - Control Of Government Personnel Work Product (APR 1992)
- 252.204-7004 - Alternate A (NOV 2003)
- 252.204-7005 - Oral Attestation Of Security Responsibilities (NOV 2001)
- 252.205-7000 - Provision Of Information To Cooperative Agreement Holders (DEC 1991)
- 252.209-7004 - Subcontracting With Firms That Are Owned Or Controlled By The Government Of A Terrorist Country (MAR 1998)
- 252.219-7003 - Small Business And Small Disadvantaged Business Subcontracting Plan (DoD Contracts) (APR 1996)
- 252.223-7004 - Drug-Free Work Force (SEP 1988)
- 252.223-7006 - Prohibition On Storage And Disposal Of Toxic And Hazardous Materials (APR 1993)
- 252.225-7012 - Preference For Certain Domestic Commodities (JUN 2004)
- 252.225-7031 - Secondary Arab Boycott Of Israel (JUN 2005)
- 252.226-7001 - Utilization of Indian Organizations, Indian-Owned Economic Enterprises, And Native Hawaiian Small Business Concerns (OCT 2003)
- 252.227-7000 - Non Estoppel (OCT 1966)
- 252.227-7001 - Release Of Past Infringement (AUG 1984)
- 252.227-7013 - Rights In Technical Data -- Noncommercial Items (NOV 1995)
- 252.227-7014 - Rights In Noncommercial Computer Software And Noncommercial Computer Software Documentation (JUN 1995)

- 252.227-7016 - Rights In Bid Or Proposal Information (JUN 1995)
- 252.227-7019 - Validation Of Asserted Restrictions--Computer Software (JUN 1995)
- 252.227-7025 - Limitations On The Use Or Disclosure Of Government-Furnished Information Marked With Restrictive Legends (JUN 1995)
- 252.227-7026 - Deferred Delivery Of Technical Data Or Computer Software (APR 1988)
- 252.227-7027 - Deferred Ordering Of Technical Data Or Computer Software (APR 1988)
- 252.227-7030 - Technical Data--Withholding Of Payment (MAR 2000)
- 252.227-7034 - Patents--Subcontracts (APR 1984)
- 252.227-7037 - Validation Of Restrictive Markings On Technical Data (SEP 1999)
- 252.227-7039 - Patents--Reporting Of Subject Inventions (APR 1990)
- 252.231-7000 - Supplemental Cost Principles (DEC 1991)
- 252.232-7000 - Advanced Payment Pool (DEC 1991)
- 252.232-7003 - Electronic Submission Of Payment Requests (MAY 2006)
- 252.232-7005 - Reimbursement Of Subcontractor Advance Payment—DoD Pilot Mentor-Protégé Program (SEP 2001)
- 252.232-7009 - Mandatory Payment By Governmentwide Commercial Purchase Card (JUL 2000)
- 252.235-7010 - Acknowledgment Of Support And Disclaimer (MAY 1995)
- 252.235-7011 - Final Scientific Or Technical Report (NOV 2004)
- 252.242-7000 - Post Award Conference (DEC 1991)
- 252.242-7004 - Material Management And Accounting System (NOV 2005)
- 252.243-7002 - Requests For Equitable Adjustment (MAR 1998)
- 252.244-7000 - Subcontracts For Commercial Items And Commercial Components (DOD Contracts) (NOV 2005)
- 252.245-7001 - Reports Of Government Property (MAY 1994)
- 252.246-7001 - Warranty Of Data (DEC 1991)
- 252.247-7023 - Transportation Of Supplies By Sea (MAY 2002)
- 252.247-7024 - Notification Of Transportation Of Supplies By Sea (MAR 2000)
(will be included if the successful offeror made a negative response to the inquiry at DFARS 252.247-7022)
- 252.251-7000 - Ordering From Government Supply Sources (OCT 2002)

I-2 FAR 52.223-11 - OZONE-DEPLETING SUBSTANCES (MAY 2001)

(a) *Definitions.* “Ozone-depleting substance”, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as –

- (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or
- (2) Class II, including, but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING

Contains (or manufactured with, if applicable) _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J

LIST OF ATTACHMENTS

- J-1** Attachment (1) - Statement Of Work - 7 Pages, With Exhibit A - DD Form 1423, Contract Data Requirements List, 2 Pages.
- J-2** Attachment (2) - DD Form 254, Contract Security Classification Specification, Ser 065-06, Dated 12/06/2006, 2Pages.
- J-3** Attachment (3) – Personnel Qualifications, 1 Page.
- J-4** Attachment (4) – Accounting and Appropriation Data- 1 page. *
(* To be included at time of award)

PART IV - REPRESENTATIONS AND INSTRUCTIONS
SECTION - K
REPRESENTATIONS, CERTIFICATIONS
AND OTHER STATEMENTS OF OFFERORS OR RESPONDENTS

K-1 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS OR RESPONDENTS

In accordance with FAR 4.1201, prospective contractors must complete electronic annual federal representations and certifications via the Online Representations and Certifications Application (ORCA) at <http://orca.bpn.gov> in conjunction with required registration in the Central Contractor Registration (CCR) <http://www.ccr.gov> database. The representations and certification must be updated as necessary, but at least annually, to ensure they are kept current, accurate and complete.

In addition, each offeror must submit completed DFARS and contract specific Representations, Certifications, and Other Statements Of Offerors or Respondents with its proposal which is available electronically in full text at <http://heron.nrl.navy.mil/contracts/repsandcerts.htm> .
Use Contract Representations and Certifications: A

K-2 FILL IN FOR FAR 52.219-1 - SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004)

The fill in information is as follows:

- (a) (1) The NAICS code for this acquisition is 541710
(2) The small business size standard is 500 employees.

SECTION L
INSTRUCTIONS CONDITIONS AND NOTICES
TO OFFERORS OR RESPONDENTS

L-1 FAR 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.acqnet.gov/far>
<http://heron.nrl.navy.mil/contracts/home.htm>

FAR CLAUSE TITLE

- 52.204-6 - Data Universal Numbering System (DUNS) Number (OCT 2003)
- 52.214-34 - Submission Of Offers In The English Language (APR 1991)
- 52.214-35 - Submission Of Offers In U.S. Currency (APR 1991)
- 52.215-1 - Instructions To Offerors- Competitive Acquisition (JAN 2004)
- 52.215-5 - Facsimile Proposals (OCT 1997)
Paragraph (c) is completed as follows: (202) 767- 0430 (primary) or (202) 767-0494 (alternate). In addition proposals may be transmitted by e-mail to Janiece.Shall@nrl.navy.mil (primary) or jan.bays@nrl.navy.mil (alternate) in either Microsoft Word (2000 or earlier) or pdf format.
- 52.215-16 - Facilities Capital Cost Of Money (JUN 2003)
- 52.237-10 - Identification Of Uncompensated Overtime (OCT 1997)

DFAR CLAUSE TITLE

252.209-7001- Disclosure Of Ownership Or Control By The Government Of A Terrorist Country (OCT 2006)

L-2 INSTRUCTIONS FOR SUBMISSION OF PROPOSALS/OFFERS

All proposals shall be submitted in accordance with FAR 52.215-1- *Instructions to Offerors- Competitive Acquisition*. Proposals/offers submitted in paper media through the United States Postal Service (USPS) or delivery services shall be addressed:

Contracting Officer, ATTN: Code 3220.JK

RFP No. N00173-07-R-JK01

Closing Date: 01/22/07 Time: 4:00 PM Local Time

Naval Research Laboratory

4555 Overlook Avenue, S.W.

Washington, D.C. 20375

Proposals may be hand delivered to the Contracting Office, NRL, 4555 Overlook Avenue, S.W., Washington, D.C. 20375, Building 222, Room 115 between the hours of 8AM until 4PM, local time, excluding weekends and federal holidays. NRL is a controlled-access facility. Photo identification will be required. Report first to Building 72, Visitor Control for access to NRL. After receiving a Visitor Pass, proceed directly to Building 222, Room 115, Contracting Office Receptionist to deliver the proposal. All offerors shall allow sufficient time for delivery of their proposal to the Contracting Office prior to the closing date and time announced in the solicitation. Directions and additional information about NRL is available at <http://www.nrl.navy.mil/aboutdc.htm>

If facsimile proposals are authorized, contracting officers may request offeror(s) to provide the complete; original signed proposal at a later date.

L-3 FAR 52.211-14 - NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (SEP 1990)

Any contract awarded as a result of this solicitation will be a DX rated order; DO rated order certified for national use under the Defense Priorities and Allocations system (DPAS) (15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation.

L-4 FAR 52.215-20 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (OCT 1997)ALTERNATE IV (OCT 1997)

- (a) Submission of cost or pricing data is not required.
- (b) Provide information described in Section L-13, Instructions for Submission and Information Required to Evaluate Proposals.

L-5 FAR 52.216-1 - TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a Cost Plus Fixed Fee Term contract resulting from this solicitation.

L-6 FAR 52.233-2 - SERVICE OF PROTEST (SEP 2006)

(a) Protests, as defined in Section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office(GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from the Control Desk, Code 3200, Bldg. 222, Rm. 115, Naval Research Laboratory, 4555 Overlook Ave., S.W., Washington DC 20375-5326.

- (b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

L-7 DFARS 252.227-7017 - IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS (JUN 1995)

- (a) The terms used in this provision are defined in following clause or clauses contained in this solicitation—
 - (1) If a successful offeror will be required to deliver technical data, the Rights in Technical Data--Noncommercial Items clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.
 - (2) If a successful offeror will not be required to deliver technical data, the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause, or, if this solicitation contemplates a contract under the Small Business Innovative Research Program, the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause.
- (b) The identification and assertion requirements in this provision apply only to technical data, including computer software documents, or computer software to be delivered with other than unlimited rights. For contracts to be awarded under the Small Business Innovative Research Program, the notification requirements do not apply to technical data or computer software that will be generated under the resulting contract. Notification and identification is not required for restrictions based solely on copyright.
- (c) Offers submitted in response to this solicitation shall identify, to the extent known at the time an offer is submitted to the Government, the technical data or computer software that the Offeror, its subcontractors or suppliers, or potential subcontractors or suppliers, assert should be furnished to the Government with restrictions on use, release, or disclosure.

- (d) The Offeror's assertions, including the assertions of its subcontractors or suppliers or potential subcontractors or suppliers shall be submitted as an attachment to its offer in the following format, dated and signed by an official authorized to contractually obligate the Offeror:

Identification and Assertion of Restrictions on the Government's Use, Release, or Disclosure of Technical Data or Computer Software.

The Offeror asserts for itself, or the persons identified below, that the Government's rights to use, release, or disclose the following technical data or computer software should be restricted:

Technical Data Computer Software to be Furnished With Restrictions*	Basis for Assertion **	Asserted Rights Category ***	Name of Person Asserting Restrictions****
(List)*****	(List)	(List)	(List)

* For technical data (other than computer software documentation) pertaining to items, components, or processes developed at private expense, identify both the deliverable technical data and each such items, component, or process. For computer software or computer software documentation identify the software or documentation.

** Generally, development at private expense, either exclusively or partially, is the only basis for asserting restrictions. For technical data, other than computer software documentation, development refers to development of the item, component, or process to which the data pertain. The Government's rights in computer software documentation generally may not be restricted. For computer software, development refers to the software. Indicate whether development was accomplished exclusively or partially at private expense. If development was not accomplished at private expense, or for computer software documentation, enter the specific basis for asserting restrictions.

*** Enter asserted rights category (e.g., government purpose license rights from a prior contract, rights in SBIR data generated under another contract, limited, restricted, or government purpose rights under this or a prior contract, or specially negotiated licenses).

**** Corporation, individual, or other person, as appropriate.

***** Enter "none" when all data or software will be submitted without restrictions.

Date _____
 Printed Name and Title _____

 Signature _____

(End of identification and assertion)

- (e) An offeror's failure to submit, complete, or sign the notification and identification required by paragraph (d) of this provision with its offer may render the offer ineligible for award.
- (f) If the Offeror is awarded a contract, the assertions identified in paragraph (d) of this provision shall be listed in an attachment to that contract. Upon request by the Contracting Officer, the Offeror shall provide sufficient information to enable the Contracting Officer to evaluate any listed assertion.

L-8 DFARS 252.227-7028 - TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT (JUN 1995)

The Offeror shall attach to its offer an identification of all documents or other media incorporating technical data or computer software it intends to deliver under this contract with other than unlimited rights that are identical or substantially similar to documents or other media that the Offeror has produced for, delivered to, or is obligated to deliver to the Government under any contract or subcontract. The attachment shall identify - -

- (a) The contract number under which the data or software were produced;
- (b) The contract number under which, and the name and address of the organization to whom, the data or software were most recently delivered or will be delivered; and
- (c) Any limitations on the Government's rights to use or disclose the data or software, including, when applicable, identification of the earliest date the limitations expire.

L-9 GOVERNMENT-FURNISHED PROPERTY

No material, labor, or facilities will be furnished by the Government unless provided for in the solicitation.

L-10 INQUIRIES CONCERNING THE RFP

Any questions concerning the RFP must be submitted in writing to the Contracting Officer representative at the contact location noted in blocks 7 and 10 of the Standard Form 33, *Solicitation, Offer and Award*. Offerors are cautioned against directing any questions concerning this RFP to technical personnel at the Naval Research Laboratory.

L-11 PROPOSAL ORGANIZATION

(1) Information for the technical/management proposal shall be placed in Volume I and be completely separate from the business proposal (Volume II).

(2) Proposal Format and Length - No attempt is made to restrict the proposal format and style. However, the proposal should be written and organized so as to be compatible with the RFP, the Statement of Work, company's organization and accounting structure, and proposed cost estimate. Offerors are encouraged to use recycled paper and maximize the use of double sided copying when preparing responses to solicitations.

L-12 VOLUME I - TECHNICAL/MANAGEMENT PROPOSAL

REQUIRED COPIES: 1 ORIGINAL AND 3 COPIES .

(1) The Contractor must propose the labor categories in accordance with the Level of Effort Breakdown in Section H-3. If the offeror uses labor category terminology other than that used in Section H-3, the offeror must provide a matrix clearly relating their proposed labor categories to those stated.

(2) The following information is required for evaluation of your technical/management proposal:

(A) PERSONNEL QUALIFICATIONS

Provide resumes for proposed personnel indicating their technical competencies (both general and project related experience), education, certifications, publication records and the degree to which they meet the requirements set forth in the RFP and any attachments/Exhibits to the RFP. Indicate the availability of proposed personnel to support the effort on a permanent basis.

(B) TECHNICAL UNDERSTANDING

Provide documentation to demonstrate a complete understanding of the task requirements contained in the statement of work. Demonstrate experience in similar research and development required by the tasks in the statement of work, nature and scope of similar work, relevancy of prior work to proposed work and past performance on same/similar work for the Government. Demonstrate credibility, realism and logic to the proposed tasking requirements and required deliverables.

Demonstrate understanding of each of the technical requirements or task areas of the statement of work, especially the following:

- Development and use of computer federations over a local and wide area networks;

- Development of High Level Architecture and Run-Time Infrastructure;

- Electronic warfare analysis including aspects of communications intelligence with emphasis on electronic warfare (EW) systems and their application to naval warfare

 - Intelligence databases

 - RDT&E of ASCM threat and environment modeling and simulation including the use of hardkill/softkill techniques;

 - Computer modeling and simulation including development of high fidelity simulations representing EW systems;

 - Radar systems, missile guidance, autopilots aerodynamics, propagation at sea and in littoral environments, RCS and EA systems;

 - G++, Open GL, Direct3D, graphical user interfaces and HLA/RTI;

 - Development of graphical user interfaces (GUI), cross-platform development, extraction of technical data from established intelligence databases for inclusion in real-time simulations;

 - Software development and database management design of EW databases as well as software coding, software testing and system documentation;

 - Oracle DB and forms or Access;

 - Technical writing with an emphasis on EW, computer simulation software, naval platforms or weapons.

Components of the DII COE (C4I) compliant C4I systems: C4I training systems, reconstruction, tutor/replay, archiver, and Large Area Track Range (LATR) Segment.

Development of web-based techniques embedded within host C2 systems (e.g. GCCS, GCCS-M, and GCCS-J) and their interaction with external training systems such as the Navy Extremely High Frequency Communications Controller Battle Force Tactical Trainer (NECC BFTT)

(C) MANAGEMENT

Demonstrate capability of managing tasks like those outlined in the SOW and describe the corporate structure as related to this RFP and any attachments/Exhibits to the RFP, defining responsibilities, authorities, and accountabilities.

L-13 VOLUME II - BUSINESS PROPOSAL

REQUIRED COPIES: 1 ORIGINAL AND 3 COPIES

(1) COST PROPOSAL

The offeror shall submit a business proposal that includes a cost proposal with supporting information for each cost element consistent with Offerors cost accounting system. The supporting breakdown should include such elements as materials, direct labor, indirect cost, and other costs such as travel. The offeror shall provide exhibits as necessary to substantiate each cost element. Should rates be used in the proposal, which are not DCAA approved, the offeror shall provide complete documentation and the rationale for their use at time of proposal submission. However, offerors are advised to use actual labor rates of proposed personnel as the basis for estimating labor costs when practicable.

(2) SMALL BUSINESS PARTICIPATION

(a) In addition to complying with the clause at FAR 52.219-9, Small Business Subcontracting Plan (JAN 2002) with its Alternate II (OCT 2001), proposals must include information to permit evaluation of the extent of participation of small businesses and historical black colleges or universities and minority institutions in performance of the contract. Participation to be identified may be in the form of a joint venture, teaming arrangement, or subcontract. Small business concerns that are not required by FAR 52.219-9 to submit a subcontracting plan must indicate the extent to which proposed joint ventures, teaming arrangements, or subcontracts are with historically black colleges or universities and minority institutions. Information provided should include the extent of participation of such firms in terms of the value of the total acquisition and the complexity and variety of the work such firms are to perform.

L-14 TRAVEL AND MATERIAL ESTIMATES AND OTHER DIRECT COSTS (FOR EVALUATION PURPOSES ONLY)

The travel and material estimates and other direct costs set forth must be included in each offerors cost proposal for evaluation purposes only. During the term of this contract, the contractor will be reimbursed actual and allowable travel, material, and other direct expenses.

The Government estimates the travel costs for this effort to be \$50,000 for the basic award and \$50,000.00 for each option period, if exercised.

The Government estimates the material costs for this effort to be \$50,000 for the basic award and \$50,000.00 for each option period, if exercised.

SECTION M EVALUATION FACTORS FOR AWARD

M-1 EVALUATION

Award will be made to that offeror whose proposal is determined to be the best value to the Government, proposed cost and other factors considered. The Government reserves the right to make award to other than the low offeror. Although technical considerations are more important than the cost factor, the closer the technical scores of the various proposals are to one another, the more important the cost considerations become.

M-2 EVALUATION FACTORS FOR AWARD

Proposals will be evaluated in accordance with the following criteria. The Technical Management factor is more important than the Cost to the Government factor. The Technical subfactors are listed in descending order of importance. Technical factor 3 is significantly less important than factor 1 and 2. Due to the technical nature of the research and the risk of unacceptable performance, past performance will be a consideration in source selection.

M-2-1. TECHNICAL/MANAGEMENT

(1) PERSONNEL QUALIFICATIONS

The proposed personnel will be evaluated on the experience and qualifications of the proposed personnel relevant to the proposed task; the quantity and quality of the Offeror's corporate experience relevant to the proposed task; and the previous experience of the key personnel including the degree to which they meet the requirements set forth in the Personnel Qualifications.

(2) TECHNICAL UNDERSTANDING

The proposal will be evaluated on the complete understanding of the task requirements and understanding of the statement of work. The proposal will be evaluated on experience in similar research and development required by the tasks in the statement of work; relevance of prior work to proposed work and past performance on same/similar work for the Government. The proposal will be evaluated on the credibility, realism and logic to the proposed tasking requirements and required deliverables.

(3) MANAGEMENT

Management will be evaluated on demonstrated capability of managing tasks like those outlined in the SOW as well as the offeror's corporate structure as related to this RFP and any attachments/Exhibits to the RFP, defining responsibilities, authorities, and accountabilities.

M-2-2 COST TO THE GOVERNMENT

Proposed estimated cost to the Government. The Government may adjust the proposed cost for purposes of evaluation based upon an evaluation of cost realism. Cost Realism means that the costs in an offeror's proposal are realistic for the work to be performed; reflect a clear understanding of the requirements; and are consistent with the various elements of the offeror's technical proposal. The cost realism evaluation includes an analysis of the adequacy of the hours, labor mix, and other direct costs to perform the work as proposed in the technical proposal as well as the proposed labor and indirect rates. It also includes evaluation of the likelihood that the risks inherent in the offeror's technical approach will result in higher actual costs than anticipated.

M-3 FAR 52.217-5 - EVALUATION OF OPTIONS (JUL 1990)

Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

STATEMENT OF WORK EW SIMULATION AND MODELING

SCOPE

The Naval Research Laboratory (NRL) is seeking contractor assistance in a variety of disciplines related to Electronic Warfare (EW), Command, Control, Communications, Computers and Intelligence (C4I) software development, C4I Embedded Training, Infrared simulator Systems, training range system development, computer simulation applications and hardware modeling. NRL's areas of interest include engineering development, computer simulation and modeling, website development, and data base management.

NRL requires assistance in development of unique hardware systems to support the research and development into a wide variety of EW related systems. Some current fields of study include: near-earth radio wave propagation studies, micro-antenna research and development, displays for use in bright light such as large scale Organic Light Emitting Diode (OLED) displays, advanced man-wearable computer technology, energy dense light weight batteries, and hardware power conservation schemes.

The Contractor shall provide, on a level-of-effort basis, the man-hours of scientific, technical, engineering, and administrative support stated in the personnel qualification. Most of the work will require access to classified data.

The contractor shall provide research and engineering services in support of these basic task areas:

- Task I - C4I Analysis & Development
- Task II - Embedded Training Software
- Task III - Distributed Simulation Technology
- Task IV - Electronic Warfare Analysis
- Task V - Computer Modeling and Simulation
- Task VI - C4I Interoperability and embedded Simulations
- Task VII - Administrative Support
- Task VIII - Technical Writer
- Task IX - Website Design

TASK DESCRIPTION AND PERSONNEL QUALIFICATIONS

1.0 TASK DESCRIPTIONS

1.1 TASK 1 – C4I SEGMENT MAINTENANCE

In support of US Navy information warfare NRL must provide command, control, communications computers and intelligence (C4I) support and innovation to the fleet. One effort to meet this challenge is the development of a standardized computer operating environment known as the Common Operating Environment (COE). The

Defense Information Infrastructure COE (DII COE) is implemented with a set of modular software that provides generic functions or services, such as operating system services. These services or functions are accessed by other software through standard Application Programming Interfaces (APIs). The DII COE is then adapted and tailored to meet the specific requirements of a domain. COE Implementations provide standard, modular software services that are consistent with the service areas identified in the Department of Defense (DoD) Technical Reference Model. Application programmers then have access to these software services through standardized APIs.

The contractor shall perform analysis, computer programming design and coding, database design and maintenance, software testing and system documentation for design upgrades to the following components of the DII COE (C4I) compliant C4I systems: C4I training systems, reconstruction, tutor/replay, archiver, and Large Area Track Range (LATR) Segment. These command and control software components are comprised of sets of algorithms, decision aids, graphics, data management and communications programs designed to support operational forces to train for hostile engagements, conduct warfare, and control military exercises.

1.2 TASK II - EMBEDDED TRAINING SOFTWARE

The contractor shall develop training software and techniques for the insertion of single operator and team training into modern command and control (C2) systems. These designs include the development of web-based techniques embedded within host C2 systems (e.g. GCCS, GCCS-M, and GCCS-J) and their interaction with external training systems such as the Navy Extremely High Frequency Communications Controller Battle Force Tactical Trainer (NECC BFTT) as well as war-gaming and other types of simulations that support team training. The development shall include software programs embedded in systems such as GCCS, etc., that generate scenarios, control scenarios within the host C2 system, create training network servers, create training sessions and run training sessions. The primary focus on this work is the development of training software with a small amount of courseware content development.

1.3 TASK III - DISTRIBUTED SIMULATION TECHNOLOGIES

Computer simulations facilitate relatively inexpensive and robust rapid force structure analysis, mission planning, test and evaluation and training. Distributed simulation – networking multiple, separate simulation components together – is the key technology in maximizing the advantages of computer simulations making possible the interface and interaction of a wide range of simulation components. The Contractor shall support the goal of federated computer EW simulation objectives through the development of methods for synchronization and coordination of initializing federated simulations across a LAN and/or WAN. These simulations will be classified Secret. The Contractor shall assist in the development of;

1. Methodologies for consistent and repeatable random number generation across multiple simulations on a distributed network to support statistical analyses.
2. Automated systematic methods and mechanisms for automating remote start and initialization of computer simulations for performing batch processes of distributed EW simulations across a LAN and/or WAN in order to run multiple iterations of scenarios.
3. Interoperability improvements such as automated distributed simulation coordination and synchronization across multiple sites to increase the number of simulation runs in a given period.
4. Standard protocols, such as Distributed Interactive Simulation Process and Common Natural Environment Components for running scenarios interactively across a LAN and/or WAN.
5. A comprehensive means to reduce the time to perform individual scenarios by developing remote federation setup and initialization.
6. Research in the handling and compartmentalization of secure and proprietary data using the HLA Run-Time Infrastructure (RTI).
7. Development of prototype software tools as needed.

1.4 TASK IV – ELECTRONIC WARFARE ANALYSIS

The purpose of this task is to provide research and development, test and evaluation (R/DT&E) study of electronic warfare (EW) actions across a battle-space. This task will involve R/DT&E of multiple theories that include physical destruction and electronic manipulation to counter threats. Tasks will include testing of current and future techniques and methods of threat neutralization as well as support the development of new and innovative theories and methods for ships to more rapidly prioritize threats and allocate systems to avoid damage during attack. Tasks will include research and modeling of the relationship of electronic warfare, weapons and communications applications and the inherent danger in the use of seductive decoys, counter-targeting, and active decoys in a battle group. This research will lead to improved survivability against advanced naval weapons and accidental seduction of incoming missiles into friendly targets. The contractor shall provide R/DT&E on surface ship self defense systems to prove the concept of network centric integration of information from organic assets and national systems with on-board weapons systems to improve the effectiveness of a ship's coordination of defensive systems. The contractor shall evaluate multi-spectral non-lethal measures to counter current and postulated future foreign and domestic weapons systems that could threaten U.S. naval systems. Studies will require access to

classified data. Research and development will be performed at the Naval Research Laboratory but testing and evaluation will be done at other government facilities and commands including; Space and Naval Warfare System (SPAWAR) Center, Fleet Information Warfare Center (FIWC), Fleet Tactical Training Group (FLTTACTRAGRU), and aboard Navy ships.

1.5 TASK V – COMPUTER MODELING AND SIMULATION

The Contractor shall support the development of high fidelity simulations that accurately represent the performance of EW systems in a complex electromagnetic environment. Areas of expertise that may be required for the programs include detailed knowledge of radar sensor systems, analog and digital circuits, missile guidance, autopilots and aerodynamics, electromagnetic propagation for ocean and littoral environments, antenna theory and design, radar cross sections (RCS) signatures, electronic attack (EA) systems, and advanced computer simulation design and development techniques. The simulations will be implemented using advanced object oriented programming techniques and capable of interoperable operation using distributed processing capabilities on state-of-the-art computer hardware. The simulations will interface with, and draw parametric data from, key intelligence databases that support EW parameters used in the dynamic environments. The Contractor shall also support verification and validation efforts for the simulations. This research will require access to classified data.

In support of Simulation Display (SIMDIS) and Builder programs, the Contractor shall assist in software enhancements for these tools. The Contractor shall provide staff with experience in C++, OpenGL, Direct3D, graphical user interfaces, cross-platform development, databases, Higher Language Architecture /Run Time Infrastructure (HLA/RTI), real-time range and operation data feeds, and telemetry systems. The Contractor shall also support the transition of these programs to various Navy and DoD activities.

1.6 TASK VI – C4I INTEROPERABILITY AND EMBEDDED SIMULATIONS

The Contractor shall develop interoperability methods and software to link C4I systems to external simulations such as training systems and to internal simulation based tactical mission applications such as course of action (COA) analysis, scenario based planning and embedded training simulations. This effort shall include integrating the HLA/RTI with the DII COE services and C4I Mission Applications, developing HLA Federation/Simulation Object Models (FOM, SOM) optimization for C4I. This task will include modification and integration of simulations as Segments within C4I systems such as the development of a Course of Action Analysis Segment within GCCS-M based on algorithms and software contained within the Naval Simulation System (NSS).

1.7 TASK VII – IR SEEKER SIMULATION HARDWARE AND ALGORITHMS

The Contractor shall provide engineering and technical support to continuing activities involving upgrades to the IR simulator systems including the Foxtrot and Victor simulators that enhance the simulators overall effectiveness and accuracy. The Contractor shall provide support for the evolution of Foxtrot and Victor by modifying the software and hardware systems to produce smooth tracking performance when installed on the NRL P3 aircraft. Gimbals stabilization will be achieved with an upgrade from the current custom BUS design to a standard VME BUS based system for both of these simulators. Planned enhancements include hardware and software updates and construction of a compact Foxtrot simulator suitable for operation at NRL or at the Chesapeake Bay Detachment (CBD) facility in parallel with a new smaller flight configured Foxtrot installed in a Standard Instrument Pod (SIP) on the NRL P3 aircraft. Algorithm extensions will center on the development of real-time image understanding capabilities permitting identification and separation of targets, clutter, background and decoys. Hardware features along with the appropriate software drivers will be added to the system automatic interpretation of the real-time image sequences collected by both the Foxtrot and Victor.

The Contractor shall perform field and laboratory measurements of the countermeasure systems employing the hardware simulators installed at the Chesapeake Bay Division of NRL and other shore sites or on the NRL P3 aircraft. The contractor shall collect both video and digital data of decoys, ships and background with existing data collection equipment. The contractor shall add voice annotation for real-time reporting of test progress and decoy performance.

1.8 TASK VIII – COMPUTER SYSTEM ADMINISTRATOR

The Contractor shall support the development and maintenance of the local area computer network, computer systems and software. The Contractor shall maintain domains consisting of network switches, Watchguard Firebox firewalls, four domain controller PCs, email servers running Exchange 2003, tape backup PCs running ArchServe Backup using an ADIC Scalar 100 LTO tape library, file server PCs, Oracle 9i server PC. The Contractor shall perform system administration on Linux and MicroSoft computers. Duties shall include but will not be limited to;

- Workstation configuration
- Setting up user accounts
- Software installation
- Firewall installation and maintenance
- Virus detection and remediation
- Mass storage space allocation
- Information Assurance Vulnerability Alert (IAVA) Policy implementation,
- Blackberry Enterprise Server maintenance
- Exchange Enterprise 2003, HFNetChkPro, Newt, Retina and Nesus maintenance
- Linux File Server maintenance
- Linux Network Cluster Maintenance

1.9 TASK IX – ADMINISTRATIVE SUPPORT

The Contractor shall occasionally provide administrative support for the planning, negotiation, and implementation of meetings/conferences/seminars for the dissemination of scientific materials and research information. Meetings will be held in various cities and military installations within the U.S. Site selection, dates and agenda shall be determined by the Government. Contractor efforts shall include all facets of planning and execution of the meetings including, but is not limited to; event planning, securing meeting venues and billeting facilities, acquiring required equipment, meeting management, preparation of agenda, and event management.

1.10 TASK X – TECHNICAL WRITER

The Contractor shall provide technical documentation of various research programs. The primary focus is generating algorithms, techniques, and software applications that help warfighters better understand the complex and highly dynamic environments within which they operate. NRL provides research, information and computer simulations related to communication, radar, electronic warfare (EW), and information warfare (IW), weapons, and platforms such as ships and aircraft. The Contractor will be required to create works including, but are not limited to:

- User Manuals

- "Cheat Sheets," – short-cut pages that augment user tutorial and manual

- Product release notes

- Product press releases

- Trade magazine articles

- Formal research papers

- Specific product description for patent application

The number of users and demand for some of the NRL software tools has grown to the point that in addition to requiring formal manual/user guides they also must be hosted on websites to allow rapid access by Fleet users. This hosting will require accreditation of various classified webs through Government accreditation authorities. The Contractor shall assist in the identification of accreditation authorities and application for accreditation as required. The contractor shall work with engineers asking questions in an engineering context, parsing the resultant answers and translate them into language that is understandable by an average enlisted member of the armed forces.

1.11 TASK XI – WEBSITE DEVELOPMENT

The Contractor shall create front-end graphics (interfaces, banners, buttons, logos, and color schemes) and the navigational structure (HTML linking, javascripts, DHTML, Flash) of classified and unclassified websites. The Contractor shall be responsible for all phases of development from concept to completion and the daily maintenance of

updating content of websites. Development will be done using languages such as: HTML, DHTML, SHTML, .Net, SSI, CSS, FTP, Javascripts, Perl and ASP CGI scripts and software package such as; Dreamweaver, Visual Studio.Net, Photoshop, ImageReady, Flash, Fireworks, PDF Distiller, QuarkXpress, Freehand, Illustrator and MS Office Suite.

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 0001	B. EXHIBIT A	C. CATEGORY: TDP _____ TM _____ OTHER _____
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D. SYSTEM/ITEM	E. CONTRACT/PR NO. 57-7001-07	F. CONTRACTOR
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1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM MONTHLY BILLING REPORT	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
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7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION 30DAC	14. DISTRIBUTION		
8. APP CODE N/A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
					Draft	Final
					Reg	Repro

16. REMARKS Report shall include Reporting Period, Contract Number, Contract Value, Current Funding, Amount Expended in current Period, Total Expended to Date, Travel Cost, Equipment Cost, Subcontract Cost for reporting period and total-to-date.	15. TOTAL →	0	1	0
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Monthly Labor Report	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE 57-7001-07	6. REQUIRING OFFICE CODE 5770
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7. DD 250 REQ NO	9. DIST STATEMENT REQUIRED	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION 30DAC	14. DISTRIBUTION		
8. APP CODE N/A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
					Draft	Final
					Reg	Repro

16. REMARKS Report shall be 12 month sliding window reporting; Employee Name, Number of Hours for Current Period, Amount Billed, Amount billed for Travel, Amount Billed for Material, Total Charges per Employee, Recent Funding, Available Fundi	15. TOTAL →	0	1	0
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17. PRICE GROUP
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18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
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8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
					Draft	Final
					Reg	Repro

16. REMARKS	15. TOTAL →	0	0	0
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
					Draft	Final
					Reg	Repro

16. REMARKS	15. TOTAL →	0	0	0
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY CODE 5700	H. DATE	I. APPROVED BY	J. DATE
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DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i>				1. CLEARANCE AND SAFEGUARDING SER: 065-06			
				a. FACILITY CLEARANCE REQUIRED		SECRET	
SECRET				SECRET			
2. THIS SPECIFICATION IS FOR: <i>(X and complete as applicable)</i>				3. THIS SPECIFICATION IS: <i>(X and complete as applicable)</i>			
a. PRIME CONTRACT NUMBER		<input checked="" type="checkbox"/>		a. ORIGINAL <i>(Complete date in all cases)</i>		DATE (YYYYMMDD)	
b. SUBCONTRACT NUMBER				b. REVISED <i>(Supersedes all previous specs)</i>		REVISION NO.	
c. SOLICITATION OR OTHER NUMBER		DUE DATE (YYYYMMDD)		c. FINAL <i>(Complete Item 5 in all cases)</i>		DATE (YYYYMMDD)	
57-7001-07						2006/12/06	
4. IS THIS A FOLLOW-ON CONTRACT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO. If Yes, complete the following:				Classified material received or generated under <u>N00173-02-C-2025</u> <i>(Preceding Contract Number)</i> is transferred to this follow-on contract.			
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following:				In response to the contractor's request dated _____, retention of the classified material is authorized for the period of _____.			
6. CONTRACTOR <i>(Include Commercial and Government Entity (CAGE) Code).</i>							
a. NAME, ADDRESS, AND ZIP CODE			b. CAGE CODE		c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>		
FOR RFP PURPOSES ONLY, NOT VALID FOR ACTUAL CONTRACT AWARD					N/A		
7. SUBCONTRACTOR							
a. NAME, ADDRESS, AND ZIP CODE			b. CAGE CODE		c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>		
N/A					N/A		
8. ACTUAL PERFORMANCE							
a. LOCATION			b. CAGE CODE		c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>		
N/A					N/A		
9. GENERAL IDENTIFICATION OF THIS PROCUREMENT							
10. CONTRACTOR WILL REQUIRE ACCESS TO:				11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:			
		YES NO				YES NO	
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		<input checked="" type="checkbox"/>		a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY		<input checked="" type="checkbox"/>	
b. RESTRICTED DATA		<input checked="" type="checkbox"/>		b. RECEIVE CLASSIFIED DOCUMENTS ONLY		<input checked="" type="checkbox"/>	
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		<input checked="" type="checkbox"/>		c. RECEIVE AND GENERATE CLASSIFIED MATERIAL		<input checked="" type="checkbox"/>	
d. FORMERLY RESTRICTED DATA		<input checked="" type="checkbox"/>		d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE		<input checked="" type="checkbox"/>	
e. INTELLIGENCE INFORMATION				e. PERFORM SERVICES ONLY		<input checked="" type="checkbox"/>	
(1) Sensitive Compartmented Information (SCI)		<input checked="" type="checkbox"/>		f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES		<input checked="" type="checkbox"/>	
(2) Non-SCI		<input checked="" type="checkbox"/>		g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER		<input checked="" type="checkbox"/>	
f. SPECIAL ACCESS INFORMATION		<input checked="" type="checkbox"/>		h. REQUIRE A COMSEC ACCOUNT		<input checked="" type="checkbox"/>	
g. NATO INFORMATION		<input checked="" type="checkbox"/>		i. HAVE TEMPEST REQUIREMENTS		<input checked="" type="checkbox"/>	
h. FOREIGN GOVERNMENT INFORMATION		<input checked="" type="checkbox"/>		j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS		<input checked="" type="checkbox"/>	
i. LIMITED DISSEMINATION INFORMATION		<input checked="" type="checkbox"/>		k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE		<input checked="" type="checkbox"/>	
j. FOR OFFICIAL USE ONLY INFORMATION		<input checked="" type="checkbox"/>		l. OTHER <i>(Specify)</i>			
k. OTHER <i>(Specify)</i>							

DD FORM 254, DEC 1999

PREVIOUS EDITION IS OBSOLETE.

Reset

12. PUBLIC RELEASE. Any information (*classified or unclassified*) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release Direct Through (*Specify*)

COMMANDING OFFICER, NAVAL RESEARCH LABORATORY, WASHINGTON, DC 20375-5320, CODE 5770

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review.
 *In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (*Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.*)

Access to classified information is not required for the purpose of submitting a bid/proposal for this statement of work. However, prior to award of contract, the successful contractor will be required to have a SECRET facility clearance, and personnel available with final DoD granted personnel security clearances commensurate with level of access required for performance of contract.

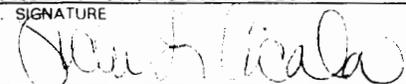
14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract. Yes No
 (*If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.*)

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. Yes No
 (*If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.*)

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL	b. TITLE	c. TELEPHONE (<i>Include Area Code</i>)
VICKI CICALA	CONTRACTING OFFICER, SECURITY	(202) 767-2240/2576

d. ADDRESS (*Include Zip Code*)
 NAVAL RESEARCH LABORATORY
 4555 OVERLOOK AVE. SW
 WASHINGTON, DC 20375-5320

e. SIGNATURE


17. REQUIRED DISTRIBUTION

<input checked="" type="checkbox"/>	a. CONTRACTOR
<input type="checkbox"/>	b. SUBCONTRACTOR
<input checked="" type="checkbox"/>	c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR
<input type="checkbox"/>	d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION
<input type="checkbox"/>	e. ADMINISTRATIVE CONTRACTING OFFICER
<input checked="" type="checkbox"/>	f. OTHERS AS NECESSARY [226.2, 5702, 5770]

PERSONNEL QUALIFICATIONS

LABOR CATEGORY: 3 Senior Software Engineers
Education/Experience: Bachelor Degree and at least 10 years of computer modeling and simulation development.
Clearance Requirements: Secret

LABOR CATEGORY: 2 Electronic Warfare Analysts
Education/Experience: Minimum Bachelor Degree or 8 years in Naval Electronic Warfare or Signals Intelligence.
Clearance Requirements: Secret

LABOR CATEGORY: 5 Computer Scientists
Education/Experience: Bachelor degree in Computer Science or 4 years experience in computer modeling and simulation using C++, OpenGL, Direct3D or HLA/RTI and/or Website Design and development.
Clearance Requirement: Secret

LABOR CATEGORY: 2 Electronics Engineers
Education/Experience: Bachelor degree in Electronics Engineering and 4 years experience in hardware development
Clearance Requirement: Secret

LABOR CATEGORY: 1 Conference/Seminar Coordinator
Education/Experience: 3 years administrative/secretarial experience, some experience in meeting planning.
Clearance Requirement: None

LABOR CATEGORY: 1 Technical Writer
Education/Experience: 3 year technical writing experience with some experience writing naval, electronic warfare, computer simulation or weapons documentation.
Clearance Requirement: Secret

LABOR CATEGORY: 1 System Administrator
Education/Experience: 3 years personal computer or network System Administration experience
Clearance Requirement: Secret