

SOLICITATION, OFFER AND AWARD		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING DO-C9		PAGE OF 1 17 PAGES	
2. CONTRACT NO.		3. SOLICITATION NO. N00173-03-R-DL08		4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)		5. DATE ISSUED 08 May 03	
7. ISSUED BY CONTRACTING OFFICER NAVAL RESEARCH LABORATORY 4555 OVERLOOK AVENUE SW WASHINGTON DC 20375-5326 ATTN: CODE: 3220.dl		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 See Section L-3 until 4:00 local time 09 Jun 03
(Hour) (Date)

CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-10. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR INFORMATION CALL:		A. NAME Dian Lockamy	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 202-767-3782
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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 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 NO. (Include area code)		15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.		17. SIGNATURE	
15B. TELEPHONE NO. (Include area code)		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)		ITEM	
24. ADMINISTERED BY (If other than Item 7) CODE		25. PAYMENT WILL BE MADE BY CODE		26. AWARD DATE	
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 OR SERVICES AND PRICES/COSTS

ITEM NUMBER	SUPPLIES OR SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
0001	Fabricate and Install Demountable Clean Rooms	2	ea	\$	\$
0002	Clean room air handlers	2	ea	\$	\$
0003	Clean room plenums, return ductwork, walls, floor, and ceiling	1	LO	\$	\$
0004	OMSI Manuals and as-builts	1	LO	\$	\$
0005	Training, in accordance with SOW, para 7.1	1	LO	\$	\$
0006	Final Acceptance of completed clean room system	1	LO	\$	\$

TOTAL DOLLAR AMOUNT FOR CLINs*: \$

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

C-1 Items furnished under this contract shall comply with Attachment (1), Statement of Work with Exhibit A, Drawings; Exhibit B Specifications; Exhibit C, Hood Zone 7 DUV Spinner; Exhibit D, Hood Zone 7 DUV Acid Dev; Exhibit E, Hood Zone 8 Develop Stat; Exhibit F, Hood Zone 8 Solvent Stat and Exhibit G, DD Form 1423, Contracts Data Requirements List. Exhibits A through F are incorporated by reference and are available at <http://heron.nrl.navy.mil/contracts/RFP/03dl08.htm> for review.

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 08 October 2002 which are hereby incorporated by reference. The full text is available at <http://heron.nrl.navy.mil/contracts/home.htm>.

**SECTION D
PACKAGING AND MARKING**

D-1 Preservation, packaging, packing and marking of all deliverable contract line items must conform to normal commercial packing standards to assure safe delivery at destination.

D-2 The Contractor shall mark all shipments under this contract in accordance with the edition of ASTM-D-3951-90 "Standard Practice for Commercial Packaging" in effect on the date of the contract.

**SECTION E
INSPECTION AND ACCEPTANCE**

E-1 INSPECTION AND ACCEPTANCE CLAUSES BY REFERENCE:

FAR CLAUSE TITLE

52.246-2 - Inspection Of Supplies - Fixed -Price (AUG 1996)

52.246-16 - Responsibility For Supplies (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 BY REFERENCE:

FAR CLAUSE TITLE

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

F-2 FAR 52.211-8 - TIME OF DELIVERY (JUN 1997)

(a) The Government requires delivery to be made according to the following schedule:

REQUIRED DELIVERY SCHEDULE		
Item No.	Quantity	Within Days After Date Of Contract
0001	2 ea.	100
0002	2 ea.	120
0003	1 lot	130
0004	1 lot	140
0005	1 lot	150

The Government will evaluate equally, as regards time of delivery, offers that propose delivery of each quantity within the applicable delivery period specified above. Offers that propose delivery that will not clearly fall within the applicable required delivery period specified above, will be considered nonresponsive and rejected. The Government reserves the right to award under either the required delivery schedule or the proposed delivery schedule, when an offeror offers an earlier delivery schedule than required above. If the offeror proposes no other delivery schedule, the required delivery schedule above will apply.

OFFEROR'S PROPOSED DELIVERY SCHEDULE		
Item No.	Quantity	Within Days After Date Of Contract

(b) Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed, or otherwise furnished to the successful offeror, results in a binding contract. The Government will mail or otherwise furnish to the offeror an award or notice of award not later than the day award is dated. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails. However, the Government will evaluate an offer that proposes delivery based on the Contractor's date of receipt of the contract or notice of award by adding (i) five calendar days for delivery of the award through the ordinary mails

or (ii) one working day if the solicitation states that the contract or notice of award will be transmitted electronically. (The term "working day" excludes weekends and U.S. Federal holidays.) If, as so computed, the offered delivery date is later than the required delivery date, the offer will be considered nonresponsive and rejected.

F-3 PLACE OF DELIVERY - FOB DESTINATION

The contractor shall deliver supplies, all transportation charges paid, to destination in accordance with the clause in Section F of the Schedule titled FAR 52.247-34 FOB Destination (NOV 1991).

Receiving Officer
Naval Research Laboratory
Contract Number
ATTN: *
CODE: *
LOCATION: *
Bldg. 49
4555 Overlook Avenue, SW
Washington DC 20375-5320

(* To be filled in at time of award.)

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 TECHNICAL MANAGER - FUNCTIONS AND LIMITATIONS

* is hereby designated the cognizant Technical Manager who will represent the Contracting Officer in the administration of technical details within the scope of this contract and inspection and acceptance. The Technical Manager is not otherwise authorized to make any representations or commitments of any kind on behalf of the Contracting Officer or the Government. The Technical Manager 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 Technical Manager, after review and signature of the "Material Inspection and Receiving Report, DD Form 250, If applicable, will forward a copy to the Administrative Contracting Officer.

(* To be filled in at time of award)

G-3 NAPS 5252.232-9000 - SUBMISSION OF INVOICES (FIXED PRICE) (JUL 1992)

(a) "Invoices" as used in this clause does not include contractor's requests for progress payments.

(b) The contractor shall submit original invoices with 4 copies to the address identified in the solicitation/contract award form (SF 26-Block 10; SF 33-Block 23; SF 1447-Block 14), unless delivery orders are applicable, in which case invoices will be segregated by individual order and submitted to the address specified in the order (DD 1155-Block 13 or SF 26-Block 10).

(c) The use of copies of the Material Inspection and Receiving Report (MIRR), DD Form 250, as an invoice is encouraged. DFARS Appendix F-306 provides instructions for such use. Copies of the MIRR used as an invoice are in addition to the standard distribution stated in DFARS F-401.

(d) In addition to the requirements of the Prompt Payment clause of this contract, the contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), if applicable; the accounting classification reference number (ACRN) as identified on the financial accounting data sheets, and the payment terms.

(e) The contractor shall prepare:

- a separate invoice for each activity designated to receive the supplies or services.
 a consolidated invoice covering all shipments delivered under an individual order.
 either of the above.

(f) If acceptance is at origin, the contractor shall submit the MIRR or other acceptance verification directly to the designated payment office. If acceptance is at destination, the consignee will forward acceptance verification to the designated payment office.

G-4 INVOICING ADDRESS

With reference to paragraph (b) of the above provision, "Submission of Invoices(Fixed Price)", the contractor shall submit invoices to the address in Block 12 of the contract award form (SF26).

**SECTION H
SPECIAL CONTRACT REQUIREMENTS**

H-1 TYPE OF CONTRACT

(To be filled in at time of award)

H-2 REPRESENTATIONS AND CERTIFICATIONS

The Contractor's completed Representations, Certifications, and Other Statements of Offerors or Respondents is incorporated herein by reference in any resultant award.

(*To be filled in at time of award)

H-3 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-4 GOVERNMENT -FURNISHED PROPERTY

The following Government property will be furnished to the contractor on a rent-free basis for use in performing the contract: See paragraph 6.3.3 of the statement of work.

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

I-1 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.arnet.gov/far>
<http://heron.nrl.navy.mil/contracts/home.htm>

a. FEDERAL ACQUISITION REGULATION CLAUSES

<u>FAR CLAUSE</u>	<u>TITLE</u>
52.202-1	- Definitions (DEC 2001)

- 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 (JUL 1995)
- 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 (JUN 1997)
- 52.204-4 - Printed Or Copied Double-Sided On Recycled Paper (AUG 2000)
- 52.209-6 - Protecting The Government's Interest When Subcontracting With Contractors Debarred, Suspended, Or Proposed For Debarment (JUL 1995)
- 52.211-5 - Material Requirements (AUG 2000)
- 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)
- 52.215-14 - Integrity Of Unit Prices (OCT 1997)
- 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*)
- 52.215-21 - Requirements For Cost Or Pricing Data Or Information Other Than Cost Or Pricing Data-Modifications (OCT 1997)
- 52.219-4 - Notice Of Price Evaluation Preference For HUBZone Small Business Concerns (JAN 1999) Offeror elects to waive the evaluation preference.
- 52.219-8 - Utilization Of Small Business Concerns (OCT 2000)
- 52.219-9 - Small Business Subcontracting Plan (JAN 2002)
- 52.219-16 - Liquidated Damages – Subcontracting Plan (JAN 1999)
- 52.222-3 - Convict Labor (AUG 1996)
- 52.222-19 - Child Labor – Cooperation With Authorities And Remedies (SEP 2002)
- 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 (DEC 2001)
- 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 (DEC 2001)
- 52.223-3 - Hazardous Material Identification And Material Safety Data (JAN 1997)
- 52.223-5 - Pollution Prevention and Right-To-Know Information (APR 1998)
- 52.223-6 - Drug-Free Workplace (MAY 2001)
- 52.223-14 - Toxic Chemical Release Reporting (OCT 2000)
- 52.225-13 - Restrictions On Certain Foreign Purchases (JUL 2000)
- 52.227-1 - Authorization And Consent (JUL 1995)
- 52.227-2 - Notice And Assistance Regarding Patent And Copyright Infringement (AUG 1996)
- 52.228-5 - Insurance - Work on a Government Installation (JAN 1997)
- 52.229-3 - Federal, State, And Local Taxes (JAN 1991)
- 52.229-5 - Taxes - Contracts Performed In U.S. Possessions Or Puerto Rico (APR 1984)
- 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 (NOV 1999)

- 52.232-1 - Payments (APR 1984)
- 52.232-8 - Discounts For Prompt Payment (FEB 2002)
- 52.232-9 - Limitation On Withholding Of Payments (APR 1984)
- 52.232-11 - Extras (APR 1984)
- 52.232-23 - Assignment Of Claims (JAN 1986)
- 52.232-25 - Prompt Payment (FEB 2002)
- 52.232-33 - Payment By Electronic Funds Transfer-Central Contractor Registration (MAY 1999)
- 52.233-1 - Disputes (JUL 2002)
- 52.233-3 - Protest After Award (AUG 1996)
- 52.237-2 - Protection Of Government Buildings, Equipment, And Vegetation (APR 1984)
- 52.242-13 - Bankruptcy (JUL 1995)
- 52.243-1 - Changes - Fixed Price (AUG 1987)
- 52.244-5 - Competition In Subcontracting (DEC 1996)
- 52.244-6 - Subcontracts For Commercial Items (MAY 2002)
- 52.245-9 - Use And Charges (APR 1984)(DEVIATION)
- 52.246-23 - Limitation of Liability (FEB 1997)
- 52.247-66 - Returnable Cylinders (MAY 1994)
- 52.248-1 - Value Engineering (FEB 2000)
- 52.249-2 - Termination For Convenience Of The Government (Fixed Price) (SEP 1996)
- 52.249-8 - Default (Fixed-Price Supply And Service) (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)

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 (MAR 1999)
- 252.204-7003 - Control Of Government Personnel Work Product (APR 1992)
- 252.204-7004 - Required Central Contractor Registration (NOV 2001)
- 252.205-7000 - Provision Of Information To Cooperative Agreement Holders (DEC 1991)
- 252.209-7000 - Acquisition From Subcontractors Subject To On-Site Inspection Under The Intermediate-Range Nuclear Forces (INF) Treaty (NOV 1995)
- 252.209-7004 - Subcontracting With Firms That Are Owned Or Controlled By The Government Of A Terrorist Country (MAR 1998)
- 252.219-7003 - Small, Small Disadvantaged And Women-Owned Small Business Subcontracting Plan (DoD Contracts) (APR 1996)
- 252.223-7006 - Prohibition On Storage And Disposal Of Toxic And Hazardous Materials (APR 1993)
- 252.225-7001 - Buy American Act And Balance Of Payments Program (MAR 1998)
- 252.225-7002 - Qualifying Country Sources As Subcontractors (DEC 1991)
- 252.225-7012 - Preference For Certain Domestic Commodities (FEB 2003)
- 252.225-7016 - Restriction On Acquisition Of Ball And Roller Bearings (DEC 2000)
- 252.225-7025 - Restriction On Acquisition Of Forgings (JUN 1997)
- 252.225-7031 - Secondary Arab Boycott Of Israel (JUN 1992)
- 252.225-7036 - Buy American Act - North American Free Trade Agreement Implementation Act

- Balance Of Payments Program (MAR 1998)
- 252.226-7001 - Utilization of Indian Organizations and Indian-Owned Economic Enterprises-DoD Contracts (SEP 2001)
- 252.231-7000 - Supplemental Cost Principles (DEC 1991)
- 252.232-7003 - Electronic Submission Of Payment Requests (MAR 2003)
- 252.242-7000 - Postaward Conference (DEC 1991)
- 252.242-7004 - Material Management And Accounting System (DEC 2000)
- 252.243-7002 - Requests For Equitable Adjustment (MAR 1998)
- 252.243-7001 - Pricing Of Contract Modifications (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 - 6 Pages.
- J-2 EXHIBIT A – Drawings **
- J-3 EXHIBIT B – Specifications **

- J-4 EXHIBIT C – Hood Zone 7 DUV Spinner **
- J-5 EXHIBIT D – Hood Zone 7 DUV Acid Dev **
- J-6 EXHIBIT E - Hood Zone 8 Develop Stat **
- J-7 EXHIBIT F – Hood Zone 8 Solvent Stat**
- J-8 EXHIBIT G – DD Form 1423, contract Data Requirements – 1 page
- J-9 Attachment (2) - Accounting and Appropriation Data. 1 page. *
(* To be included at time of award)

****Exhibits A through F are located at <http://heron.nrl.navy.mil/contracts/RFP/03dl08.htm>**

**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

Each Offeror must submit a completed 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/rep&certs.htm>

Use Representations and Certifications: A

K-2 FILL IN FOR FAR 52.219-1 - SMALL BUSINESS PROGRAM REPRESENTATIONS (MAR 2001)

The fill in information is as follows:

The NAICS code for this acquisition is 332311

The small business size standard is 500

**SECTION L
INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS OR RESPONDENTS**

L-1 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.arnet.gov/far>

<http://heron.nrl.navy.mil/contracts/home.htm>

FAR CLAUSE TITLE

- 52.204-6 - Data Universal Numbering System (DUNS) Number (JUNE 1999)
 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 (MAY 2001)
 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 lockamy@contracts.nrl.navy.mil (primary) or bays@contracts.nrl.navy.mil (alternate) in either Microsoft Word (version 97 or earlier) or pdf format.
 52.215-16 - Facilities Capital Cost Of Money (OCT 1997)
 52.219-24 - Small Disadvantaged Business Participation Program - Targets (OCT 2000)
 52.237-1 - Site Visit (APR 1984)

DFAR CLAUSE TITLE

- 252.209-7001 - Disclosure Of Ownership Or Control By The Government Of A Terrorist Country (MAR 1998)

L-2 SITE VISIT SCHEDULE

(a) A site visit will be conducted on May 22, 2003, 1:30PM. Offerors must contact Dian Lockamy, 202-767-3782, on or before May 19, 2003 to be scheduled for the site visit. A limit of 2 representatives from each company is requested.

- (1) The contractors must bring hard hats to be worn during the site visit.

L-3 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 overnight delivery services shall be addressed to:

Contracting Officer, ATTN: Code 3220

Naval Research Laboratory(NRL)

4555 Overlook Avenue, S.W.

Washington, D.C. 20375

Solicitation/RFP No. – N00173-03-R-DL08

Closing Date and Time: As stated on Page 1.

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-4 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-5 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 : See L-11
- (c) Offerors should provide information to enable the Contracting Officer to determine that the proposed price is fair and reasonable. Such information could include published price lists, information on previous sales of the same or similar items, or the projected costs of fabricating and installing the item (material costs, labor costs, etc).

L-6 FAR 52.216-1 - TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a Firm Fixed Price Supply contract resulting from this solicitation.

L-7 FAR 52.233-2 - SERVICE OF PROTEST (AUG 1996)

(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 General Accounting Office (GAO) shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from the Receptionist 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-8 GOVERNMENT-FURNISHED PROPERTY

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

L-9 INQUIRIES CONCERNING THE RFP

Any questions concerning the RFP must be submitted in writing to the Contracting Officer at the location noted in blocks 7 and 9 of the Standard Form 33, "Solicitation, Offer and Award," no less than fifteen (15) days before closing. The Government will not consider questions received after this date. Offerors are cautioned against directing any questions concerning this RFP to technical personnel at the Naval Research Laboratory.

L-10 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. Offerors are encouraged to use recycled paper and maximize the use of double sided copying when preparing responses to solicitations.

L-11 VOLUME I - TECHNICAL/MANAGEMENT PROPOSAL

REQUIRED COPIES: 1 ORIGINAL AND 2 COPIES .

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

A. Technical Specification Compliance and Competence

The proposal provided must clearly demonstrate the offeror's ability to meet the specifications for Clean Rooms 7 and 8 in Building 250 as stated in the SOW. It must clearly demonstrate the offeror's understanding of the technical requirements necessary to fabricate and install a Class 100 Clean Room as well as the offeror's technical expertise in this area. Description of all aspects of the fabrication and installation of the clean rooms should be provided – with special emphasis on the installation of the new facility next to operating clean rooms and within the volume designated for this facility. The offeror should address how material will be delivered to the installation area of the clean rooms and to the mechanical space. The offeror must demonstrate that the proposed capability meets or exceeds performance requirements.

B. Critical Component Review

The proposal provided must clearly demonstrate the offeror's ability to meet the specification for Clean Rooms 7 and 8 in Building 250 as stated in the SOW. It must clearly demonstrate the offeror's understanding of the technical requirements necessary to provide a Class 100 Clean Room as well as the offeror's technical expertise in this area. The offeror should provide detail data sheets describing these components: the fabrication and performance of the clean room wall panels, fabrication and performance of the air handling units, fabrication of the access floor system, and any other information that the offeror believes will help the government evaluate the offeror's understanding of the project.

C. Corporate Experience

Proposals must provide a narrative description of the company experience on projects with tasks similar to those required in the Statement of Work. The experience to be addressed includes (1) clean room fabrication and installation, (2) complete testing and performance assessment of clean rooms and (3) integration of clean rooms into existing facilities.

D. Past Performance Information

- (a) Offerors shall submit the following information as part of their proposal. (Offerors are encouraged to submit the information prior to the other parts of the proposal to assist the government in reducing the length of the evaluation period.) List the last 6 contracts or subcontracts completed by the offeror or predecessor companies during the past 4 years for services similar in nature to the requirement. Include in the 6 any current contracts or subcontracts for similar services that were awarded at least one year prior to the date of the solicitation. Offerors with no similar previous or current contracts should provide the requested information for proposed subcontractors that will perform major or critical aspects of the requirement or for the project manager or key personnel responsible for major or critical aspect of the requirements.
1. Name of the contracting organization
 2. Contract number
 3. Contract type
 4. Total contract value
 5. Description of the contract work
 6. Contracting officer and telephone number
 7. Contracting officer's representative, program manager, or similar official and telephone number
- (b) Offerors shall contact the contracting organizations identified pursuant to paragraph (a) as soon as possible and request them to send past performance information on the identified contracts to the address in Block 7 of the face page of the solicitation. The past performance report which is available electronic in full text at <http://heron.nrl.navy.mil/contracts/home.htm> is to be provided to the contracting organization for this purpose. If the contracting organization has already collected past performance information on the contract pursuant to FAR Subpart 42.15, the format used to collect the information may be used instead of the past performance report.
- (c) Offerors may include in their proposal specific information relating to problems encountered in performing identified contracts and any corrective actions by the offeror. Offeror should not provide general information on their performance on the identified contracts, as this will be obtained from the contracting organization.

L-12 VOLUME II - BUSINESS PROPOSAL

REQUIRED COPIES: 1 ORIGINAL AND 2 COPIES

(1) PRICE PROPOSAL

The offeror shall submit a business proposal that includes a price proposal with supporting information. 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 the price.

(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 2000), 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.

(b) Proposals must also include information to permit evaluation of the extent of participation of small disadvantaged business concerns in performance of the contract. See the provision at FAR 52.219-24, Small Disadvantaged Business Participation Program--Targets (OCT 2000), and the clause at 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (OCT 1999). Any targets will be incorporated into and become part of any resulting contract. 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.

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 price and other factors considered. The Government reserves the right to make award to other than the low offeror.

M-2 EVALUATION FACTORS FOR AWARD

Proposals will be evaluated in accordance with the following criteria. The technical factor is more important than the critical Component Review factor, the Past Performance factor is more important than the Corporate Experience Factor.

M-2-1. TECHNICAL/MANAGEMENT

A. Technical Specification Compliance and Competence

The proposal will be evaluated based upon the offeror's technical capability in meeting the requirement for Clean Rooms 7 and 8, Building 250 described in the Statement of Work (SOW). The proposal, which best meets or exceeds the specifications in the SOW will be rated the highest in this category. The Technical Competence of the offeror will be evaluated on the basis of the knowledge demonstrated in the understanding of the requirements of fabricating and

installing the clean rooms in the designated volume within Building 250. Technical information on the proposed fabrication and installation of the facility must show the offeror's ability to meet critical performance specifications.

B. Critical Component Review

The proposal will be evaluated based upon the offeror's selection of critical components to be used in fabrication and installation in the facility. Since the fabrication and installation of a clean room includes key components, which impact the performance of the clean room system, this is being evaluated separately from the technical approach. This criterion will examine the use of critical material/components and how their selection will meet the required specifications. These materials will be judged both on their own merit as well as how they will perform in the total system.

C. Corporate Experience

The proposal will be evaluated based upon the offeror's corporate expertise in work, which is closely related to the effort required in the Statement of Work. The experience of the offeror and proposed subcontractors will be evaluated for appropriate expertise in the technical fields relevant to the fabrication, assembly/installation and testing of clean rooms.

D. Past Performance Information

Past performance will be evaluated on the basis of the quality of the work performed or supplies delivered and timeliness of performance or delivery. The evaluation will be based on the information provided pursuant to Section L and other sources if available. The evaluation will take into account past performance information regarding predecessor companies, subcontractors that will perform major or critical aspects of the requirement. Offeror that have no relevant performance history or for which past performance is not available will not be evaluated favorably or unfavorably on past performance. The government may begin proposal evaluation prior of past performance prior to the receipt of past performance information. If, after the completion of the proposal evaluation except evaluation of past performance, the contracting officer determines that evaluation of past performance will not affect the outcome of the competitive selection, the contracting officer may waive its evaluation in accordance with FAR 15.304(c)(3)(iv).

M-2-2 PRICE TO THE GOVERNMENT

Proposed estimated price to the Government.

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.
- (b) The extent of participation of small disadvantaged business concerns 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.

**Statement of Work to
Fabricate and Install Demountable Clean Rooms 7 and 8
Building 250**

1. Introduction

This SOW establishes the fabrication, installation, quality assurance, and safety requirements for Clean Rooms 7 and 8 in Building 250 at the Naval Research Laboratory in Washington, DC. Each Clean room is a Class 100 Clean Room with an approximate area of 500 square feet. The installation requirements are detailed in the attached drawings (Exhibit A). The fabrication and installation shall include all material, labor and equipment for the completion of fully functional and certified Clean Rooms in the volume shown. The work includes but is not limited to walls, floors, ceilings, lights, electrical panels, filters, Air Handling Units, ductwork, plumbing, shielding, etc. to meet the requirements of the attached drawings and the SOW. New fabrications and equipment shall match, in design and quality, the existing clean rooms in Building 250 (Specifications provided in Exhibit B) except as modified herein.

2. Background

The facility is being installed to expand the usable clean room space within Building 250. The facility will support ongoing Nanoscience research at the Naval Research Laboratory.

3. Scope

The contractor shall provide the fabrication, assembly, installation, performance testing, documentation, material, labor, and equipment for a complete and functional facility. The facility shall be used for nanoscience research. The facility shall be subjected to varying and movable floor loads and continuous duty cycles of all ancillary equipment.

The Clean Rooms shall include the following as a minimum:

- Raised Access Flooring with grounding straps
- Clean Room Walls (modular, seamless, all-metal with non-gypsum core)
- Ceiling and Grid
- Clean Room Lights
- HEPA Filters
- Ductwork including metal plenum installed under existing ceiling system
- Air Handling Units
- Electrical Panels with Transient Voltage Surge Suppression (TVSS)
- Installation of Government Furnished Fume Hoods
- Plumbing for water, waste, compressed air, nitrogen, and vacuum
- Balance and certification of subsystem and the installation in its entirety

4. Applicable Documentation and Industrial Standards

See Exhibit B for a listing of organizations providing the applicable references, documentation and industrial standards in effect on the date of the contract award. Commercial and industry standards documents should be acquired from the appropriate standards body.

5. Review and Meeting

5.1 Kick-off Meeting

A kick-off meeting shall be held at the government facility within seven (7) days of the award of the contract. The government will provide the agenda for the meeting, which will include NRL facility personnel as well as the required technical personnel. The government will make available all Building 250 drawings, for review by the contractor. The contractor will be required to search all building files and perform field verification inspections to determine accurate existing conditions.

5.2 Submittals

Within 45 days of the award of the contract, the contractor shall submit shop drawings and documentation on all critical equipment, subsystem and components that will comprise the new clean rooms. Site work can not proceed until submittals are approved. Also, by this time, the contractor shall submit the following documentation:

- Fabrication and Installation Schedule
- Equipment Design and Performance Objectives
- Electrical Circuit Schematics
- Bill of Material for all major components
- Quality Assurance Plan
- Safety Plan
- Commission Plan

The purpose of the submittals is to assess if the specified requirements have been properly and fully interpreted and understood. The contractor shall provide all documentation for review, comments and approval. Government approval does not relieve the contractor of his responsibility to meet the requirements of the SOW.

6. Technical Requirements

6.1 General

6.1.1 Site Work

The work for this contract is located within Building 250 of NRL. Building 250 is a structure that houses six (6) existing clean rooms and twelve (12) quiet and ultra-quiet laboratories. These spaces shall be in operation during the installation of the clean rooms.

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Contractor personnel shall be restricted to the designated work area and shall not be allowed in adjoining rooms, spaces or buildings without the prior approval of the technical manager. The government will designate an area (outside the building) for storage of all contractor material and equipment and the contractor shall provide adequate environmental protection and control for all stored material. The contractor will be allowed 5,000 square feet of space exterior (east) of Building 250 for office (trailer), storage and staging. The contractor shall conduct his operations so that he does not disturb adjoining spaces in the building. This includes, but is not limited to, conducting operations to minimize the generation of dust and contaminants that effect the operation of the existing clean rooms. It also means that the contractor will not operate equipment that generates electromagnetic noise and/or signals without the prior approval of the occupants of the building. This type of operation on the part of the contractor will be scheduled for out-of-hours (after 6:00 PM and before 6:00 AM). The Contractor shall maintain a clean work area upon completion of the day's work. The contractor shall provide his own sanitary facilities and maintain so as not to be a nuisance.

6.1.2 Available Floor Space

The clean rooms will be constructed in an existing area that is approximately 22' x 50'. The space is approximately 22' high. The surrounding hallway is approximately two (2) feet higher relative to volume for the clean rooms. The under floor area will be utilized as a return plenum. The mechanical space is in the penthouse. Penetrations have been provide but are covered with concrete covers. Some utilities have been extended to the edge of the volume to be occupied by the new clean rooms. Adequate electrical, hot water and chilled water are available.

6.2 Architectural

6.2.1 Wall System

For reference and detail, see Exhibit A and Section 13030, "Clean Room Walls" in Exhibit B. Walls will be of a type that is similar and compatible with the wall system of the existing clean rooms in Building 250 except this system will be seamless and demountable without removing parts of the ceiling or flooring system. When wall support system is installed but before the attachment of the wall panels, the members of the support system may not deflect more than two (2) inches mid-span when a moderate lateral force is applied. Wall panels may not have gypsum or other type of core that is friable or capable of generating dust.

6.2.2 Ceiling System

For reference and detail, see Exhibit A and Section 13050, "Clean Room Ceiling System" in Exhibit B. The height of the new ceiling will be the same as the height of the ceiling in the existing clean rooms in Building 250. The filters shall be interchangeable with the filters in the existing clean rooms. The ceiling will have

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100% coverage with HEPA filters. Ceiling system and lights shall be from a single manufacturer. Ceiling grid shall be capable of both sealing the HEPA filters and supporting the loads imposed by the weight of filters, lights, etc. and the pressure within the plenum above.

6.2.3 Access Flooring System

For reference and detail, see Exhibit A and Section 10270, "Clean Room Walls" in Exhibit B. The height of the new flooring will be the same as the height of the flooring in the existing clean rooms in Building 250. It shall employ tunable floor panels throughout to enable adjustment for laminar air flow. Before installing the access flooring system, the existing concrete floor will be sealed with epoxy paint suitable for high traffic concrete floors.

6.2.4 Other

Furnish and install all equipment and material as shown on drawings in Exhibit A. For reference and detail, see appropriate sections in Exhibit B.

6.3 Mechanical

6.3.1 Heating, Ventilation and Air Conditioning (HVAC)

The contractor shall install a standalone HVAC system for each clean room in accordance with local, state and federal building and safety codes. The HVAC system shall include, as a minimum, the air handling units, ductwork, filters, piping, and controls. As part of the supply ductwork, the existing beams and ceiling will be isolated from the clean room interior by a sheet metal plenum. The contractor shall utilize standard HVAC industry "best practices" as they apply to clean rooms. The HVAC system will utilize the existing hot water system in conjunction with new reheat coils for humidity control. See Exhibit A for more details on the HVAC system. The HVAC controls will be similar and interface with the existing control system for the existing six (6) clean rooms. The contractor shall balance the HVAC system prior to government acceptance.

6.3.2 Fire Protection

The contractor shall comply with all applicable Fire Protection codes and regulations for clean rooms. Some of the applicable codes are NFPA 13, NFPA 72 and NFPA 90A. NRL is required to send Fire Protection plans to EFA-CHES for review and comments. The contractor shall submit the Fire Protection plan to the technical manager within 45 days of the award of this contract. Allow four weeks for review and comment on the Fire Protection plan.

6.3.3 Government Furnish Equipment

The government shall furnish four (4) fume hoods for installation by the contractor. Two are to be installed in each clean room. The equipment will be delivered to the loading dock of Building A-69 (north of Building 250) on a date determined by the technical manager. The contractor will be responsible for the transport (into Building 250), uncrating, setting, installing, and connecting the

fume hoods. Each fume hood will be connected to the building fume hood exhaust system, water, waste, nitrogen, compressed air, and vacuum. Electrical connections are the responsibility of the contractor. The contractor shall certify that each fume hood meets the exhaust requirements prior to acceptance. See Exhibit C.

6.3.4 Remedial Maintenance

The contractor shall provide warranty/remedial maintenance support for the complete facility (Clean Rooms 7 and 8) for a period of eighteen (18) months from acceptance. The warranty/maintenance covers parts, material, and labor for the facility components that do not carry their own commercial warranty (of at least 18 months) as supplied by the manufacturer. During the warranty/maintenance period, the contractor shall repair or replace components that fail due to construction and/or manufacturing defect. The contractor, when contacted for warranty/maintenance support, shall provide a plan for addressing the issue within two (2) business days and make necessary repairs within five (5) days of the governments approval of the submitted repair plan.

6.3.5 Testing and Balancing and Commissioning

For reference and detail, see Exhibit A and Section 15950, "Testing, Adjusting and Balancing", Section 15990, "Commission of Mechanical System" and Section 15995, "Clean Room Certification" in Exhibit B. Final acceptance shall not occur until all testing and certification is completed and all system have passed and been certified as having met the requirements of this SOW.

6.3.6 Other

The contractor shall furnish and install all equipment and material as shown on drawings in Exhibit A. For reference and detail, see appropriate sections in Exhibit B.

6.4 Electrical

6.4.1 Lights

For reference and detail, see Exhibit A and Section 16510, "Interior/Exterior Building Lighting" in Exhibit B. Lighting for the clean rooms will be similar and at the same height as that in the existing clean rooms in Building 250.

6.4.2 Panels

For reference and detail, see Exhibit A and Section 16443, "AC Panel Boards" and Section 16285 "Transient Voltage Surge Suppressors" in Exhibit B. Each Panel shall contain a TVSS.

6.4.3 Other

The contractor shall furnish and install all equipment and material as shown on drawings in Exhibit A. For reference and detail, see appropriate sections in Exhibit B.

7. Documentation and Training

All reports, schematics, drawings, manuals, etc. shall be provided. All documents will be delivered on ISO 9000 compliant CD-ROM. Documents shall be provided in Adobe Acrobat format as well as in the format of the native application that created the document. Documents shall be delivered to the Technical Manager by electronic means in addition to the requirement of the physical documents. Additionally, at least one printed copy of each document shall be provided.

7.1 Training

The contractor will provide to the government two orientation training sessions detailing the operation and maintenance of the clean room and its support systems. Each training session shall last four (4) hours and will be attended by six (6) NRL employees. One session shall explain the operation of the clean room to the end users of the spaces. The other session shall explain the operation and maintenance of the support system to operation and maintenance personnel. Training sessions will be scheduled at least seven (7) days after the delivery to the technical manager of the Maintenance and User's Manuals but before the final acceptance of the clean rooms by the government. The contractor may assume that the attendees will already have experience with clean rooms and their support systems.

Training shall cover but not be limited to the following:
Maintenance and operation of Air Handling Units
Care and maintenance of HEPA filters
Proper use of equipment
Safety and operation procedures

7.2 Maintenance and User's Manuals

The contractor shall provide a user manual for the facility and all ancillary equipment needing routine maintenance. The manuals shall describe the procedure in detail to maintain the facility under the contractor's warranty. All commercial warranty documentation will be provided as part of the maintenance and user's manual package. The maintenance and user's manual shall be delivered prior to acceptance of the facility. The manuals shall also include the standard maintenance and user's manuals for commercial components utilized in the construction of the facility, and their corresponding commercial warranty statements, if appropriate.

7.3 Final Drawings and Documentation Package

The contractor shall provide the technical manager the as-built shop drawings and mark-up drawings for the facility within 30 days of completion of the project.

7.4 Final Acceptance Test Report

The contractor shall provide the technical manager the final acceptance test report(s), including the original data, for the facility. Pass or failure of the

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requirements shall be clearly stated and the proposed resolution of any unacceptable performance shall be presented.

CONTRACT DATA REQUIREMENTS LIST

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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. 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 address. Send completed form to the Government Issuing

A. CONTRACT LINE ITEM NO. 0001	B. EXHIBIT "G"	C. CATEGORY: TDP TM- OTHER	
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D. SYSTEM / ITEM	E. CONTRACT / PR NO. N00173-03-R-DL08	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Shop Drawings	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE SOW 5.2	6. REQUIRING OFFICE NRL Code 6300.10
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7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION 45 DAC	14. DISTRIBUTION	
8. APP CODE N/A	N/A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft

16. REMARKS	COR		1	
15. TOTAL → 1				

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Maintenance of User Manual	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE SOW 7.2	6. REQUIRING OFFICE NRL Code 6300.10
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7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION	
8. APP CODE N/A	N/A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION ASREQ	a. ADDRESSEE	b. COPIES
					Draft

16. REMARKS	COR		1	
15. TOTAL → 1				

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Final Drawings and Documentation Package	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE SOW 7.3	6. REQUIRING OFFICE NRL Code 6300.10
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7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED	10. FREQUENCY N/A	12. DATE OF FIRST SUBMISSION 30 EOC	14. DISTRIBUTION	
8. APP CODE N/A	N/A	11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft

16. REMARKS	COR		1	
15. TOTAL → 1				

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM Final Acceptance Test Report	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE SOW 7.4	6. REQUIRING OFFICE
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7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION	
8. APP CODE N/A	N/A	11. AS OF DATE EOC	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft

16. REMARKS	COR		1	
15. TOTAL → 1				

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY NRL Code 6300.10	H. DATE 14 April 2003	I. APPROVED BY	J. DATE
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