

<b>SOLICITATION, OFFER AND AWARD</b>		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		RATING D0-C9	PAGE OF PAGES 1 25
2. CONTRACT NUMBER	3. SOLICITATION NUMBER N00173-07-R-JS07	4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	5. DATE ISSUED 07/12/07	6. REQUISITION/PURCHASE NUMBER 57-1032-07	
7. ISSUED BY Contracting Officer Naval Research Laboratory Attn: Code 3220.MS Washington, D.C. 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 2 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, Room 115 until 4:00 pm local time 08/13/07  
(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 Jamie Brown	B. TELEPHONE (NO COLLECT CALLS)		C. E-MAIL ADDRESS jamie.brown@nrl.navy.mil
		AREA CODE 202	NUMBER 767	EXT. 4597

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

15A. NAME AND ADDRESS OF OFFEROR	CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER <small>(Type or print)</small>	
15B. TELEPHONE NUMBER	AREA CODE	NUMBER	EXT.	17. SIGNATURE
15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.				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  <small>(Signature of Contracting Officer)</small>	
		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 Provide engineering and Technical support for Electronic Warfare and Littoral Warfare in Accordance with the Statement of Work, Attachment (1).	\$	\$	\$
0002	Data in accordance with Exhibit A (DD 1423)	* NSP	* NSP	* NSP
<b>TOTAL ESTIMATED COST PLUS FIXED FEE</b>		\$	\$	\$

\* *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 01 June 2007 which are hereby incorporated by reference. The full text is available at <http://heron.nrl.navy.mil/contracts/13onsite.htm>

**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 contract award through twelve (12) months thereafter, with four options that will extend the period of performance for an additional twelve (12) months each, if exercised.

(b) The principal place of performance of this contract shall be the Naval Research Laboratory, Washington, D.C.

**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](mailto:security-group@nrl.navy.mil)

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

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

Release of Data-Public Affairs Officer, Code 1030 (202) 767-2541, DSN 297-2541, email [publicaffairs@nrl.navy.mil](mailto: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 technical monitoring and administration of this contract. In accordance with Section E, the COR will accomplish inspection and acceptance of deliverables under this contract. 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 the statement of work, a modification must be issued in writing and signed by the Contracting Officer. Unless terminated sooner, this appointment is effective for the period of performance of this contract including any options, if exercised. COR authority may not be redelegated. No change in COR assignment shall be made without written notice by the Contracting Officer, who will modify the contract to reflect the change of COR assignment.

( \* *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 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS (COST-REIMBURSEMENT)**

If there is more than one ACRN within a contract line item, the payment office will make payment using the ACRN(s) cited on the contractor's 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 in 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 designated Electronic Business (EB) point of contact in the Central Contractor Registration (CCR) is the person responsible for activating the company’s CAGE code in WAWF by calling 1-866-618-5988.

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

Under "Create New Document" select "Cost 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 Section B of the contract (e.g., 0001, 0002 or 0001AA, 0001AB, etc).

If the contract contains multiple accounting classification reference numbers (ACRNs), the ACRN(s) from which payment is to be made must be cited on the voucher. If more than one ACRN is cited, the voucher must indicate the amounts to be paid from each. Information may be obtained from the COR to assist the contractor in determining the appropriate ACRNs from which payment is to be made.

<b>ROUTING TABLE</b>	
<b>DATA REQUIRED FOR SUBMISSION OF INVOICE TO WAWF</b>	
Document Type	Cost Voucher
Contract Number	N00173-07-
Issued By DoDAAC	N00173
Admin By DoDAAC	
Pay DoDAAC	
LPO	N00173
Ship To DoDAAC	N00173 Extension
Service Acceptor	N00173 Extension
DCAA Auditor DoDAAC	
CAGE Code	

**IMPORTANT:** When submitting vouchers using WAWF, utilize the “**Send More Email Notifications**” function in WAWF. This additional notification is important to ensure the Government Acceptor is aware that the invoice documents have been submitted into the WAWF system.

<b>Send More Email Notifications</b>	
Acceptor email	@nrl.navy.mil

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.

For assistance with the WAWF system, you may contact the Navy WAWF Assistance Line : 1-800-559-WAWF(9293).

**SECTION H  
SPECIAL CONTRACT REQUIREMENTS**

**H-1 TYPE OF CONTRACT**

This is a \*

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

**H-2 ONR 5252.237-9705 - KEY PERSONNEL (DEC 88)**

(a) The Contractor agrees to assign to the contract tasks those persons whose resumes were submitted with its proposal and who are necessary to fulfill the requirements of the contract as "key personnel". No substitutions may be made except in accordance with this clause.

(b) The Contractor understands that during the first ninety (90) days of the contract performance period, no personnel substitutions will be permitted unless these substitutions are unavoidable because of the incumbent's sudden illness, death or termination of employment. In any of these events, the Contractor shall promptly notify the Contracting Officer and provide the information described in paragraph (c) below. After the initial ninety (90) day period the Contractor must submit to the Contracting Officer all proposed substitutions, in writing, at least thirty (30) days in advance (sixty (60) days if security clearance must be obtained) of any proposed substitution and provide the information required by paragraph (c) below.

(c) Any request for substitution must include a detailed explanation of the circumstances necessitating the proposed substitution, a resume for the proposed substitute, and any other information requested by the Contracting Officer. Any proposed substitute must have qualifications equal to or superior to the qualifications of the incumbent. The Contracting Officer or his/her authorized representative will evaluate such requests and promptly notify the Contractor of his/her approval or disapproval thereof.

(d) In the event that any of the identified key personnel cease to perform under the contract and the substitute is disapproved, the contract may be immediately terminated in accordance with the Termination clause of the contract.

The following are identified as key personnel: \*

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

Labor Category	First/M/Last Name
Senior Aerospace Engineer	*
Senior Electronic Engineering Technician	*

**H-3 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 12,040 total hours of direct labor for the Basic award, 12,040 for each of the four Option Years, 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 1,003 hours per month. 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:

<u>Labor Category</u>	<u>Labor Hours Basic Award and each Option, if exercised</u>
Senior Electronic Engineer	1,720
Electronic Engineer	1,720
Senior Aerospace Engineer	1,720
Aerospace Engineer	1,720
Mechanical Engineer	1,720
Senior Electronic Engineering Technician	1,720
Mechanical Engineering Technician	1,720
<b>TOTAL</b>	<b>12,040</b>

**H-4 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-5 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-6 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 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-7 ON-SITE USE OF GOVERNMENT PROPERTY**

It is anticipated that Government property will be used by the contractor's personnel in the performance of that portion of the contract performed on-site at the U.S. Naval Research Laboratory (NRL) including any of its field sites. Such use will be on a rent free basis and all such property shall be considered to remain in the possession and control of the NRL for property responsibility and accountability purposes.

**H-8 PROTECTION OF HUMAN SUBJECTS**

Any collection or analysis of data from human subjects must not commence until the contractor provides the following information per SECNAV 3900.39D 8.d. (1):

- (a) An appropriate DoD Navy Assurance or a Federalwide Assurance (FWA) with a DoD Navy addendum to the FWA, or an application for a DoD Navy Assurance.
- (b) Documentation of the Institutional Review Board's (IRBs) initial and continuing review and approval.
- (c) IRB-approved informed consent form, except when not required consistent with law and regulation.
- (d) IRB-approved research protocol.
- (e) Documentation that research ethics and human subject protections training has been completed by the contractor's principle investigators.

The contractor has responsibility for certain reporting requirements per SECNAV 3900.39D 8.d. (2).

**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)
52.204-4	-	Printed Or Copied Double-Sided On Recycled Paper (AUG 2000)
52.204-7	-	Central Contractor Registration (JUL 2006)
52.204-9	-	Personal Identity Verification Of Contractor Personnel (NOV 2006)
52.209-6	-	Protecting The Government's Interest When Subcontracting With Contractors Debarred, Suspended, Or Proposed For Debarment (SEP 2006)

- 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)  
( *will be included if the successful offeror does not propose facilities capital cost of 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 And Pricing Data Or Information Other Than Cost Or Pricing Data - Modifications (OCT 1997) - Alternate IV (OCT 1997)
- 52.216-7 - Allowable Cost And Payment (DEC 2002) (fill in 30th)
- 52.216-8 - Fixed-Fee (MAR 1997)
- 52.219-4 - Notice Of Price Evaluation Preference For HUBZone Small Business Concerns (JUL 2005)  Offeror elects to waive the evaluation preference.
- 52.219-8 - Utilization Of Small Business Concerns (MAY 2004)
- 52.219-9 - Small Business Subcontracting Plan (SEP 2006) - 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)
- 52.222-21 - Prohibition Of Segregated Facilities (FEB 1999)
- 52.222-26 - Equal Opportunity (MAR 2007)
- 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)
- 52.232-17 - 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)
- 52.242-13 - Bankruptcy (JUL 1995)
- 52.243-2 - Changes - Cost-Reimbursement (AUG 1987) - Alternate V (APR 1984)
- 52.244-5 - Competition In Subcontracting (DEC 1996)
- 52.244-6 - Subcontracts For Commercial Items (MAR 2007)
- 52.245-5 - Government Property (Cost-Reimbursement, Time-And-Material, Or Labor-Hour Contracts) (MAY 2004)
- 52.245-9 - Use And Charges (JUN 2007)
- 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 Air 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)
- 252.204-7000 - Disclosure Of Information (DEC 1991)
- 252.204-7003 - Control Of Government Personnel Work Product (APR 1992)
- 252.204-7004 - Alternate A (NOV 2003)
- 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 (DEC 2006)
  - 252.215-7000 - Pricing Adjustments (DEC 1991)
  - 252.215-7002 - Cost Estimating System Requirements (DEC 2006)
  - 252.215-7004 - Excessive Pass-Through Charges (APR 2007)
  - 252.219-7003 - Small Business Subcontracting Plan (DoD Contracts) (APR 2007)
  - 252.219-7004 - Small Business Subcontracting Plan (Test Program) (APR 2007)
  - 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 (JAN 2007)
  - 252.225-7013 - Duty Free Entry (OCT 2006)
  - 252.225-7043 - Antiterrorism/Force Protection Policy For Defense Contractors Outside The United States (MAR 2006) (fill in : Naval Criminal Investigative Service (NCIS), Code 24, telephone, DSN 228-9113 or commercial (202)433-9113)
  - 252.226-7001 - Utilization of Indian Organizations, Indian-Owned Economic Enterprises, And Native Hawaiian Small Business Concerns (SEP 2004)
  - 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)
  - 252.227-7030 - 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)
  - 252.232-7003 - Electronic Submission Of Payment Requests (MAY 2006)
  - 252.232-7010 - Levies On Contract Payments (DEC 2006)
  - 252.235-7010 - Acknowledgment Of Support And Disclaimer (MAY 1995)
  - 252.235-7011 - Final Scientific Or Technical Report (NOV 2004)
  - 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) (JAN 2007)
  - 252.245-7001 - Reports Of Government Property (MAY 1994)
  - 252.246-7001 - Warranty Of Data (DEC 1991)
  - 252.246-7003 - Notification Of Potential Safety Issues (JAN 2007)
  - 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)*

**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 - 6 Pages, With Exhibit A - DD Form 1423, Contract Data Requirements List, 3 Pages.
- J-2** Attachment (2) - DD Form 254, Contract Security Classification Specification, Ser 052-07 Dated 2007/06/28 - 2 Pages.
- 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>



**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 below in Section L-11.

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

The Government contemplates award of a Cost Plus Fixed Fee term type 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 or 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 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-9 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-10 VOLUME I - TECHNICAL/MANAGEMENT PROPOSAL**

REQUIRED COPIES: 1 ORIGINAL AND 2 COPIES

- (1) The offeror must propose the labor categories in accordance with the Level of Effort Breakdown in Section H. If the offeror uses labor category terminology other than that used in Section H, the offer 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:

#### **TECHNICAL UNDERSTANDING**

The proposal must demonstrate soundness and understanding of the following:

- 1) Concept for achievement of task assignment
- 2) Understanding of the interrelationships between the tasks
- 3) Understanding of each deliverable requirement
- 4) Understanding and experience of the technical requirements and the general nature of the tasks in the Statement of Work, including programs such as FINDER, Fuel Cell powered aircraft, and ONR 6.2-level research.

Simply stating the offeror understands the Statement of Work or restating the Statement of Work will not be considered responsive

#### **PERSONNEL QUALIFICATIONS**

The offeror shall describe the years of experience, educational background, past accomplishments, and previous work assignments that are similar in scope to the tasks in the Statement of Work, Attachment (1), including:

- 1) Qualifications of the personnel proposed sufficient to perform the work
- 2) Sufficient training in the technical areas of aeronautical, mechanical, and electrical engineering
- 3) Experience level of the personnel, past experience working in the technical areas of air vehicle design, electronic or information warfare
- 4) Demonstration of prior work in the technical areas of unmanned aerial vehicle development, electronic warfare and Information warfare countermeasures systems

#### **CORPORATE EXPERIENCE**

The offeror shall provide documentation to demonstrate ability of the offeror in performing work on similar contracts, company qualifications, background, and related experience to demonstrate the understanding of the technical problems related to the tasks, including:

- 1) Projects involving research in all task areas of the Statement of Work
- 2) Demonstration of project organization as it demonstrates assignment of personnel, defines the roles in accomplishing the tasks outlined in the Statement of Work
- 3) Demonstration of necessary skills to administer and perform work required
- 4) Demonstration of sufficient level of corporate experience in the technical areas of UAV design and development, electronic, and information warfare.

**L-11 VOLUME II - BUSINESS PROPOSAL**

REQUIRED COPIES: 1 ORIGINAL AND 2 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 offeror's 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-12 MULTIPLE AWARDS**

The Contracting Officer may make multiple awards resulting from this solicitation.

**L-13 TRAVEL AND MATERIAL ESTIMATES - FOR EVALUATION PURPOSES ONLY**

The travel and material set forth below must be included in each offeror's cost proposal. During the term of the contract, the contractor will be reimbursed actual and verifiable travel and material expenses.

- a) The Government estimates the travel costs for this effort is not to exceed \$75,000.00 per year.
- b) The Government estimates the material costs for this effort to be \$25,000.00 per year.
- c) The travel and material estimates are direct costs and the offeror should add applicable indirect costs, if any.

**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. The 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. The Technical and Cost factors are each more important than the Small Business Participation factor.

**M-2 EVALUATION FACTORS FOR AWARD**

Proposals will be evaluated in accordance with the following criteria. The technical factor is more important than the cost factor. Technical Understanding and Personnel Qualifications are of equal importance and more important than Corporate Experience.

**M-2-1. TECHNICAL/MANAGEMENT**

**(1) TECHNICAL UNDERSTANDING**

The proposals will be evaluated on the demonstrated soundness and understanding of each of the required task areas described in the Statement of Work and the understanding of the specialized technical issues and support requirements generated during the development of unmanned air vehicles and EW/IW countermeasures systems.

**(2) 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.

**(3) CORPORATE EXPERIENCE**

The proposals will be evaluated on the demonstrated ability of the offeror in performing work on similar contracts, company qualifications, background and related corporate experience in the technical areas of UAV design and development, electronic and information warfare (EW/IW).

**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-2-3 SMALL BUSINESS PARTICIPATION**

(a) The extent of participation of small businesses and historically black colleges or universities and minority institutions in performance of the contract will be evaluated on the basis of the proposed 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.

**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**

### **1.0 INTRODUCTION**

The Naval Research Laboratory (NRL) is deeply involved in advancing the fields of Electronic Warfare (EW), and Littoral Warfare. This Statement of Work (SOW) establishes and describes the contractor requirements and performance in support of NRL with emphasis on research, development, test, and analysis.

Modern air and surface defense systems are a sophisticated threat to the security of U.S. forces. EW encompasses the continuing requirement to pursue mission objectives in a hostile environment of current and projected threats. EW supports these and other functional warfare tasks by degrading the enemy's capability to acquire and engage friendly forces. Effective EW systems are required to insure the survival of U.S. forces and the successful completion of these mission objectives.

NRL has been tasked by ONR, NAVAIR, NAVSEA, and other DoD sponsors to be the Technical Program Manager for numerous developmental and management efforts related to development, installation, maintenance and operation of advanced EW systems and support structures, such as unmanned air vehicles. Responsibility includes the development of program plans and milestones, and the selection of feasible candidate concepts and designs to be analyzed, evaluated, developed, fabricated, integrated, and tested.

### **2.0 SCOPE**

The contractor shall provide specialized engineering expertise and technical support, travel and material to perform the tasks of this SOW. Task support shall cover the areas of fluid dynamics, stability and control, fabrication technology, digital avionics, systems design, structural analysis, mechanical hardware design and advanced software development, and wind tunnel & flight test support. This tasking will initially encompass development of the Flight Inserted Detection Expendable for Reconnaissance (FINDER) development effort, Fuel Cell – powered aircraft projects, and other research efforts.

### **3.0 TASKS**

As an overview, the contractor shall provide definition, design and evaluation of expendable unmanned air vehicles as follows:

a. provide design definition for optimized expendable air vehicles to include: aerodynamics, structural, flight control, packaging and launch system design;

b. make engineering evaluations and recommendations for selection of designs, testing and technologies in the low Reynolds number flight regime;

c. participate in wind tunnel, bench, and flight testing of unmanned air vehicle components and systems;

d. provide advanced design concepts of flight test vehicles for flight test articles, wind tunnel testing, and digital flight simulation.

### **3.1 Specific Tasking**

#### **3.1.1 Electronic Design, Fabrication and Evaluation**

The Contractor shall provide engineering design, analysis, and evaluation in the electronic development and testing of advanced EW systems and delivery vehicles. This shall include support for existing systems, as well as advanced concepts.

The Contractor shall design, develop, fabricate, and assemble electronic brass board hardware and conduct prototype tests to demonstrate and evaluate improved electronic performance for possible incorporation into both present and future advanced EW systems and delivery vehicles.

The Contractor shall attend design requirement reviews and critical hardware demonstrations at NRL, other DoD and Contractor facilities. The Contractor shall provide independent evaluations of the information obtained at the design, requirement reviews and critical hardware demonstrations.

The Contractor shall analyze and evaluate advanced EW test data to produce an effectiveness recommendation of the resulting electronic characteristics.

The Contractor shall analyze, develop and evaluate improved electronic designs and techniques relating to development of more effective EW systems.

The Contractor shall develop and implement computer simulations and models to evaluate the effectiveness and performance of the advanced EW systems. The Contractor shall perform simulations and deliver the results, along with conclusions and recommendations.

The Contractor shall analyze, evaluate design approaches, and recommend alternative designs and potential hardware sources to implement these designs.

### 3.1.2 Aerodynamic Design, Fabrication and Evaluation

The Contractor shall perform engineering design, analysis, test and evaluation support in the aerodynamic development and testing of expendable decoy and other unmanned aerial vehicles to be used for Off Board Countermeasures delivery systems and airborne reconnaissance missions.

The Contractor shall provide design definition for optimized expendable decoy and other unmanned aerial vehicles to include aerodynamics, structural, flight control, avionics, packaging, recovery and launch systems to maximize efficiency in the low Reynolds number flight regime.

The Contractor shall attend design requirement reviews and critical hardware demonstrations at NRL, other DoD and Contractor facilities. The Contractor shall provide independent evaluations of the information obtained at the design, requirement reviews and critical hardware demonstrations.

The Contractor shall participate in the evaluation and provide recommendations for the enhancement of advanced design concepts and fabrication technologies for digital flight simulation, wind tunnel testing, and primarily low Reynolds number flight vehicles.

The Contractor shall provide low cost fabrication technology for state-of-the-art composite structures.

The Contractor shall design, develop, fabricate, and assemble prototype aerodynamic flight test vehicle(s) and support hardware and conduct flight testing of prototype hardware to evaluate improved flight performance and aerodynamic characteristics for possible incorporation into future systems.

The Contractor shall analyze and evaluate test data in support of vehicle/systems testing.

The Contractor shall analyze and evaluate improved aerodynamic designs and deployment techniques relating to development of safe flight-worthy Off Board Countermeasure (OCM) EW systems.

The Contractor shall develop and implement aerodynamic computer simulations and models to evaluate Advanced EW vehicle performance. The Contractor shall perform simulations and deliver the results, along with conclusions and recommendations.

The Contractor shall analyze and evaluate design approaches, recommend alternative design and potential hardware sources.

### 3.1.3 Mechanical Design, Fabrication and Evaluation

The Contractor shall perform engineering design, analysis, and evaluation support in the mechanical development and testing of the advanced EW systems. The Contractor shall attend development design reviews and critical hardware demonstrations. The Contractor shall provide independent evaluations of the information obtained at the design reviews and hardware demonstrations.

The Contractor shall design, develop, fabricate, and assemble required mechanical test support hardware and conduct prototype tests to evaluate improved mechanical, stress and thermal performance for possible incorporation into future EW systems.

The Contractor shall analyze and evaluate test data to produce an independent evaluation of the resulting mechanical characteristics. The Contractor shall assess and report the operational realism of the tests.

The Contractor shall analyze and evaluate improved thermal and structural designs and techniques relating to development of longer lasting OCM EW systems.

The Contractor shall develop and implement thermal and structural computer simulations and models to evaluate advanced EW performance. The Contractor shall perform simulations and deliver the results, along with conclusions and recommendations.

The Contractor shall analyze and evaluate design approaches, recommend alternative designs and potential hardware sources.

### 3.1.4 Production Engineering and Technical Support

The Contractor shall evaluate and report on EW hardware, software, and systems production costs and recommended actions on manufacturing and production problems. The Contractor shall review the programmatic impact of production engineering changes, waivers and deviations on procurement. The Contractor shall provide technical evaluations(s) to address EW intelligence production capabilities, as well as production operations, processes, EW system integration and concept of operations.

The Contractor shall provide program analysis and planning to assess Navy requirements in the area of both EW and IW, including support for other sponsors pertaining to the development, planning, production and fielding of EW capabilities relating to both hardware and software.

The Contractor shall review technical and programmatic EW documentation for operational feasibility, effectiveness, and interoperability. The Contractor shall provide draft policy, instructions, and technical support papers in support of sponsor and programmatic requirements.

### 3.1.5 Systems Integration Support

The Contractor shall perform engineering and technical support for the installation and integration of the advanced EW systems and subsystems into Navy ships and aircraft.

The Contractor shall attend technical and design reviews at other airframe and hardware contractor facilities. The Contractor shall review these development and integration demonstrations, and produce and independent evaluation of the proposed design and installation.

The Contractor shall develop and provide recommendations and improvement options for design modifications, field tests, data requirements, logistics, costs and schedules associated with integration into Navy ships(s) and aircraft types.

The Contractor shall analyze and evaluate improved EW integration designs and requirements relating to development of more adaptable OCM EW systems.

#### 3.1.6 Systems/Subsystems Test Support

The Contractor shall perform developmental and technical field test support for developmental, proof-of-concept, and operational low Reynolds number flight vehicle systems. The Contractor shall perform reviews in determining the systems, personnel, logistics, specialized test equipment and facilities required to support field tests. The Contractor shall assist in test planning, preparation, setup, and recovery of test devices. The Contractor shall assist in the assembly and operation of specialized test equipment, data recording equipment, and in the processing and evaluation of data collected from numerous developmental tests including, but not limited to, wind tunnel, static, drone, and aircraft launches of decoy systems.

The Contractor shall develop and deliver engineering design, specification, and prototyping of specialized test support equipment. The Contractor shall determine test center and contractor requirements, and incorporate these requirements into the system management and milestone plans. The Contractor shall provide modification recommendations and engineering design and specification for installation of advanced EW test hardware into Navy ships and aircraft. The Contractor shall provide specialized test, analysis equipment and/or components.

The Contractor shall recommend facilities that may be used to analyze and evaluate improved concepts, designs and requirements relating to development of effective OCM systems.

### 3.1.7 Test Hardware

The Contractor shall provide electronic, aerodynamic and mechanical systems, components and models required to meet test schedules. This hardware may consist of specialized test equipment or components required to meet the analysis or flight test tasks described above in a timely manner. Examples of specialized hardware that may be required include, but shall not be limited to, unmanned aircraft fabrication materials, avionics components, special purpose microprocessors, system components, and software drivers for these devices, video or analog recording devices, special tools, fittings or jigs used for assembly or disassembly of decoys, pods etc.

### 3.1.8 Test Software

The Contractor shall provide software used for the collection, analysis, and display of EW systems and unmanned air vehicle performance data required to meet programmatic and test schedules. In some cases, this software may require the development or purchase of specialized hardware associated with the collection, analysis and display of this data. Examples of specialized software that may be required include, but shall not be limited to, databases, multimedia, and compilers. The Contractor provides software design documentation to the NRL for all efforts/tasks performed under this contract.

### 3.1.9 FINDER Specific Support

The contractor shall provide overall program support specific to the FINDER project in the following task areas:

Planning, scheduling, and execution of project reviews, technical interchange and integrated product team meetings.

Coordinating and conducting weekly system integration teleconferences.

Creating and maintaining a project schedule which will track project activity by all performers on the project.

Providing support in future program planning and transition activities.

Developing and updating system requirements and system architecture and design.

Developing system level mechanical, electrical, and data interfaces for FINDER and Predator interfaces.

Conducting System Integration Labs (SILs) to integrate and test the FINDER system software and hardware and Predator vehicle and Ground Control Station (GCS).

Developing system level documentation to include system requirements, system design, and system interface documentation.

Updating and testing existing FINDER and video Human Machine Interfaces (HMIs), FINDER Encoder/Decoder Software (FEDS), mission planner and imagery FalconView field of view display.

Providing support in the development of video and communications link hardware and software for integration of the FINDER L-Band video link into the Predator system.

Defining, developing and integrating a sensor guidance tracking capability which will provide FINDER navigation based on sensor pointing location.

Coordinating and supporting the evaluation and assessment of IR FMV imagers for upgrade consideration.

Performing systems analysis and trade studies to support evaluation of candidate imagers.

Providing support in the integration flight testing of FINDER.

Providing support in the planning and execution of a Predator deployed Spectre-FINDER flight demonstration at Edwards or Nellis Air Force Bases.

#### 3.1.10 FINDER Training

The contractor shall develop and maintain training material and execute training program(s) for Spectre-FINDER operators and maintainers and develop and maintain Tech Order-Like documentation.

The contractor shall provide support for transition of FINDER from NRL and the Defense Threat Reduction Agency (DTRA) to the Air Force Special Operations Command (AFSOC).

**CONTRACT DATA REQUIREMENTS LIST**

(1 Data Item)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 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.

<b>A. CONTRACT LINE ITEM NO.</b> 0002	<b>B. EXHIBIT</b> A	<b>C. CATEGORY:</b> TOP _____ TM _____ OTHER <u>F</u>
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<b>D. SYSTEM/ITEM</b>	<b>E. CONTRACT/PR NO.</b> 57-1032-07	<b>F. CONTRACTOR</b>
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<b>1 DATA ITEM NO.</b> A001	<b>2. TITLE OF DATA ITEM</b> Contractor On-Site Labor Report	<b>3 SUBTITLE</b>
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> N/A	<b>5. CONTRACT REFERENCE</b> SOW	<b>6. REQUIRING OFFICE</b> NRL CODE 5713
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<b>7 DD 250 REQ</b> LT	<b>9. DIST STATEMENT REQUIRED</b> N/A	<b>10. FREQUENCY</b> MTHLY	<b>12. DATE OF FIRST SUBMISSION</b> 30 DAC	<b>14. DISTRIBUTION</b>		
<b>8. APP CODE</b> N/A		<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b>	a. ADDRESSEE	b. COPIES	
					Draft	Reg

<b>16. REMARKS</b> The Contractor shall deliver the On-Site Labor Report no later than five (5) days after the end of each reporting month. The report must include as a minimum the following data:  Reporting Period: Contract Number (and Order Number, if applicable): Contract Value: Current Funding: Amount Expended in Current Period: Total Expended to Date: Percentage of Contract (Financially) Complete: 30 Day Funds Expenditure Prediction: Detailed Breakout Indicating Materials Purchased For Each Separate Project: Detailed Breakout of Billing of Subcontractors (To Include Total Value and Payments to Date): Date Submitted:  Labor (including subcontractors) - Show employee name, number of hours, and total amount billed for contractor employees working on-site at NRL. If the contractor employees worked on multiple tasks (as defined by the COR), the numbers of hours worked on each task must be shown separately.	COR 5713	0	1	0	
	AO 5702	0	1	0	
	<b>15. TOTAL</b> →	0	2	0	

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> NRL Code 5713	<b>H. DATE</b> 5/10/2007	<b>I. APPROVED BY</b>	<b>J. DATE</b>
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**CONTRACT DATA REQUIREMENTS LIST**  
(2 Data Items)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 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.

<b>A. CONTRACT LINE ITEM NO.</b> 0002	<b>B. EXHIBIT</b> A	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____
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<b>D. SYSTEM/ITEM</b>	<b>E. CONTRACT/PR NO.</b> 57-1032-07	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> A002	<b>2. TITLE OF DATA ITEM</b> Monthly Progress Reports	<b>3. SUBTITLE</b>
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<b>4. AUTHORITY (Data Acquisition Document No.)</b>	<b>5. CONTRACT REFERENCE</b> SOW	<b>6. REQUIRING OFFICE</b> NRL Code 5713
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<b>7. DD 250 REQ</b> L I	<b>9. DIST STATEMENT REQUIRED</b> N/A	<b>10. FREQUENCY</b> MTHLY	<b>12. DATE OF FIRST SUBMISSION</b> 15th	<b>14. DISTRIBUTION</b>		
<b>8. APP CODE</b> N/A		<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b> 15th	<b>a. ADDRESSEE</b>	<b>b. COPIES</b>	
					Draft	Final
					Reg	Repro

**16. REMARKS**  
The contractor shall provide a Monthly Progress Report that describes the technical and programmatic progress for the previous month and planning efforts for upcoming or open tasks. The report shall be delivered prior to the 15th calendar day of each month.

COR 5713		1	
<b>15. TOTAL</b>	0	1	0

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>1. DATA ITEM NO.</b> A003	<b>2. TITLE OF DATA ITEM</b> Technical Reports	<b>3. SUBTITLE</b>
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<b>4. AUTHORITY (Data Acquisition Document No.)</b>	<b>5. CONTRACT REFERENCE</b> SOW	<b>6. REQUIRING OFFICE</b> NRL Code 5713
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<b>7. DD 250 REQ</b> L I	<b>9. DIST STATEMENT REQUIRED</b> N/A	<b>10. FREQUENCY</b> ASREQ	<b>12. DATE OF FIRST SUBMISSION</b> ASREQ	<b>14. DISTRIBUTION</b>		
<b>8. APP CODE</b> N/A		<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b>	<b>a. ADDRESSEE</b>	<b>b. COPIES</b>	
					Draft	Final
					Reg	Repro

**16. REMARKS**  
The Contractor shall provide a Technical Report that describes the details and status of specific supported program technical subtasks such as threat analysis, flight tests, effectiveness tests of fabrication of specialized test equipment. This report is to be provided on an as needed basis. This report shall be delivered no later than 30 calendar days after completion of the subtask or no later than 30 calendar days after notification by the COR that the report is required.

COR 5713		1	
<b>15. TOTAL</b>	0	1	0

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> NRL Code 5713	<b>H. DATE</b> 5/10/2007	<b>I. APPROVED BY</b>	<b>J. DATE</b>
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<b>DEPARTMENT OF DEFENSE                  CONTRACT SECURITY CLASSIFICATION SPECIFICATION</b> <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i>				<b>1. CLEARANCE AND SAFEGUARDING</b> a. FACILITY CLEARANCE REQUIRED <p style="text-align: center;"><b>SECRET</b></p> b. LEVEL OF SAFEGUARDING REQUIRED <p style="text-align: center;"><b>SECRET</b></p>	
<b>2. THIS SPECIFICATION IS FOR:</b> <i>(X and complete as applicable)</i>			<b>3. THIS SPECIFICATION IS:</b> <i>(X and complete as applicable)</i>		
<input checked="" type="checkbox"/>	a. PRIME CONTRACT NUMBER <p style="text-align: center;">N00173-07-R-JS07</p>	<input checked="" type="checkbox"/>	a. ORIGINAL <i>(Complete date in all cases)</i> <p style="text-align: center;">2007/06/28</p>	DATE (YYYYMMDD)	
	b. SUBCONTRACT NUMBER		b. REVISED <i>(Supersedes all previous specs)</i>	REVISION NO.	DATE (YYYYMMDD)
	c. SOLICITATION OR OTHER NUMBER	DUE DATE (YYYYMMDD)			c. FINAL <i>(Complete Item 5 in all cases)</i>
<b>4. IS THIS A FOLLOW-ON CONTRACT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: Classified material received or generated under _____ <i>(Preceding Contract Number)</i> is transferred to this follow-on contract.					
<b>5. IS THIS A FINAL DD FORM 254?</b> <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 _____.					
<b>6. CONTRACTOR</b> <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		
<b>7. SUBCONTRACTOR</b>					
a. NAME, ADDRESS, AND ZIP CODE		b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>		
N/A			N/A		
<b>8. ACTUAL PERFORMANCE</b>					
a. LOCATION		b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>		
N/A			N/A		
<b>9. GENERAL IDENTIFICATION OF THIS PROCUREMENT</b> CONTRACTUAL SUPPORT SERVICES FOR ONGOING OFFBOARD COUNTERMEASURES PROGRAMS.					
<b>10. CONTRACTOR WILL REQUIRE ACCESS TO:</b>					
	YES	NO	<b>11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:</b>		
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 type="checkbox"/>
b. RESTRICTED DATA		<input checked="" type="checkbox"/>	b. RECEIVE CLASSIFIED DOCUMENTS ONLY		<input type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		<input checked="" type="checkbox"/>	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL		<input type="checkbox"/>
d. FORMERLY RESTRICTED DATA		<input checked="" type="checkbox"/>	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE		<input type="checkbox"/>
e. INTELLIGENCE INFORMATION		<input checked="" type="checkbox"/>	e. PERFORM SERVICES ONLY		<input 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 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 type="checkbox"/>
f. SPECIAL ACCESS INFORMATION		<input checked="" type="checkbox"/>	h. REQUIRE A COMSEC ACCOUNT		<input type="checkbox"/>
g. NATO INFORMATION		<input checked="" type="checkbox"/>	i. HAVE TEMPEST REQUIREMENTS		<input type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION		<input checked="" type="checkbox"/>	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS		<input type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION		<input checked="" type="checkbox"/>	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE		<input type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION		<input checked="" type="checkbox"/>	l. OTHER <i>(Specify)</i>		<input type="checkbox"/>
k. OTHER <i>(Specify)</i>					

**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 5712

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affa's)\* 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 refer to, 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.

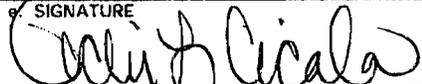
**14. ADDITIONAL SECURITY REQUIREMENTS.** Requirements, in addition to ISM requirements, are established for this contract.  Yes  No  
 (If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. 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 (Include Area Code)
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 1226.2, 5702, 5712

## **PERSONNEL QUALIFICATIONS**

Due to the sensitive nature of these developmental programs, All personnel proposed for this contract effort must be U.S. citizens with at least the security clearances listed. As hardware development and testing of these systems takes place at a wide range of Government and contractor facilities, personnel proposed must be willing to travel at least one (1) week per month in support of these activities.

Senior Electronic Engineer: Must have a Bachelors degree in Electronic Engineering with a minimum of fifteen (15) years experience, and extensive management background in Electronic Warfare (EW) systems development programs. Experience with computer simulations and Offboard Countermeasures systems desired. Must be qualified for SECRET security clearance, or currently active clearance required.

Electronic Engineer: Must have a Bachelors degree in Electronic Engineering with a minimum of five (5) years experience with digital, high voltage circuits and equipment. Experience with computer simulations, EW and/or radar systems desired. SECRET clearance required.

Senior Aerospace Engineer: Must have a Bachelors degree in Aeronautical Engineering with a minimum of fifteen (15) years experience with aircraft and/or drone systems development, integration and testing. Extensive management background in small aerodynamic vehicle development programs. Experience with Offboard Countermeasures systems desired. Qualified for SECRET security clearance or currently active clearance required.

Aerospace Engineer: Must have a Bachelors degree in Aeronautical Engineering with a minimum of five (5) years experience in design, development and testing of aircraft and/or drone systems. Experience with small supersonic aerodynamic vehicles desired. SECRET clearance required.

Mechanical Engineer: Must have a Bachelors degree in Mechanical Engineering with a minimum of five (5) years experience in design, development and testing of electromechanical devices for use on ship, aircraft and/or drone systems. SECRET clearance required.

Senior Electronic Engineering Technician: Must have ten (10) years minimum in electronic systems design, digital systems design, high and low voltage power systems design and/or operation. SECRET clearance required.

Mechanical Engineering Technician: Must have a minimum of five (5) years experience with maintenance, operation and modification of electronic and mechanical systems. SECRET clearance required.