

NASA

National Aeronautics and Space Administration

Langley Research Center
Hampton, Virginia 23681-2199

SOLICITATION

1-064-RE.1025

REQUIREMENT: ATMOSPHERIC SCIENCE RESEARCH AND TECHNOLOGY
SUPPORT SERVICES

1. Section L, Provision L.19, contains important information on proposal preparation. Section M sets forth the evaluation methods for award.
2. The Government intends to award the contract resulting from the final solicitation without discussions. See Section L provision entitled INSTRUCTIONS TO OFFERORS—COMPETITIVE ACQUISITION (FAR 52.215-1) (OCT 1997). To facilitate this process, we would like to avoid situations where proposals include substantive exceptions to the proposed contract terms and conditions which might be unacceptable to the Government and, therefore, preclude award. Therefore, it is requested and strongly recommended that you bring to the Government's attention during the DRAFT RFP review period any exceptions, questions, or additions you have to the proposed contract terms and conditions. Recommend any improvements that could be made to the performance standards set forth in Section C. The resolution of any exceptions to terms and conditions prior to receipt of proposals will aid the Government in its intention to award without discussions and thus streamline the procurement process. It is requested that your comments/questions/recommendations reference the Part number, Section Number and paragraph number you are referring to in the draft.
3. Offerors Library information is included in L.14
4. NAIC Code: 541710 is applicable to this procurement.
5. This procurement is not a small business set-aside.

NOTICE: FOR BID RESULTS, ADDITIONAL PROCUREMENT OPPORTUNITIES AND OTHER NOTICES, CALL 1-800-PUR-NASA.

NASI-02058

SOLICITATION, OFFER AND AWARD

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

RATING
DO - C9

PAGE OF PAGE(S)
1 |

2. CONTRACT NO.

3. SOLICITATION NO.

I-064-RE.1025

4. TYPE OF SOLICITATION

- SEALED BID (IFB)
- NEGOTIATED (RFP)

5. DATE ISSUED

July 20, 2001

6. REQUISITION/PURCHASE NO.

7. ED BY

CODE

National Aeronautics and Space Administration
Langley Research Center
Hampton, VA 23681-2199

8. ADDRESS OFFER TO (if other than item 7)

9A Langley Boulevard, Building 1195A, Room 105
NASA, Langley Research Center
Hampton, VA 23681-2199

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

SOLICITATION

9. Sealed offers in original and 12 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 9A Langley Boulevard, Building 1195B, Room 125 until 4:00 p.m. local time September 6, 2001.
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

Charlotte T. Hardy

B. TELEPHONE NO. (NO COLLECT CALLS)

AREA CODE
(757)

NUMBER
864

EXT.
2526

C. E-MAIL ADDRESS

c.t.hardy@larc.nasa.gov

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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.

compliance with the above, the undersigned agrees, if this offer is accepted within 120 calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

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

15A. NAME AND ADDRESS OF OFFEROR	CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)
15B. TELEPHONE NUMBER	<input type="checkbox"/> 15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.		17. SIGNATURE
AREA CODE	NUMBER	EXT.	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 Financial Management Office, MS 175 Langley Research Center Hampton, VA 23681-2199	
26. NAME OF CONTRACTING OFFICER (Type or print) L. VID H. JONES	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 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993)**

The estimated cost of this contract is \$_____. The maximum available award fee, excluding base fee, if any, is \$_____. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$_____.

B.2 CONTRACT FUNDING (NASA 1852.232-81) (JUN 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$_____. This allotment is for _____ and covers the following estimated period of performance: _____.
- (b) An additional amount of \$_____ is obligated under this contract for payment of fee.

B.3 SUPPLIES AND/OR SERVICES TO BE FURNISHED (LaRC 52.211-90) (MAY 1999)

The Contractor shall provide all resources except as may be expressly stated in this contract as furnished by the Government necessary to perform the requirements delineated in the Statement of Work in Section C.

B.4 AWARD FEE AVAILABILITY SCHEDULE (LaRC 52.216-96) (MAR 1989)

The award fee available for each evaluation period is as follows:

<u>Period</u>	<u>Available Award Fee</u>
1.	
2.	
3.	
4.	

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT**C.1 STATEMENT OF WORK - ATMOSPHERIC SCIENCES RESEARCH AND TECHNOLOGY SUPPORT SERVICES (ASRATSS)****1.0 Purpose**

This statement of work defines the requirements for research, engineering, and technical support necessary to assist the NASA Langley Research Center in fulfilling its mission. These requirements include, but are not limited to, technical support in the functional areas of Atmospheric Science Research, Technology, Applications, and Data Center Services.

2.0 General Scope

The Contractor shall furnish all qualified personnel, facilities, administrative services, equipment, supplies, and materials, not provided by the Government, necessary to support the NASA Langley Research Center atmospheric science programs and related engineering activities. In addition to recurring, on-going requirements, specific work assignments may be made by the issuance of a Notification of Work (NOW). A NOW, when issued, will be within the context of technical direction, as that term is defined and described in Section G, G.5. Work requirements encompass the broad scope of the missions and responsibilities of the Langley Research Center's atmospheric research, technology,

applications, and data services programs. The general categories of work to be performed are outlined below.

3.0 Science Support

The Contractor shall provide scientific, analysis, and modeling support necessary to *conduct atmospheric science research. The Contractor shall also provide administrative, consulting, outreach, and applications support to the NASA Langley Research Center's atmospheric science program.*

3.1 Algorithm Development, Implementation, and Maintenance

3.1.1 Requirements - The Contractor shall develop, improve, maintain, and implement inversion algorithms for atmospheric species retrievals and diagnostic algorithms for validation and maintenance of analytical models. This encompasses data analysis methods, image processing, and data base development and management. The Contractor shall provide operational processing codes for implementing these algorithms. This includes *software planning, development, implementation, checkout, validation, configuration management, and documentation support for processing and analyzing data from satellite, aircraft, and surface-based missions. The Contractor shall prepare, operate, improve, and maintain the science computing facilities for algorithm development, implementation, and maintenance. This support includes both hardware and software maintenance and updates. The Contractor shall also provide data processing for data products as required. Documentation may include data products catalogs, interface requirements, data management plans, ancillary input data, quality assessment plans, coding guidelines, software design documents, validation documents, test plans, operator's manuals, and other documentation as needed to satisfy project/program requirements.*

3.1.2 Performance Standards

- Algorithm approaches are demonstrated and documented within agreed upon schedules
- Demonstrate that algorithms have been implemented properly within agreed upon schedules
- Designated operational algorithms, once developed, are maintained under proper configuration management procedures and can be reproduced (if lost) within an agreed to timeframe

3.2 Modeling

3.2.1 Requirements - The Contractor shall develop new numerical models, *incorporate changes in existing models, and incorporate changes to maintain compatibility with Langley computer resources and operating systems. The Contractor shall develop and/or modify diagnostic algorithms for validation and maintenance of numerical models and perform diagnostic analysis of numerical models. This includes developing graphic displays of data.*

3.2.2 Performance Standards

- New models or modifications to existing models are developed and implemented on agreed time schedules
- *Model configurations are evaluated by test simulations on agreed time schedules*
- Model configurations are documented and maintained on agreed time schedules
- Ancillary diagnostic software for interpreting model simulations are developed, tested, and documented on agreed time schedules

3.3 Analysis, Interpretation, and Validation

3.3.1 Requirements – The Contractor shall analyze and interpret data from satellite, aircraft, balloon, and ground-based instruments for understanding and validation of atmospheric models and algorithms. This requires combining/comparing various data sets on standardized formats and calculating geophysical quantities or derived relationships from the basic data. Documentation requirements include software development and user information, and graphics and text of science results for conference papers, presentations, and journal articles. The Contractor shall provide support for validating satellite data. This includes providing support for set-up and sustained operation of both long-term measurements such as the Chesapeake Lighthouse site and short-term measurements such as the Atmospheric Radiation Measurements sites for obtaining atmospheric radiation, cloud, aerosol, surface, and chemistry measurements for validating satellite data. This also includes, but is not limited to, logistics, instrument set-up with supporting hardware design and build, instrument calibration, instrument testing, maintenance, operation, data acquisition, data processing, data archival, and website development and maintenance.

3.3.2 Performance Standards

- Analysis and interpretations of science data are documented and/or presented within agreed upon schedules
- Measurements are successfully captured and archived within agreed upon schedules
- Websites/databases/archives are updated within an agreed to timeframe

3.4 Mission/Payload/Instrument Operations

3.4.1 Requirements – The Contractor shall provide all mission/payload/instrument operations support not provided by the Government. This includes mission pre- and post-launch activities such as planning and analysis, monitoring of ground or in-orbit payload/instrument performance, calibration activities, comparison studies, error analyses, precision studies, modeling, troubleshooting to identify and resolve problems, command loading and checkout, data down link and up link performance, and integration and testing activities. The Contractor shall develop and maintain instrument flight software. The Contractor shall perform end-to-end processing of specified satellite data sets for Langley instruments such as Stratospheric Aerosols and Gas Experiment (SAGE) and Pathfinder Instruments For Cloud And Aerosol Spaceborne Observations-Climatologie Etendue des Nuages et des Aerosols (PICASSO-CENA). This includes screening raw telemetry data and combining data with ancillary data sets. The Contractor shall assess in-flight instrument performance. Documentation shall include, but is not limited to, operations plans, data reduction procedures, test procedures, data formats, processing instructions, and user data requirements.

3.4.2 Performance Standards

- Required documents delivered within agreed to schedules
- Agreed to processing products are provided to defined user within an agreed to timeframe

3.5 Field Missions

3.5.1 Requirements – The Contractor shall provide logistical support and ground facilities to personnel and equipment while conducting remote field experiments. Documentation will be required to track equipment and supplies, instrument set up and calibration, field operations, data acquisition, data processing, and archival. The Contractor shall make arrangements for transportation, communications (both voice and data), laboratory space, utilities, and housing to support field operations. This may involve setting up experiment infrastructure at remote sites around the world. The Contractor shall assist in the development, maintenance, and operation of airborne and surface-based data

acquisition systems for real-time recording and distribution of data, including verification and monitoring of instrument performance, in support of field missions. This includes providing instrument/data logger interface software, maintenance, experiment operations, data reduction, data visualization, and data base archive support for aircraft and filed correlative measurement activities. This also includes data, graphics, website development and maintenance, and other inputs for documenting technical analyses and scientific studies. The Contractor shall also provide arrangements for travel, lodging, and emergency medical evacuation services for non-NASA participants.

3.5.2 Performance Standards

- Government Furnished Equipment and property is properly utilized, maintained, tracked and accounted for
- Logistics and workspace are adequate for conduct of field mission

4.0 Atmospheric Science Data Center Support

The Contractor shall provide all support services necessary to maintain and enhance the Atmospheric Sciences Data Center (ASDC) to meet the needs of the data center's wide spectrum of customers. The Contractor shall provide documentation to provide insight into processing, archival, and distribution of data. The Contractor shall develop and maintain websites or other media to support ASDC functions.

4.1 Customer and Data Services

4.1.1 Requirements - The Contractor shall provide Data Provider Support which includes, but is not limited to, developing documentation; performing Science Software Integration and Testing; providing Data Management/Analysis; inspecting and verifying data integrity; working with data provider to develop sample read programs for data products and establishing requirements for services. The Contractor shall provide Data User Support which includes providing sample read programs for data holdings; providing data products and support services; providing broad visibility of data holdings and services; providing information about the projects the data center supports; and performing Data Management/Analysis. The Contractor shall operate an On-Call Service/Help Desk to provide response to Data Provider and Data Customer inquiries and to provide definition of available services. The Contractor shall develop and execute a Performance Monitoring Process to quantify Data Center performance and customer satisfaction. The following information shall be collected and tracked: Ingest, Processing, Archival, and Distribution Statistics; Number of Customers and Demographics; Uses of data products and services; User Satisfaction (Meeting Processing and Data Delivery Obligations).

The Contractor shall develop outreach materials and support a variety of outreach activities to educate scientists and the general public about the ASDC.

4.1.2 Performance Standards

- All customer inquiries and data orders shall be acknowledged within 30 minutes of receipt.
- 90% of all media orders shall be shipped within 7 calendar days.
- Customer satisfaction surveys shall average very good or higher.
- 80% of all customer inquiries shall be resolved within the following time limits:
 - Priority 1 – 24 hours
 - Priority 2 – 72 hours
 - Priority 3 – 120 hours
- Grow customer base 10% per annum.
- Increase distribution of data products as measured by customer orders by 15% per annum.

4.2 Operations

4.2.2 Requirements - The Contractor shall provide support in the areas of Data Production, Data Management, and System/Infrastructure Management. The Data Production support includes processing requests; generating Metadata to provide supporting information required for the Data Center's search and order systems; providing documentation of procedures and background information for the production process; and performing Quality Assurance. The Data Management support includes obtaining the input data required to support processing; obtaining data products for distribution; delivering products to customers; maintaining data holdings; maintaining an accurate description of all data products; providing the capability to search the inventory of data holdings and request the delivery of data products, providing capability to manage logistics of filling orders; developing services (e.g., visualization); and providing documentation of procedures and background information for the data management process. The System/Infrastructure Management support includes System Administration (Security shall comply with NPG 2810.1, "Security of Information Technology" which can be seen at URL http://nodis3.gsfc.nasa.gov/library/npg_sort.cfm); database administration services; inventory control and configuration management; The Contractor shall track the use of system resources; provide hardware and software maintenance, updates, and upgrades to support data center mission; and document procedures and background information for systems and infrastructure management.

4.2.2 Performance Standards

- Data products shall be generated and made available within agreed upon schedules.
- *Government Furnished Equipment shall be properly utilized, maintained, tracked, and accounted for.*
- Data distribution systems shall be operational at least 95%.
- Mission critical systems shall not have per annum more than one breach of security resulting in unscheduled down time in excess of 5 business days and/or losses in excess of \$15,000.

4.3 Systems Engineering

4.3.1 Requirements - The Contractor shall provide Systems Engineering support, including Systems Analysis and Risk Assessment, Systems Development, and Prototype Development. The Systems Analysis and Risk Assessment includes identifying system risks and requirements and performing engineering studies and trade-off analysis to support decision making. The Contractor shall provide formal systems development to design and implement solutions for operational use. The Prototype Development support includes identifying areas of opportunities to reduce cost while enhancing products and services; researching state-of-the-art alternatives and selecting the best option for near term impact on the data center and assessing the usefulness of the system for data center operations.

4.3.2 Performance Standards

- The operating costs for providing archive and distribution services per gigabyte shall decrease 10% or more per annum.
- The operating costs for generating data products per gigabyte shall decrease 10% or more per annum.

5.0 Technology Development

The Contractor shall provide technical support in the development of instrument and sensor technologies to meet future atmospheric research needs and objectives.

5.1 Instrument/Sensor Design

5.1.1 Requirements - The Contractor shall provide technical support required to translate research objectives and scientific requirements into viable instrument concepts for ground, aircraft, and space flight atmospheric research applications. The Contractor shall support system design in the following areas: detector systems, pointing/control systems, laser systems, optical systems, sensors, electronics, microprocessor systems, data systems, thermal, mechanical, and structural systems.

5.1.2 Performance Standards

- Concept development and system design inputs are presented and documented within the agreed upon schedules

5.2 Instrument/Sensor Development

5.2.1 Requirements - The Contractor shall provide support for analytical studies, concept development, design verification, assembly, modification, and development of instrumentation systems. Analysis efforts shall include the development of end-to-end performance models of instrument systems and the evaluation of platform environmental effects on instrument performance and science data quality. The Contractor shall develop and maintain documentation associated with hardware development. Types of documentation include, but are not restricted to, the following: instrument configuration and assembly history; drawings; schematics; parts lists; hardware test data; command/control/sequencing procedures; data acquisition and display formats; data sampling; aircraft and spacecraft interfaces; instrument status and trend data; component-level, subsystem-level, and system-level testing procedures; user guides; and recommended operational procedures.

5.2.2 Performance Standards

- Analysis is complete and documented within the agreed upon schedules
- Development documentation is maintained and then delivered within the agreed upon schedules

5.3 Instrument/Sensor Calibration and Testing

5.3.1 Requirements - The Contractor shall provide support for calibration, integration, testing, and qualification of research instruments. This may include instrument/sensor characterization, laboratory evaluation, instrument trending analyses, analyses of measurement precision/accuracy, parts reliability testing and analysis, and troubleshooting instrument-related problems.

5.3.2 Performance Standards

- System characterization and evaluation inputs are presented and documented within the agreed upon schedules

6.0 Administrative and Logistical Support

6.1 Requirements - The Contractor shall provide administrative and logistical support to organize and conduct science team meetings, working group meetings, technical interchange meetings, workshops, and conferences related to activities covered by this Statement of Work. The Contractor shall be responsible for making arrangements for facilities, equipment, audio, visual, graphics, documentation, interpreters/translators, and other support that may be required. This may also include the development and maintenance of websites, databases, and graphical support. The Contractor shall provide arrangements for travel and lodging for non-NASA participants.

6.2 Performance Standards

- Customer satisfaction surveys averaged very good or higher
- Websites/databases are updated within an agreed to timeframe

SECTION E - INSPECTION AND ACCEPTANCE**E.1 INSPECTION OF SERVICES - COST-REIMBURSEMENT (FAR 52.246-5) (APR 1984)**

- (a) Definition. "Services," as used in this clause, includes services performed, workmanship, and material furnished or used in performing services.
- (b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Government during contract performance and for as long afterwards as the contract requires.
- (c) The Government has the right to inspect and test all services called for by the contract, to the extent practicable at all places and times during the term of the contract. The Government shall perform inspections and tests in a manner that will not unduly delay the work.
- (d) If any of the services performed do not conform with contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, for no additional fee. When the defects in services cannot be corrected by reperformance, the Government may (1) require the Contractor to take necessary action to ensure that future performance conforms to contract requirements and (2) reduce any fee payable under the contract to reflect the reduced value of the services performed.
- (e) If the Contractor fails to promptly perform the services again or take the action necessary to ensure future performance in conformity with contract requirements, the Government may (1) by contract or otherwise, perform the services and reduce any fee payable by an amount that is equitable under the circumstances or (2) terminate the contract for default.

E.2 FINAL INSPECTION AND ACCEPTANCE (LaRC 52.246-94) (OCT 1992)

Final inspection and acceptance of all items specified for delivery under this contract shall be accomplished by the Contracting Officer or his duly authorized representative at destination.

SECTION F - DELIVERIES OR PERFORMANCE**F.1 STOP-WORK ORDER (FAR 52.242-15) (AUG 1989) ALTERNATE I (APR 1984)**

- (a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either -

- (1) Cancel the stop-work order; or
- (2) Terminate the work covered by the order as provided in the Termination clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule, the estimated cost, the fee, or a combination thereof, and in any other terms of the contract that may be affected, and the contract shall be modified, in writing, accordingly, if -

- (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
- (2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the

Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

F.2 PERIOD OF PERFORMANCE (LaRC 52.211-91) (AUG 1997)

The period of performance of this contract shall be 24 months from the effective date of the contract.

The initial period of performance of 24 months includes a 2-month phase in period.

F.3 PLACE OF DELIVERY (LaRC 52.211-92) (OCT 1992)

Delivery shall be F.O.B. destination:

National Aeronautics and Space Administration
Langley Research Center
Hampton, VA 23681-2199

Or as specified in a Notification of Work (NOW).

F.4 PLACE(S) OF PERFORMANCE (LaRC 52.211-98) (OCT 1992)

The place(s) of performance shall be:

NASA, Langley Research Center, Hampton, Virginia; and other sites as may be designated in a NOW.

SECTION G - CONTRACT ADMINISTRATION DATA

G.1 AWARD FEE FOR SERVICE CONTRACTS (NASA 1852.216-76) (JUNE 2000)

(a) The contractor can earn award fee from a minimum of zero dollars to the maximum stated in NASA FAR Supplement clause 1852.216-85, "Estimated Cost and Award Fee" in this contract.

(b) Beginning 6 months after the effective date of this contract, the Government shall evaluate the Contractor's performance every 6 months to determine the amount of award fee earned by the contractor during the period. The Contractor may submit a self-evaluation of performance for each evaluation period under consideration. These self-evaluations will be considered by the Government in its evaluation. The Government's Fee Determination Official (FDO) will determine the award fee amounts based on the Contractor's performance in accordance with Award Fee Plan. The plan may be revised unilaterally by the Government prior to the beginning of any rating period to redirect emphasis.

(c) The Government will advise the Contractor in writing of the evaluation results. The LaRC Office of the Chief Financial Officer, Accounts Payable & Employee Services Branch, will make payment based on issuance of unilateral modification by the Contracting Officer.

(d) After 85 percent of the potential award fee has been paid, the Contracting Officer may direct the withholding of further payment of award fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total potential award fee.

(e) The amount of award fee which can be awarded in each evaluation period is limited to the amounts set forth at Section B, B.4. Award fee which is not earned in an evaluation period cannot be reallocated to future evaluation periods.

(f) (1) Provisional award fee will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is the lesser of 75 percent or the prior period's evaluation score.

(2) Provisional award fee payments will be superseded by the final award fee evaluation for that period. If provisional payments exceed the final evaluation score, the Contractor will either credit the next payment voucher for the amount of such overpayment or refund the difference to the Government, as directed by the Contracting Officer.

(3) If the Contracting Officer determines that the Contractor will not achieve a level of performance commensurate with the provisional rate, payment of provisional award fee will be discontinued or reduced in such amounts as the Contracting Officer deems appropriate. The Contracting Officer will notify the Contractor in writing if it is determined that such discontinuance or reduction is appropriate.

(4) Provisional award fee payments will not be made prior to the first award fee determination by the Government.

(g) Award fee determinations are unilateral decisions made solely at the discretion of the Government.

G.2 SUBMISSION OF VOUCHERS FOR PAYMENT(NASA 1852.216-87) (MAR 1998)

(a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is identified below. Public vouchers for payment of costs shall include a reference to the number of this contract.

(b) (1) If the Contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher shall be submitted to:

Attn: Accounts Payable & Employee Services Branch, OCFO, MS 175
NASA Langley Research Center
Hampton, VA 23681-2199

(2) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(3) Copies of vouchers shall be submitted as directed by the Contracting Officer.

(c) If the Contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the Contractor shall prepare and submit vouchers as follows:

(1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to the Contractor's cognizant DCAA mailing office.

(2) Five copies of SF 1034, SF 1035A, or equivalent Contractor's attachment to the following offices by insertion in the memorandum block of their names and addresses:

- (i) Copy 1 NASA Contracting Officer;
- (ii) Copy 2 Auditor;
- (iii) Copy 3 Contractor;
- (iv) Copy 4 Contract administration office; and
- (v) Copy 5 Project management office.

(3) The Contracting Officer may designate other recipients as required.

(d) Public vouchers of payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:

Attn: _____, M/S 126
NASA Langley Research Center
Hampton, VA 23681-2199

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

(e) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate voucher for the amount withheld will be required before payment for that amount may be made.

G.3 NEW TECHNOLOGY (NASA 1852.227-70) (NOV 1998)

(a) Definitions.

"Administrator," as used in this clause, means the Administrator of the National Aeronautics and Space Administration (NASA) or duly authorized representative.

"Contract," as used in this clause, means any actual or proposed contract, agreement, understanding, or other arrangement, and includes any assignment, substitution of parties, or subcontract executed or entered into thereunder.

"Made," as used in this clause, means conception or first actual reduction to practice; provided, that in the case of a variety of plant, the date of determination (as defined in Section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of contract performance.

"Nonprofit organization," as used in this clause, means a domestic university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)), or any domestic nonprofit scientific or educational organization qualified under a State nonprofit organization statute.

"Practical application," as used in this clause, means to manufacture, in the case of a composition or product; to practice, in the case of a process or method; or to operate, in case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

"Reportable item," as used in this clause, means any invention, discovery, improvement, or innovation of the contractor, whether or not patentable or otherwise protectible under Title 35 of the United States Code, made in the performance of any work under any NASA contract or in the performance of any work that is reimbursable under any clause in any NASA contract providing for reimbursement of costs incurred before the effective date of the contract. Reportable items include, but are not limited to, new processes, machines, manufactures, and compositions of matter, and improvements to, or new applications of, existing processes, machines, manufactures, and compositions of matter. Reportable items also include new computer programs, and improvements to, or new applications of, existing computer programs, whether or not copyrightable or otherwise protectible under Title 17 of the United States Code.

"Small business firm," as used in this clause, means a domestic small business concern as defined at 15 U.S.C. 632 and implementing regulations of the Administrator of the Small Business Administration. (For the purpose of this definition, the size standard contained in 13 CFR 121.3-8 for small business contractors and in 13 CFR 121.3-12 for small business subcontractors will be used.)

"Subject invention," as used in this clause, means any reportable item which is or may be patentable or otherwise protectible under Title 35 of the United States Code, or any novel variety of plant that is or may be protectible under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.).

(b) Allocation of principal rights.

(1) Presumption of title.

(i) Any reportable item that the Administrator considers to be a subject invention shall be presumed to have been made in the manner specified in Paragraph (1) or (2) of Section 305(a) of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2457(a)) (hereinafter called "the Act"), and the above presumption shall be conclusive unless at the time of reporting the reportable item the Contractor submits to the Contracting Officer a written statement, containing supporting details, demonstrating that the reportable item was not made in the manner specified in Paragraph (1) or (2) of Section 305(a) of the Act.

(ii) Regardless of whether title to a given subject invention would otherwise be subject to an advance waiver or is the subject of a petition for waiver, the Contractor may nevertheless file the statement described in Paragraph (b)(1)(i) of this clause. The Administrator will review the information furnished by the Contractor in any such statement and any other available information relating to the circumstances surrounding the making of the subject invention and will notify the Contractor

whether the Administrator has determined that the subject invention was made in the manner specified in Paragraph (1) or (2) of Section 305(a) of the Act.

(2) Property rights in subject inventions. Each subject invention for which the presumption of Paragraph (b)(1)(i) of this clause is conclusive or for which there has been a determination that it was made in the manner specified in Paragraph (1) or (2) of Section 305(a) of the Act shall be the exclusive property of the United States as represented by NASA unless the Administrator waives all or any part of the rights of the United States, as provided in Paragraph (b)(3) of this clause.

(3) Waiver of rights.

(i) Section 305(f) of the Act provides for the promulgation of regulations by which the Administrator may waive the rights of the United States with respect to any invention or class of inventions made or that may be made under conditions specified in Paragraph (1) or (2) of Section 305(a) of the Act. The promulgated NASA Patent Waiver Regulations, 14 CFR Section 1245, Subpart 1, have adopted the Presidential Memorandum on Government Patent Policy of February 18, 1983, as a guide in acting on petitions (requests) for such waiver of rights.

(ii) As provided in 14 CFR 1245, Subpart 1, Contractors may petition, either prior to execution of the contract or within 30 days after execution of the contract, for advance waiver of rights to any or all of the inventions that may be made under a contract. If such a petition is not submitted, or if after submission it is denied, the Contractor (or an employee inventor of the Contractor) may petition for waiver of rights to an identified subject invention within eight months of first disclosure of invention in accordance with Paragraph (e)(2) of this clause, or within such longer period as may be authorized in accordance with 14 CFR 1245.105.

(c) Minimum rights reserved by the Government.

(1) With respect to each subject invention for which a waiver of rights is applicable in accordance with 14 CFR Section 1245, Subpart 1, the Government reserves--

(i) An irrevocable, nonexclusive, nontransferable, royalty-free license for the practice of such invention throughout the world by or on behalf of the United States or any foreign government in accordance with any treaty or agreement with the United States; and

(ii) Such other rights as stated in 14 CFR 1245.107.

(2) Nothing contained in this Paragraph (c) shall be considered to grant to the Government any rights with respect to any invention other than a subject invention.

(d) *Minimum rights to the Contractor.*

(1) The Contractor is hereby granted a revocable, nonexclusive, royalty-free license in each patent application filed in any country on a subject invention and any resulting patent in which the Government acquires title, unless the Contractor fails to disclose the subject invention within the times specified in Paragraph (e)(2) of this clause. The Contractor's license extends to its domestic subsidiaries and affiliates, if any, within the corporate structure of which the Contractor is a party and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of the Administrator except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(2) The Contractor's domestic license may be revoked or modified by the Administrator to the extent necessary to achieve expeditious practical application of the subject invention pursuant to an application for an exclusive license submitted in accordance with 37 CFR Part 404, Licensing of Government Owned Inventions. This license will not be revoked in that field of use or the geographical areas in which the Contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of the Administrator to the extent the Contractor, its licensees, or its domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, the Contractor will be provided a written notice of the Administrator's intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by the Administrator for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal to the Administrator any decision concerning the revocation or modification of its license.

(e) *Invention identification, disclosures, and reports.*

(1) The Contractor shall establish and maintain active and effective procedures to assure that reportable items are promptly identified and disclosed to Contractor personnel responsible for the administration of this New Technology clause within six months of conception and/or first actual reduction to practice, whichever occurs first in the performance of work under this contract. These procedures shall include the maintenance of laboratory notebooks or equivalent records and other records as are reasonably necessary to document the conception and/or the first actual reduction to practice of the reportable items, and records that show that the procedures for identifying and disclosing reportable items are followed. Upon request, the Contractor shall furnish the Contracting Officer a description of such procedures for evaluation and for determination as to their effectiveness.

(2) The Contractor will disclose each reportable item to the Contracting Officer within two months after the inventor discloses it in writing to Contractor personnel responsible for the administration of this New Technology clause or, if earlier, within six months after the Contractor becomes aware that a reportable item has been made, but in any event for subject inventions before any on sale, public use, or publication of such invention known to the Contractor. The disclosure to the agency shall be in the form of a written report and shall identify the contract under which the reportable item was made and the inventor(s) or innovator(s). It shall be sufficiently complete in technical detail to convey a clear understanding, to the extent known at the time of the disclosure, of the nature, purpose, operation, and physical, chemical, biological, or electrical characteristics of the reportable item. The disclosure shall also identify any publication, on sale, or public use of any subject invention and whether a manuscript describing such invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the agency, the Contractor will promptly notify the agency of the acceptance of any manuscript describing a subject invention for publication or of any on sale or public use planned by the Contractor for such invention.

(3) The Contractor shall furnish the Contracting Officer the following:

(i) Interim reports every 12 months (or such longer period as may be specified by the Contracting Officer) from the date of the contract, listing reportable items during that period, and certifying that all reportable items have been disclosed (or that there are no such inventions) and that the procedures required by Paragraph (e)(1) of this clause have been followed.

(ii) A final report, within 3 months after completion of the contracted work, listing all reportable items or certifying that there were no such reportable items, and listing all subcontracts at any tier containing a patent rights clause or certifying that there were no such subcontracts.

(4) The Contractor agrees, upon written request of the Contracting Officer, to furnish additional technical and other information available to the Contractor as is necessary for the preparation of a patent application on a subject invention and for the prosecution of the patent application, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions.

(5) The Contractor agrees, subject to Paragraph 27.302(i), of the Federal Acquisition Regulation (FAR), that the Government may duplicate and disclose subject invention disclosures and all other reports and papers furnished or required to be furnished pursuant to this clause.

(f) Examination of records relating to inventions.

(1) The Contracting Officer or any authorized representative shall, until 3 years after final payment under this contract, have the right to examine any books (including laboratory notebooks), records, and documents of the Contractor relating to the conception or first actual reduction to practice of inventions in the same field of technology as the work under this contract to determine whether--

(i) Any such inventions are subject inventions;

(ii) The Contractor has established and maintained the procedures required by Paragraph (e)(1) of this clause; and

(iii) The Contractor and its inventors have complied with the procedures.

(2) If the Contracting Officer learns of an unreported Contractor invention that the Contracting Officer believes may be a subject invention, the Contractor may be required to disclose the invention to the agency for a determination of ownership rights.

(3) Any examination of records under this paragraph will be subject to appropriate conditions to protect the confidentiality of the information involved.

(g) Withholding of payment (this paragraph does not apply to subcontracts).

(1) Any time before final payment under this contract, the Contracting Officer may, in the Government's interest, withhold payment until a reserve not exceeding \$50,000 or 5 percent of the

amount of this contract, whichever is less, shall have been set aside if, in the Contracting Officer's opinion, the Contractor fails to--

- (i) Establish, maintain, and follow effective procedures for identifying and disclosing reportable items pursuant to Paragraph (e)(1) of this clause;
- (ii) Disclose any reportable items pursuant to Paragraph (e)(2) of this clause;
- (iii) Deliver acceptable interim reports pursuant to Paragraph (e)(3)(i) of this clause;

or

(iv) Provide the information regarding subcontracts pursuant to Paragraph (h)(4) of this clause.

(2) Such reserve or balance shall be withheld until the Contracting Officer has determined that the Contractor has rectified whatever deficiencies exist and has delivered all reports, disclosures, and other information required by this clause.

(3) Final payment under this contract shall not be made before the Contractor delivers to the Contracting Officer all disclosures of reportable items required by Paragraph (e)(2) of this clause, and an acceptable final report pursuant to Paragraph (e)(3)(ii) of this clause.

(4) The Contracting Officer may decrease or increase the sums withheld up to the maximum authorized above. No amount shall be withheld under this paragraph while the amount specified by this paragraph is being withheld under other provisions of the contract. The withholding of any amount or the subsequent payment thereof shall not be construed as a waiver of any Government rights.

(h) Subcontracts.

(1) Unless otherwise authorized or directed by the Contracting Officer, the Contractor shall--

- (i) Include this clause (suitably modified to identify the parties) in any subcontract hereunder (regardless of tier) with other than a small business firm or nonprofit organization for the performance of experimental, developmental, or research work; and
- (ii) Include the clause at FAR 52.227-11 (suitably modified to identify the parties) in any subcontract hereunder (regardless of tier) with a small business firm or nonprofit organization for the performance of experimental, developmental, or research work.

(2) In the event of a refusal by a prospective subcontractor to accept such a clause the Contractor--

- (i) Shall promptly submit a written notice to the Contracting Officer setting forth the subcontractor's reasons for such refusal and other pertinent information that may expedite disposition of the matter; and
- (ii) Shall not proceed with such subcontract without the written authorization of the Contracting Officer.

(3) In the case of subcontracts at any tier, the agency, subcontractor, and Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and NASA with respect to those matters covered by this clause.

(4) The Contractor shall promptly notify the Contracting Officer in writing upon the award of any subcontract at any tier containing a patent rights clause by identifying the subcontractor, the applicable patent rights clause, the work to be performed under the subcontract, and the dates of award and estimated completion. Upon request of the Contracting Officer, the Contractor shall furnish a copy of such subcontract, and, no more frequently than annually, a listing of the subcontracts that have been awarded.

(5) The subcontractor will retain all rights provided for the Contractor in the clause of subparagraph (h)(1)(i) or (ii) of this clause, whichever is included in the subcontract, and the Contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(i) Preference for United States industry. Unless provided otherwise, no Contractor that receives title to any subject invention and no assignee of any such Contractor shall grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any products embodying the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement may be waived by the Administrator upon a showing by the Contractor or assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

G.4 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (NASA 1852.227-72) (JUL 1997)

(a) For purposes of administration of the clause of this contract entitled "New Technology" or "Patent Rights - Retention by the Contractor (Short Form)", whichever is included, the following named representatives are hereby designated by the Contracting Officer to administer such clause:

<u>Title</u>	<u>Office Code</u>	<u>Address (including zip code)</u>
New Technology Representative	212	NASA, Langley Research Center Hampton, VA 23681-2199
Patent Representative	212	NASA, Langley Research Center Hampton, VA 23681-2199

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, shall be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquiries or requests regarding disposition of rights, election of rights, or related matters shall be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights - Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

G.5 TECHNICAL DIRECTION (NASA 1852.242-70) (SEP 1993)

(a) Performance of the work under this contract is subject to the written technical direction of the Contracting Officer's Technical Representative (COTR), who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 18-42.270. "Technical direction" means a directive to the Contractor that approves approaches, solutions, designs, or refinements; fills in details or otherwise completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or furnishes similar instruction to the Contractor. Technical direction includes requiring studies and pursuit of certain lines of inquiry regarding matters within the general tasks and requirements in Section C of this contract.

(b) The COTR does not have the authority to, and shall not, issue any instructions purporting to be technical direction that -

- (1) Constitutes an assignment of additional work outside the statement of work;
- (2) Constitutes a change as defined in the changes clause;
- (3) In any manner causes an increase or decrease in the total estimated contract cost, the fixed fee (if any), or the time required for contract performance;
- (4) Changes any of the expressed terms, conditions, or specifications of the contract; or
- (5) Interferes with the Contractor's rights to perform the terms and conditions of the contract.

(c) All technical direction shall be issued in writing by the COTR.

(d) The Contractor shall proceed promptly with the performance of technical direction duly issued by the COTR in the manner prescribed by this clause and within the COTR's authority. If, in the Contractor's opinion, any instructions or direction by the COTR falls within any of the categories defined in paragraph (b) above, the Contractor shall not proceed but shall notify the Contracting Officer in writing within 5 working days after receiving it and shall request the Contracting Officer to take action as described in this clause. Upon receiving this notification, the Contracting Officer shall either issue an appropriate contract modification within a reasonable time or advise the Contractor in writing within 30 days that the instruction or direction is -

- (1) Rescinded in its entirety; or
- (2) Within the requirements of the contract and does not constitute a change under the changes clause of the contract and that the Contractor shall proceed promptly its performance.

(e) A failure of the Contractor and Contracting Officer to agree that the instruction or direction is both within the requirements of the contract and does not constitute a change under the changes clause, or a

failure to agree upon the contract action to be taken with respect to the instruction or direction shall be subject to the Disputes clause of this contract.

(f) Any action(s) taken by the Contractor in response to any direction given by any person other than the Contracting Officer or the COTR shall be at the Contractor's risk.

G.6 NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
(NASA 1852.242-73)(JUL 2000)

(a) The Contractor shall submit NASA Contractor Financial Management Reports on NASA Forms 533 in accordance with the instructions in NASA Procedures and Guidelines (NPG) 9501.2, *NASA Contractor Financial Management Reporting*, and on the reverse side of the forms, as supplemented in the Schedule of this contract. The detailed reporting categories to be used, which shall correlate with technical and schedule reporting, shall be set forth in the Schedule. Contractor implementation of reporting requirements under this clause shall include NASA approval of the definitions of the content of each reporting category and give due regard to the Contractor's established financial management information system.

(b) Lower level detail used by the Contractor for its own management purposes to validate information provided to NASA shall be compatible with NASA requirements.

(c) Reports shall be submitted in the number of copies, at the time, and in the manner set forth in the Schedule or as designated in writing by the Contracting Officer. Upon completion and acceptance by NASA of all contract line items, the Contracting Officer may direct the Contractor to submit Form 533 reports on a quarterly basis only, report only when changes in actual cost occur, or suspend reporting altogether.

(d) The Contractor shall ensure that its Form 533 reports include accurate subcontractor cost data, in the proper reporting categories, for the reporting period.

(e) If during the performance of this contract NASA requires a change in the information or reporting requirements specified in the Schedule, or as provided for in paragraph (a) or (c) of this clause, the Contracting Officer shall effect that change in accordance with the Changes clause of this contract.

G.7 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (NASA 1852.245-71) (JUN 1998)

(a) The Government property described in the clause at 1852.245-77, List of Installation-Accountable Property and Services, shall be made available to the Contractor on a no-charge basis for use in performance of this contract. This property shall be utilized only within the physical confines of the NASA installation that provided the property. Under this clause, the Government retains accountability for, and title to, the property, and the Contractor assumes the following user responsibilities:

The equipment user shall sign NASA Form 1602 for each piece of controlled equipment assigned for his/her use and shall inform the NASA Property Custodian of any changes in location (building and/or room number) or equipment user name. The equipment user shall notify the NASA property custodian and the contract manager if the assigned equipment cannot be located. Also, the Center Security Officer shall be notified immediately if theft of Government property is suspected. The equipment user shall prepare Langley Form 52 or Langley Form 141 and obtain the required signatures before removing any Government property from Langley Research Center.

The contractor shall establish and adhere to a system of written procedures for compliance with these user responsibilities. Such procedures must include holding employees liable, when appropriate, for loss, damage, or destruction of Government property.

(b) (1) The official accountable record keeping, physical inventory, financial control, and reporting of the property subject to this clause shall be retained by the Government and accomplished by the installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

(i) The contractor's purchase order shall require the vendor to deliver the property to the installation central receiving area;

(ii) The contractor shall furnish a copy of each purchase order, prior to delivery by the vendor, to the installation central receiving area:

(iii) The contractor shall establish a record of the property as required by FAR 45.5 and 1845.5 and furnish to the Industrial Property Officer a DD Form 1149 Requisition and Invoice/Shipping Document (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the contractor. The contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the contracting officer and notification of the SEMO. The contractor shall assume accountability and financial reporting responsibility for such property. The contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR Part 45.5 until its return to the installation.

(2) After transfer of accountability to the Government, the contractor shall continue to maintain such internal records as are necessary to execute the user responsibilities identified in paragraph (a) and document the acquisition, billing, and disposition of the property. These records and supporting documentation shall be made available, upon request, to the SEMO and any other authorized representatives of the contracting officer.

G.8 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (NASA 1852.245-73) (SEP 2000)

(a) The Contractor shall submit annually a NASA Form (NF) 1018, NASA Property in the Custody of Contractors, in accordance with the provisions of 1845.505-14, the instructions on the form, subpart 1845.71, and any supplemental instructions for the current reporting period issued by NASA. Subcontractor use of NF 1018 is not required by this clause; however, the Contractor shall include data on property in the possession of subcontractors in the annual NF 1018.

(b) (1) The Contractor shall mail the original signed NF 1018 directly to the Center Deputy Chief Financial Officer, Finance.

(2) Three copies shall be submitted (through the Department of Defense (DOD) Property Administrator if contract administration has been delegated to DOD) to the following address: unless the Contractor uses the NASA NF 1018 Electronic Submission System (NESS) for report preparation and submission.

(c) The annual reporting period shall be from October 1 of each year through September 30 of the following year. The report shall be submitted in time to be received by October 31. The information contained in these reports is entered into the NASA accounting system to reflect current asset values for agency financial statement purposes. Therefore, it is essential that required reports be received no later than October 31. The Contracting Officer may, in the Government's interest, withhold payment until a reserve not exceeding \$25,000 or 5 percent of the amount of the contract, whichever is less, has been set aside, if the Contractor fails to submit annual NF 1018 reports when due. Such reserve shall be withheld until the Contracting Officer has determined that the required reports have been received by the Government. *The withholding of any amount or the subsequent payment thereof shall not be construed as a waiver of any Government right.*

(d) A final report shall be submitted within 30 days after disposition of all property subject to reporting when the contract performance period is complete in accordance with (b)(1) and (2) of this clause.

G.9 CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT (NASA 1852.245-70) (JUL 1997)

(a) "Equipment," as used in this clause, means commercially available items capable of stand-alone use, including those to be acquired for incorporation into special test equipment or special handling.

(b) (1) Upon determination of need for any Government-owned equipment item for performance of this contract, the contractor shall provide to the Contracting Officer a written request justifying the need for the equipment and the reasons why contractor-owned property cannot be used, citing the applicable FAR or contract authority for use of Government-owned equipment. Equipment being acquired as a deliverable end item listed in the contract or as a component for incorporation into a deliverable end item listed in the contract is exempt from this requirement.

(2) The contractor's request shall include a description of the item in sufficient detail to enable the Government to screen its inventories for available equipment or to purchase equipment. For this purpose, the contractor shall (i) prepare a separate DD Form 1419, DOD Industrial Plant Equipment Requisition, or equivalent format, for each item requested and (ii) forward it through the contracting officer to the Industrial Property Officer at the cognizant NASA installation at least 30 days in advance of the date the contractor intends to acquire the item. Multiple units of identical items may be requested on a single form. Instructions for preparing the DD Form 1419 are contained in NASA FAR Supplement 1845.7102. If a certificate of nonavailability is not received within that period, the contractor may proceed to acquire the item, subject to having obtained contracting officer consent, if required, and having complied with any other applicable provisions of this contract.

(c) Contractors who are authorized to conduct their own screening using the NASA Equipment Management System (NEMS) and other Government sources of excess property shall provide the evidence of screening results with their request for contracting officer consent. Requests to purchase based on unsuitability of items found shall include rationale for the determined unsuitability.

G.10 LIST OF GOVERNMENT-FURNISHED PROPERTY (1852.245-76) (OCT 1988)

For performance of work under this contract, the Government will make available Government property identified below or in Exhibit B of this contract on a no-charge-for-use basis. The Contractor shall use this property in the performance of this contract at NASA, LaRC and at other location(s) as may be approved by the Contracting Officer. Under the FAR 52.245 Government property clause of this contract, the Contractor is accountable for the identified property.

Note: The property noted in Exhibit B will be furnished during the Phase-In period, prior to the start date of services required by the SOW.

G.11 LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES (NASA 1852.245-77) (JUL 1997)

In accordance with the clause at 1852.245-71, Installation-Accountable Government Property, the Contractor is authorized use of the types of property and services listed below, to the extent they are available, in the performance of this contract within the physical borders of the installation which may include buildings and space owned or directly leased by NASA in close proximity to the installation, if so designated by the Contracting Officer.

(a) Office space, work area space, and utilities. Government telephones are available for official purposes only.

(b) General- and special-purpose equipment, including office furniture.

(1) Equipment to be made available is listed in Exhibit A. The necessary communication lines to equipment will be provided by the Government. The Government retains accountability for this property under the clause at 1852.245-71, Installation-Accountable Government Property, regardless of its authorized location.

(2) If the Contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract, this property also shall become accountable to the Government upon its entry into Government records as required by the clause at 1852.245-71, Installation-Accountable Government Property.

(3) The Contractor shall not bring to the installation for use under this contract any property owned or leased by the Contractor, or other property that the Contractor is accountable for under any other Government contract, without the Contracting Officer's prior written approval.

(c) Faxes, copiers, projectors, telecommunications equipment, and related supplies.

(d) Safety and fire protection for Contractor personnel and facilities.

(e) Installation service facilities: Graphics, Shipping & Receiving, Reproduction, Photolab, Laserlab, Clean rooms, Library, Learning Center, Conference Rooms, Security, Badge & Pass, and Fabrication

(f) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty.

(g) Cafeteria privileges for Contractor employees during normal operating hours.

(h) Building maintenance for facilities occupied by Contractor personnel.

- (i) Moving and hauling for office moves, movement of large equipment, and delivery of supplies. Moving services shall be provided on-site, as approved by the Contracting Officer.
- (j) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

G.12 PROVIDING FACILITIES TO CONTRACTORS (LaRC 52.245-90) (DEC 1999)

A. In accordance with FAR 45.302-1, it is policy of the Government that Contractors shall furnish all facilities required for performing Government contracts. "Facilities" include real property and plant equipment including personal property such as general purpose off-the-shelf equipment, machine tools, test equipment, furniture and vehicles. "Facilities" do not include material, special test equipment, special tooling or agency-peculiar property.

B. In keeping with the policy set forth in FAR 45.302-1, the Government will not provide NEW "facilities," except as provided for in the Statement of Work.

C. However, the Government will provide EXISTING facilities as listed in G.13 and Exhibit A and B. Any of these "Non Mission Critical" existing facilities that reach the end of their useful life during the contract period, or which are beyond economical repair, shall be replaced by the Contractor, if the facilities are still needed for contract performance. Contractor acquisitions of facility items for the Government is prohibited, unless specifically authorized by the contract or consent has been obtained in writing from the Contracting Officer pursuant to FAR 45.302-1(a).

D. Notwithstanding the "Allowable Cost and Payment" clause of this contract, cost of facilities are not an allowable cost except when charged to this contract in accordance with your approved accounting system.

G.13 GOVERNMENT PROPERTY

The Government property listed in Exhibit A, entitled "Installation-Accountable Government Property" contains the following on-site property:

1. Atmospheric Science Data Center Mission Critical Systems
2. Atmospheric Science Data Center Non Mission Critical Systems
3. Atmospheric Science Data Center Mission Critical Software
4. Atmospheric Science Data Center Non Mission Critical Software
5. Science Support Equipment Mission Critical
6. Shared Science Equipment

The Government property listed in Exhibit B, entitled "List of Government Furnished Property" contains the following off-site property:

1. Science Computing Mission Critical Systems
2. Science Support Equipment Non Mission Critical Items

NASA FAR Supplement clauses 1852.245-77, entitled "List of Installation Accountable Property and Services" and 1852.245-71 entitled "Installation-Accountable Government Property" pertain to the property set forth in Exhibit A.

NASA FAR Supplement clauses 1852.245-76, entitled "List of Government Furnished property" and 1852.245-73, entitled "Financial Reporting of NASA Property in the Custody of Contractors" pertain to the property set forth in Exhibit B.

Langley Research Center Clause 1852.245-90 entitled "Providing Facilities to Contractors" pertains to the property listed as Non-Mission Critical in both Exhibit A.2, A.4 and B.2.

The on-site equipment furnished by Goddard Space Flight Center is set forth on-line at <http://cmdm.east.hitc.com/baseline>.

G.14 INVOICES AND PAYMENTS (LaRC 52.232-96) (OCT 1992)

- A. General--Invoices shall be addressed as shown in Block 25 on page 1 of this contract and shall be identified by the contract number. Cost and fee invoices shall be submitted separately.
- B. Cost--Payments of cost shall be made in monthly installments.
- C. Cost invoices shall be submitted through the delegated Government Audit Agency.
- D. Payments of award fee shall be made in response to and in the amount of the Fee Determination Official's written Notice of Award Fee as set forth in paragraph G.1. Payments of award fee (and base fee, as applicable) are subject to the withholding provisions of the clause entitled "Award Fee for Service Contracts."

G.15 NOTIFICATION OF WORK

A. The work to be performed within the areas outlined in Section C, Statement of Work, will be more specifically directed by means of a written Notification of Work (NOW) issued by the Government, containing (as applicable) the following information:

1. Date Issued
2. NOW number
3. NOW Title
4. COTR
5. Technical Monitor
6. Requesting organization
7. Progress Reporting Period (i.e. Monthly, Quarterly, or both)
8. Description of work
9. Performance Standards
10. Special requirements*
11. Deliverables/End product*
12. Plan and schedule requirements*
13. Manpower estimate*
14. Material and computer cost estimate*
15. Government-furnished items*
16. Data Rights Clause*

(*) To be provided by the Government, or to be required of the Contractor, at the option of the Government

A. Notifications of Work may be issued to the Contractor for planning. When the Contractor develops a plan, it will be submitted to the Government for review and approval. Upon approval by the Government, the NOW will be submitted back to the Contractor, with changes as necessary, for acceptance and implementation. During the implementation phase, any required/requested modifications will be handled via NOW modification request. If the modification varies significantly from the original NOW, a new plan may be required for approval by the Government. After completion of the work, including required documentation, the Contractor shall prepare a closeout report for review and concurrence by the Government.

B. The Contractor shall furnish a control and reporting system capable of accurately obtaining on a monthly basis actual man-hours, labor costs, and material costs associated with each NOW.

D. If any NOW is considered by the Contractor to be outside the scope of this contract, or if the Contractor has reason to believe that it will exceed the scope of its contractual obligation (e.g. contract estimated cost and contract funding), in the performance thereof, the Contractor shall immediately notify the Contracting Officer in writing and shall not perform any work on the NOW pending resolution by the Contracting Officer.

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 CENTRAL CONTRACTOR REGISTRATION (1852.204-74) (AUG 2000)

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

(1) "Central Contractor Registration (CCR) database" means the primary DoD repository for contractor information required for the conduct of business with NASA.

(2) "Data Universal Number System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) "Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by Dun and Bradstreet-plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying sub-units or affiliates of the parent business concern.

(4) "Commercial Government and Entity Code (CAGE Code)" means

(i) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or

(ii) A code assigned by a member of the North Atlantic Treaty Organization (NATO) that is recorded and maintained by DLIS in the CAGE master file.

(5) "Registered in the CCR database" means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding CAGE code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b) (1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee must be registered in the CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors performing work outside of the United States.

(2) The Contracting Officer will verify that the offeror is registered in the CCR database.

(3) Lack of registration in the CCR database will make an offeror ineligible for award after March 31, 2001.

(4) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered shall consider applying for registration immediately upon receipt of this solicitation.

(c) The Contractor is responsible for the accuracy and completeness of the data within the CCR, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to confirm on an annual basis that its information in the CCR database is accurate and complete.

(d) Offerors and contractors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr2000.com> or by calling 888-CCR-2423 (888-227-2423).

H.2 RESTRICTIONS ON PRINTING AND DUPLICATING (NASA 1852.208-81) (AUG 1993)

(a) The Contractor shall reproduce any documentation required by this contract in accordance with the provisions of the Government Printing and Binding Regulations, No. 26, S. Pub 101-9, U.S. Government Printing Office, Washington, DC. 20402, published by the Joint Committee on Printing, U.S. Congress.

(b) The Contractor shall not perform, or procure from any commercial source, any printing in connection with the performance of work under this contract. The term "printing" includes the processes

of composition, platemaking, presswork, silk screen processes, binding, microform, and the end items of such processes and equipment.

(c) "Duplicating/copying" is not considered to be printing. It is material produced by duplicating equipment employing the lithographic process and automatic copy-processing or copier-duplicating machines employing electrostatic, thermal, or other copying processes not requiring the use of negatives or metal plates. The Contractor is authorized to duplicate production units provided the requirement does not exceed 5,000 production units of any one page or 25,000 units in the aggregate of multiple pages. Such plates may not exceed a maximum image size of 10-3/4 by 14-1/4 inches. A "production unit" is one sheet, size 8-1/2 x 11 inches (215 x 280 mm), one side only, and one color ink.

(d) This clause does not preclude writing, editing, preparation of manuscript copy, or preparation of related illustrative material as a part of this contract, or administrative duplicating/copying (for example, necessary forms and instructional materials used by the Contractor to respond to the terms of the contract).

(e) Costs associated with printing or duplicating/copying in excess of the limits set forth above are unallowable without prior written approval of the Contracting Officer. If the Contractor has reason to believe that any activity required in fulfillment of the contract will necessitate any printing or substantial duplicating/copying, it immediately shall provide written notice to the Contracting Officer and request approval prior to proceeding with the activity. Requests will be processed by the Contracting Officer in accordance with the provisions of the Government Printing and Binding Regulations and NFS 1808.802.

(f) The Contractor shall include in each subcontract which may involve a requirement for any printing and/or any duplicating/copying in excess of the limits specified in paragraph (c) of this clause, a provision substantially the same as this clause, including this paragraph (f).

H.3 SAFETY AND HEALTH (NASA 1852.223-70) (MAY 2001)

(a) Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. NASA's safety priority is to protect: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property.

(b) The Contractor shall take all reasonable safety and occupational health measures in performing this contract. The Contractor shall comply with all Federal, State, and local laws applicable to safety and occupational health and with the safety and occupational health standards, specifications, reporting requirements, and any other relevant requirements of this contract.

(c) The Contractor shall take, or cause to be taken, any other safety, and occupational health measures the Contracting Officer may reasonably direct. To the extent that the Contractor may be entitled to an equitable adjustment for those measures under the terms and conditions of this contract, the equitable adjustment shall be determined pursuant to the procedures of the changes clause of this contract; provided, that no adjustment shall be made under this Safety and Health clause for any change for which an equitable adjustment is expressly provided under any other clause of the contract.

(d) The Contractor shall immediately notify and promptly report to the Contracting Officer or a designee any accident, incident, or exposure resulting in fatality, lost-time occupational injury, occupational disease, contamination of property beyond any stated acceptable limits set forth in the contract Schedule; or property loss of \$25,000 or more, or Close Call (a situation or occurrence with no injury, no damage or only minor damage (less than \$1,000) but possesses the potential to cause any type mishap, or any injury, damage, or negative mission impact) that may be of immediate interest to NASA, arising out of work performed under this contract. The Contractor is not required to include in any report an expression of opinion as to the fault or negligence of any employee. In addition, service contractors (excluding construction contracts) shall provide quarterly reports specifying lost-time frequency rate, number of lost-time injuries, exposure, and accident/incident dollar losses as specified in the contract Schedule.

(e) The Contractor shall investigate all work-related incidents, accidents, and Close Calls, to the extent necessary to determine their causes and furnish the Contracting Officer a report, in such form as the Contracting Officer may require, of the investigative findings and proposed or completed corrective actions.

(f) (1) The Contracting Officer may notify the Contractor in writing of any noncompliance with this clause and specify corrective actions to be taken. The Contractor shall promptly take and report any necessary corrective action.

(2) If the Contractor fails or refuses to institute prompt corrective action in accordance with subparagraph (f)(1) of this clause, the Contracting Officer may invoke the stop-work order clause in this contract or any other remedy available to the Government in the event of such failure or refusal.

(g) The Contractor (or subcontractor or supplier) shall insert the substance of this clause, including this paragraph (g) and any applicable Schedule provisions, with appropriate changes of designations of the parties, in subcontracts of every tier that –

(1) Amount to \$1,000,000 or more (unless the Contracting Officer makes a written determination, after consultation with installation safety and health representatives, that this is not required);

(2) Require construction, repair, or alteration in excess of \$25,000; or

(3) Regardless of dollar amount, involve the use of hazardous materials or operations.

(h) Authorized Government representatives of the Contracting Officer shall have access to and the right to examine the sites or areas where work under this contract is being performed in order to determine the adequacy of the Contractor's safety and occupational health measures under this clause.

(i) The contractor shall continually update the safety and health plan when necessary. In particular, the Contractor shall furnish a list of all hazardous operations to be performed, and a list of other major or key operations required or planned in the performance of the contract, even though not deemed hazardous by the Contractor. NASA and the Contractor shall jointly decide which operations are to be considered hazardous, with NASA as the final authority. Before hazardous operations commence, the Contractor shall submit for NASA concurrence –

(1) Written hazardous operating procedures for all hazardous operations; and/or

(2) Qualification standards for personnel involved in hazardous operations.

H.4 MAJOR BREACH OF SAFETY OR SECURITY (NASA 1852.223-75) (MAY 2001)

(a) Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. Safety is essential to NASA and is a material part of this contract. NASA's safety priority is to protect: (1) the public; (2) astronauts and pilots; (3) the NASA workforce (including contractor employees working on NASA contracts); and (4) high-value equipment and property. A major breach of safety may constitute a breach of contract that entitles the Government to exercise any of its rights and remedies applicable to material parts of this contract, including termination for default. A major breach of safety must be related directly to the work on the contract. A major breach of safety is an act or omission of the Contractor that consists of an accident, incident, or exposure resulting in a fatality or mission failure; or in damage to equipment or property equal to or greater than \$1 million; or in any "willful" or "repeat" violation cited by the Occupational Health and Safety Administration (OSHA) or by a state agency operating under an OSHA approved plan.

(b) Security is the condition of safeguarding against espionage, sabotage, crime (including computer crime), or attack. A major breach of security may constitute a breach of contract that entitles the Government to exercise any of its rights and remedies applicable to material parts of this contract, including termination for default. A major breach of security may occur on or off Government installations, but must be related directly to the work on the contract. A major breach of security may arise from any of the following: compromise of classified information; illegal technology transfer; workplace violence resulting in criminal conviction; sabotage; compromise or denial of information technology services; damage or loss greater than \$250,000 to the Government; or theft.

(c) In the event of a major breach of safety or security, the Contractor shall report the breach to the Contracting Officer. If directed by the Contracting Officer, the Contractor shall conduct its own investigation and report the results to the Government. The Contractor shall cooperate with the Government investigation, if conducted.

H.5 EXPORT LICENSES (NASA 1852.225-70) (FEB 2000)

(a) The Contractor shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export

Administration Regulations (EAR), 15 CFR Parts 730 through 799, in the performance of this contract. In the absence of available license exemptions/exceptions, the Contractor shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance.

(b) The Contractor shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in the performance of this contract, including instances where the work is to be performed on-site at Langley Research Center, where the foreign person will have access to export-controlled technical data or software.

(c) The Contractor shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

(d) The Contractor shall be responsible for ensuring that the provisions of this clause apply to its subcontractors.

H.6 OBSERVANCE OF LEGAL HOLIDAYS (NASA 18-52.242-72) (AUG 1992) ALTERNATE II (OCT 2000)

(a) The on-site Government personnel observe the following holidays:

New Year's Day
 Labor Day
 Martin Luther King Jr.'s Birthday
 Columbus Day
 President's Day
 Veterans Day
 Memorial Day
 Thanksgiving Day
 Independence Day
 Christmas Day

Any other day designated by Federal statute, Executive Order, or the President's proclamation.

(b) When any holiday falls on a Saturday, the preceding Friday is observed. When any holiday falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not by itself be cause for an additional period of performance or entitlement of compensation except as set forth within the contract.

(c) On-site personnel assigned to this contract shall not be granted access to the installation during the holidays in paragraph (a) above, except as follows: the Contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative. If the Contractor's on-site personnel work during a holiday other than those in paragraph (a) above, no form of holiday or other premium compensation shall be reimbursed as either a direct or indirect cost. However, this does not preclude reimbursement for authorized overtime work that would have been overtime regardless of the status of the day as a holiday.

(d) The Contractor shall place identical requirements, including this paragraph, in all subcontracts that require performance of work on-site, unless otherwise instructed by the Contracting Officer.

(e) When the NASA installation grants administrative leave to its Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), Contractor personnel working on-site shall also be dismissed. However, the contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative.

(f) Whenever administrative leave is granted to Contractor personnel pursuant to paragraph (e) above, it shall be without loss to the Contractor. The cost of salaries and wages to the Contractor for the period of any such excused absence shall be a reimbursable item of cost under this contract for employees in accordance with the Contractor's established accounting policy.

H.7 OPTION TO EXTEND THE TERM OF THE CONTRACT (FAR 52.217-9) (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within the period of performance; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 15 days. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 60 months.

H.8 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION

Employee Class	Monetary Wage
Electronic Technician	\$17.16
Test Conductor	\$17.16
Engineering Associate	\$17.16
Administrative Associate (Level 1)	\$17.16
Project Planner (Level 1)	\$20.76
Data Specialist (Level 1)	\$14.03
Documentarian (Level 1)	\$17.16
Scheduler/Cost Analyst (Level 1)	\$20.76
Education Specialist (Level 1)	\$17.16

FRINGE BENEFITS

- Annual Leave - Receives 13 days paid leave for service up to 3 years; 20 days for 3 to 15 years service; and 26 days for 15 years service or over.
- Sick Leave - Receives 13 days paid leave per year.
- Holidays - Receives 10 paid holidays per year.
- Health Insurance - Government pays up to 60% of health insurance.
- Group Life Insurance - Government pays two-thirds of life insurance rate premiums.
- Retirement - The Government provides three retirement plans identified as the Civil Service Retirement System (CSRS), the Federal Employees Retirement System (FERS), and the CSRS Offset. Under the CSRS, the Government contributes 7% of the employees' base pay towards the retirement benefit and 1.45% towards Medicare. Under the FERS, the Government contributes 11.4% of the employees' base pay towards a basic benefit plan, 6.2% to Social Security, 1.45% towards Medicare, and 1% (plus matching contributions of up to 4% of basic pay, depending on employees')

contributions) to a thrift savings plan. Under the CSRS Offset, the Government contributes 0.8% of the employees' base pay towards the retirement benefit, 6.2% to Social Security, and 1.45% towards Medicare.

Part-time Federal employees receive pro rata annual leave, sick leave, holiday leave, health insurance, and group life insurance benefits based on the number of hours worked.

H.9 OPTIONS

Priced Options for Extended Terms

Pursuant to the clause entitled "Option to Extend the Term of the Contract (MAR 2000)," the Contractor hereby grants to the Government options to extend the term of the contract for three additional periods of twelve months each. Such options are to be exercisable by issuance of a unilateral modification. Upon exercise of such option(s) by the Government, the following items will be increased by the amount specified below for each option period.

<u>Item</u>	<u>First Option Period</u>	<u>Second Option Period</u>	<u>Third Option Period</u>
Period of Performance (Ref. F.2)	12 months	12 months	12 months
Estimated Cost (Ref. B.1)	\$	\$	\$
Award Fee (Ref. B.4)	\$	\$	\$
Award Fee Availability (Ref. B.4)			
Period 5 (First Option)	\$		
Period 6 (First Option)	\$		
Period 7 (Second Option)		\$	
Period 8 (Second Option)		\$	
Period 9 (Third Option)			\$
Period 10 (Third Option)			\$

H.10 SECURITY PROGRAM/FOREIGN NATIONAL EMPLOYEE ACCESS REQUIREMENTS (LaRC 52.204-91) (FEB 2000)

Foreign nationals must meet the eligibility requirements outlined in NPG 1371.2 prior to performing any work under a contract. Eligibility determinations will be based solely on the scientific and technical contributions of the contractor, as outlined in the statement of work. Foreign nationals who meet the eligibility requirements will undergo a rigorous approval and investigative process prior to physical access to the Center and/or to NASA information. Foreign nationals must be sponsored by a NASA Civil Service employee. The sponsor must submit a formal request to the Security Office for access to the Center and/or NASA information, to include electronic information. The request will be processed through the Center's Export Administrator and subject to approval by the International Visits Coordinator. Normal processing time for a request is between 60 and 90 days depending on the nationality of the foreign national. All approvals will be for a maximum of one year, and must be

resubmitted annually. Following approval, the foreign national will undergo a National Agency Check Investigation (NACI). As part of the NACI, the foreign national will submit a "Name Check Request" (NASA Form 531) and a completed "applicant" fingerprint card, to the LaRC Security Office, Mail Stop 450. Normal processing time for a NACI is between 90 to 120 days. Until the NACI is completed and favorably adjudicated, the foreign national will require complete escort from entry onto and exit off of the Center, and will not be allowed access to electronic information unless approved by the Center Information Technology Security Manager. Upon completion of the NACI, the foreign national will only be granted unescorted access to an approved workplace and to designated open areas during normal weekday work hours between 6:00 a.m. and 6:00 p.m. The foreign national will not be granted access during non-work hours, weekends, and holidays. Derogatory information developed concerning the foreign national may be grounds for visit termination.

H.11 UNESCORTED ACCESS BY CONTRACTOR EMPLOYEES (LaRC 52.204-102) (SEP 2000)

Background investigations are required for Contractor employees to have unescorted access to the Langley Research Center. All Contractor employees must, as a minimum, have a favorably adjudicated NASA Agency Check (NAC). However, a NAC is not required if the Contractor can certify that an employee has an active United States Government Security Clearance, Confidential or higher, meeting the requirements of Executive Order #12968 or a current LaRC favorably adjudicated NAC investigation.

The Contractor shall submit a "Name Check Request" (NASA Form 531), an "Authorization for Release of Credit Reports" (NASA Form 1684), and a completed FD-258, "Applicant" fingerprint card to the LaRC Badge and Pass Office, Mail Stop 232. Normal processing time for a NAC is approximately 60 days. When it is necessary for an employee to perform work prior to completion of the NAC, the employee may be escorted by an individual who has a favorable NAC or a current National Security Clearance level or as otherwise approved by the LaRC Security Officer.

H.12 INFORMATION TECHNOLOGY (IT) IMPLEMENTATION SECURITY PLAN INCORPORATED BY REFERENCE (LaRC 52.204-103) (AUG 2000)

In accordance with the Section I NFS Clause 1852.204-76, Security Requirements for Unclassified Information Technology Resources, an Information Technology (IT) Security Implementation Plan shall be submitted within 30 calendar days after date of contract award to the Contracting Officer Technical Representative and LaRC IT Security Manager for approval. The plan is incorporated herein by reference upon approval.

H.13 (LIMITED) RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (LaRC 52.204-104) (JAN 2001)

(a) NASA may find it necessary to release information submitted by the Contractor, either in response to this solicitation or pursuant to the provisions of this contract, to individuals not employed by NASA. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by submission of this proposal, or signature on this contract or other contracts, the Contractor hereby consents to a limited release of its Confidential Business Information (CBI).

(b) Possible circumstances where the Agency may release the Contractor's CBI include, but are not limited to, the following:

(1) To other Agency contractors and subcontractors, and their employees tasked with assisting the Agency in handling and processing information and documents in the evaluation, the award or the administration of Agency contracts, such as providing both preaward and post award audit support and specialized technical support to NASA's technical evaluation panels;

(2) To NASA contractors and subcontractors, and their employees engaged in information systems analysis, development, operation, and maintenance, including performing data processing and management functions for the Agency.

(c) NASA recognizes its obligation to protect the contractor from competitive harm that could result from the release of such information to a competitor. Except where otherwise provided by law, NASA will permit the limited release of CBI under subparagraphs (1) or (2) only pursuant to non-disclosure agreements signed by the assisting contractor or subcontractor, and their individual employees who may require access to the CBI to perform the assisting contract.

(d) NASA's responsibilities under the Freedom of Information Act are not affected by this clause.

(e) The Contractor agrees to include this clause, including this paragraph (e), in all subcontracts at all levels awarded pursuant to this contract that require the furnishing of CBI by the subcontractor.

H.14 OBSERVATION OF REGULATIONS AND IDENTIFICATION OF CONTRACTOR'S EMPLOYEES (LaRC 52.211-104) (APRIL 2000)

A. Observation of Regulations--In performance of that part of the contract work which may be performed at Langley Research Center or other Government installation, the Contractor shall require its employees to observe the rules and regulations as prescribed by the authorities at Langley Research Center or other installation including all applicable Federal, NASA and Langley or other local installation safety, health, environmental and security regulations.

B. Identification Badges--At all times while on LaRC property, the Contractor shall require its employees, subcontractors and agents to wear badges which will be issued by the NASA LaRC Badge and Pass Office, located at 1 Langley Boulevard (Building No. 1228). Badges shall be issued only between the hours of 6:30 a.m. and 3:30 p.m., Monday through Friday. Contractors will be held accountable for these badges, and may be required to validate outstanding badges on an annual basis with the NASA LaRC Security Office. Immediately upon employee termination or contract completion, badges shall be returned to the NASA LaRC Badge and Pass Office.

H.15 INCORPORATION OF SECTION K OF THE PROPOSAL BY REFERENCE (LaRC 52.215-107) (JUN 1998)

Pursuant to FAR 15.204-1(b), the completed Section K of the proposal dated _____ is hereby incorporated herein by reference.

H.16 DATA RIGHTS

The Government desires to obtain copyright in computer software first produced in the performance of this contract and will direct the Contractor to assert, or authorize the assertion of, such copyright to the Government or its designated assignee upon development of the software. Accordingly, all computer software developed under the contract shall be provided to the Government with unlimited rights, unless specified otherwise in a NOW.

The following clause have been inserted by reference in Section I of this contract and pertain to the restricted computer software and/or limited rights data that may be delivered under Notices of Work:

52.227-14 – Rights in Data – General (Jun 1987) – Alternate II (Jun 1987) and Alternate III (Jun 1987) – as modified by NASA FAR Supplement 1852.227-14

**H.17 ADVANCE APPROVAL FOR RELEASE OF TECHNICAL INFORMATION
(LaRC 52.227-92) (JUL 1998)**

The Contractor shall not release technical information based on or containing data first produced in the performance of this contract and describing the work performed under this contract unless prior written approval is given by NASA. The Contractor shall submit technical information regarding the contract effort, such as journal articles, meeting papers, and technical documents to the Contracting Officer's Technical Representative (COTR) for review and concurrence with approval by the Center Export Administrator or designee prior to publication, presentation or release to others. The Contractor may proceed upon receipt of written concurrence by the COTR, unless directed otherwise in the COTR concurrence letter.

**H.18 SMALL DISADVANTAGED BUSINESS PARTICIPATION—CONTRACT TARGETS
(LaRC 52.219-91) (JAN 1999) (for offeror fill-in)**

Fill-In: By offeror

(a) This clause does not apply to, and should not be completed by, Small Disadvantaged Business (SDB) offerors unless the SDB offeror has waived the price evaluation adjustment [see Paragraph (c) of FAR clause 52.219-23].

(b) FAR 19.1202-4(a) requires that SDB participation targets be incorporated in the contract. Targets for this contract are as follows: (See www.sba.gov/sdb for Department of Commerce Major SDB NAICS Groups.)

	<u>Department of Commerce</u> <u>NAICS Group</u>	<u>Dollar Target</u>	<u>Percent of Contract Value</u>
1. <u>Basic Contract Period (2 yrs)</u>			
First year	Total		
Second year	Total		
2. <u>Option Year 1</u>			
	Total		
3. <u>Option Year 2</u>			
	Total		
4. <u>Option Year 3</u>			
	Total		

(c) FAR 19.1202-4(b) requires that SDB concerns that are specifically identified by the offeror be listed in the contract when the extent of the identification of such subcontractors was part of the SDB evaluation subfactor. SDB concerns (subcontractors) specifically identified by the offeror are as follows:

Name of Concern(s):

The Contractor shall notify the Contracting Officer of any substitutions of firms that are not SDB concerns.

(d) If the prime offeror is an SDB (including joint venture partners and team members) that has waived the price evaluation adjustment, the target for the work it intends to perform as a prime contractor in authorized NAICS Groups, as determined by the Commerce Department, is as follows:

	<u>Dollars</u>	<u>Percent of Contract Value</u>
1. Basic Contract Period (2 Years)		
2. Option Year 1		
3. Option Year 2		
4. Option Year 3		

H.19 QUALITY SYSTEM REQUIREMENTS (ISO)

The Contractor's quality system shall be compliant with the requirements of the current ANSI/ISO/ASQC Q ISO 9001 standard, *Quality Management Systems Requirements*. The Contractor shall transition to ISO 9001:2000 no later than December 2003. If the Contractor's quality system is not already compliant with the requirements of the current ANSI/ISO/ASQC Q ISO 9001 standard, the Contractor shall develop quality system procedures and associated documentation to become compliant within nine months after the contract effective date. The Contractor's quality system shall remain in compliance with the current ANSI/ISO/ASQC Q ISO 9001 or ISO 9001:2000 standard during the term of the contract. The Government reserves the rights to audit the Contractor's quality system at any time. The requirements of this clause do not flow down to subcontractors.

"Compliant" as used in this clause means that the contractor has defined, documented, and will continually implement during the term of the contract management-approved methods of operation that conform to the requirements given in the above-cited International Standard.

PART II - CONTRACT CLAUSES

SECTION I - CONTRACT CLAUSES

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE:

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

<u>CLAUSE NUMBER</u>	<u>TITLE AND DATE</u>
52.202-1	Definitions (Mar 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	Printing 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)
52.211-15	Defense Priority and Allocation Requirement (Sep 1990)
52.215-2	Audit and Records – Negotiation (Jun 1999)
52.215-8	Order of Precedence – Uniform Contract Format (Oct 1997)
52.215-11	Price Reduction for Defective Cost or Pricing Data – Modifications (Oct 1997)
52.215-13	Subcontractor Cost or Pricing Data – Modifications (Oct 1997)
52.215-15	Pension Adjustments and Asset Reversions (Dec 1998)

- 52.215-17 Waiver of Facilities Capital Cost of Money (Oct 1997)
- 52.215-18 Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other Than Pensions (Oct 1997)
- 52.216-7 Allowable Cost and Payment (Mar 2000)
- 52.217-8 Option to Extend Services (Aug 1989)
- 52.219-8 Utilization of Small Business Concerns (Oct 2000)
- 52.219-9 Small Business Subcontracting Plan (Oct 2000) – Alternate II (Oct 2000)
- 52.219-16 Liquidated Damages – Subcontracting Plan (Jan 1999)
- 52.219-25 Small Disadvantaged Business Participation Program – Disadvantaged Status and Reporting (Jan 1999)
- 52.222-1 Notice to the Government of Labor Disputes (Feb 1997)
- 52.222-2 Payment for Overtime Premiums (Jul 1990)
[Insert "(zero" or the dollar amount agreed to during negotiations) in paragraph (a).]
- 52.222-3 Convict Labor (Aug 1996)
- 52.222-21 Prohibition of Segregated Facilities (Feb 1999)
- 52.222-26 Equal Opportunity (Feb 1999)
- 52.222-35 Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (Apr 1998)
- 52.222-36 Affirmative Action for Workers with Disabilities (Jun 1998)
- 52.222-37 Employment Reports on Disabled Veterans and Veterans of the Vietnam Era (Jan 1999)
- 52.222-41 Service Contract Act of 1965, as Amended (May 1989)
- 52.222-47 Service Contract Act (SCA) Minimum Wages and Fringe Benefits (May1989)
[Insert "(Contractor's name) and (Union's name)" in the second sentence of the clause.]
- 52.223-5 Pollution Prevention and Right-to-Know Information (Apr 1998)
- 52.223-6 Drug-Free Workplace (Mar 2001)
- 52.223-10 Waste Reduction Program (Aug 2000)
- 52.223-14 Toxic Chemical Release Reporting (Oct 2000)
- 52.225-13 Restrictions on Certain Foreign Purchases (Jul 2000)
- 52.225-16 Sanctioned European Union Country Services (Feb 2000)
- 52.227-1 Authorization and Consent (Jul 1995)
- 52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (Aug 1996)
- 52.227-11 *Patent Rights—Retention by the Contractor (Short Form) (Jun 1997) – as modified by NASA FAR Supplement 1852.227-11*
- 52.227-14 Rights in Data – General (Jun 1987) – Alternate II(Jun 1987) and Alternate III (Jun 1987)—as modified by NASA FAR Supplement 1852.227-14
- 52.227-16 Additional Data Requirements (Jun 1987)
- 52.228-7 Insurance—Liability to Third Persons (Mar 1996)
- 52.230-2 Cost Accounting Standards (Apr 1998)
- 52.230-6 Administration of Cost Accounting Standards (Apr 1996)
- 52.232-9 Limitation on Withholding of Payments (Apr 1984)
- 52.232-17 Interest (Jun 1996)
- 52.232-22 Limitation of Funds (Apr 1984)
- 52.232-23 Assignment of Claims (Jan 1986)
- 52.232-25 Prompt Payment (Mar 2001)
- 52.232-34 Payment by Electronic Funds Transfer – Other Than Central Contractor Registration (May 1999)
[Insert "no later than 15 days prior to submission of the first request for payment" in paragraph (b)(1).]
- 52.233-1 Disputes (Dec 1998) – Alternate I (Dec 1991)
- 52.233-3 Protest After Award (Aug 1996) – Alternate I (Jun 1985)
- 52.237-2 Protection of Government Buildings, Equipment, and Vegetation (Apr 1984)
- 52.237-3 Continuity of Services (Jan 1991)
- 52.239-1 Privacy or Security Safeguards (Aug 1996)
- 52.242-1 Notice of Intent to Disallow Costs (Apr 1984)
- 52.242-3 Penalties for Unallowable Costs (Mar 2001)
- 52.242-4 Certification of Final Indirect Costs (Jan 1997)
- 52.242-13 Bankruptcy (Jul 1995)
- 52.243-2 Changes -- Cost-Reimbursement (Aug 1987) - Alternate I (Apr 1984)

52.244-2	Subcontracts (Aug 1998) – Alternate I (Aug 1998) [Insert "(none)" in the table of paragraph (e); the table in paragraph (k) will be updated by the Contracting Officer, if necessary, at the time of contract award.]
52.244-5	Competition in Subcontracting (Dec 1996)
52.245-5	Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts) (Jan 1986) (DEVIATION) (Jul 1995)
52.246-25	Limitation of Liability--Services (Feb 1997)
52.249-6	Termination (Cost-Reimbursement) (Sep 1996)
52.249-14	Excusable Delays (Apr 1984)
52.251-1	Government Supply Sources (Apr 1984)
52.252-6	Authorized Deviations in Clauses (Apr 1984)
52.253-1	Computer Generated Forms (Jan 1991)

NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

CLAUSE NUMBER

TITLE AND DATE

1852.203-70	Display of Inspector General Hotline Posters (Jun 2001)
1852.204-76	Security Requirements for Unclassified Information Technology Resources (July 2000)
1852.215-84	Ombudsman (June 2000) [Insert "Belinda Adams, direct inquires to Sandra S. Ray, NASA Langley Research Center, Mail Stop 134, Hampton, VA 23681-2199; phone (757) 864-2428; facsimile (757) 864-8541; email s.s.ray@larc.nasa.gov" in paragraph (b).]
1852.216-89	Assignment and Release Forms (Jul 1997)
1852.219-74	Use of Rural Area Small Businesses (Sep 1990)
1852.219-75	Small Business Subcontracting Reporting (May 1999)
1852.219-76	NASA 8 Percent Goal (Jul 1997)
1852.219-79	Mentor Requirements and Evaluation (March 1999)
1852.228-75	Minimum Insurance Coverage (Oct 1988)
1852.235-70	Center for Aerospace Information – Final Scientific and Technical Reports (Jul 2000)
1852.237-70	Emergency Evacuation Procedures (Dec 1988)
1852.242-78	Emergency Medical Services and Evacuation (Apr 2001)
1852.243-71	Shared Savings (Mar 1997)

1.2 CLAUSES IN FULL TEXT

The clauses listed below follow in full text:

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.252-2	Clauses Incorporated by Reference (Feb 1998)
52.215-19	Notification of Ownership Change (Oct 1997)
52.223-9	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data – Modifications (Oct 1997)
52.223-10	Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Jan 1999)
52.223-11	Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (Mar 2001)
52.223-9	Estimate of Percentage of Recovered Material Content for EPA-designated Products (Aug 2000)
52.227-23	Rights to Proposal Data (Technical)(June 1987)
52.244-6	Subcontracts for Commercial Items and Commercial Components (Oct 1998)

NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

1852.219-77	NASA Mentor-Protégé Program (May 1999)
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I.3 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (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.amet.gov/far/>

<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

I.4 NOTIFICATION OF OWNERSHIP CHANGES (FAR 52.215-19) (OCT 1997)

(a) The Contractor shall make the following notifications in writing:

(1) When the Contractor becomes aware that a change in its ownership has occurred, or is certain to occur, that could result in changes in the valuation of its capitalized assets in the accounting records, the Contractor shall notify the Administrative Contracting Officer (ACO) within 30 days.

(2) The Contractor shall also notify the ACO within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership.

(b) The Contractor shall--

(1) Maintain current, accurate, and complete inventory records of assets and their costs;

(2) Provide the ACO or designated representative ready access to the records upon request;

(3) Ensure that all individual and grouped assets, their capitalized values, accumulated depreciation or amortization, and remaining useful lives are identified accurately before and after each of the Contractor's ownership changes; and

(4) Retain and continue to maintain depreciation and amortization schedules based on the asset records maintained before each Contractor ownership change.

(c) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR 15.408(k).

I.5 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (FAR 52.215-21) (OCT 1997)

(a) Exceptions from cost or pricing data.

(1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts or subcontracts for commercial items.

(A) If--

(1) The original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item; and

(2) The modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

(1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities.

(2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.

(3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.

(2) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

1.6. NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (FAR 52.219-4) (JAN 1999)

(a) Definition. "HUBZone small business concern," as used in this clause, means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

(b) Evaluation preference. (1) Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except--

(i) Offers from HUBZone small business concerns that have not waived the evaluation preference;

(ii) Otherwise successful offers from small business concerns;

(iii) Otherwise successful offers of eligible products under the Trade Agreements Act when the dollar threshold for application of the Act is exceeded (see 25.402 of the Federal Acquisition Regulation (FAR)); and

(iv) Otherwise successful offers where application of the factor would be inconsistent with a Memorandum of Understanding or other international agreement with a foreign government.

(2) The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.

(3) A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer. These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.

(c) Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The

agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

Offeror elects to waive the evaluation preference.

(d) Agreement. A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for--

(1) Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;

(2) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;

(3) General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns; or

(4) Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.

(e) A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph (d) of this clause will be performed by the HUBZone small business participant or participants.

(f) A HUBZone small business concern nonmanufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

1.7 NOTICE OF PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS (FAR 52.219-23) (MAY 2001)

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

"Small disadvantaged business concern" means an offeror that represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either--

(1) It has received certification by the Small Business Administration as a small disadvantaged business concern consistent with 13 CFR part 124, subpart B; and

(i) No material change in disadvantaged ownership and control has occurred since its certification;

(ii) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(iii) It is identified, on the date of its representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net).

(2) It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR part 124, subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted. In this case, in order to receive the benefit of a price evaluation adjustment, an offeror must receive certification as a small disadvantaged business concern by the Small Business Administration prior to contract award; or

(3) Is a joint venture as defined in 13 CFR 124.1002(f).

"Historically black college or university" means an institution determined by the Secretary of Education to meet the requirements of 34 CFR 608.2. For the Department of Defense (DoD), the National Aeronautics and Space Administration (NASA), and the Coast Guard, the term also includes any nonprofit research institution that was an integral part of such a college or university before November 14, 1986.

"Minority institution" means an institution of higher education meeting the requirements of Section 1046(3) of the Higher Education Act of 1965 (20 U.S.C. 1067k, including a Hispanic-serving institution of higher education, as defined in Section 316(b)(1) of the Act (20 U.S.C. 1101a)).

"United States" means the United States, its territories and possessions, the Commonwealth of Puerto Rico, the U.S. Trust Territory of the Pacific Islands, and the District of Columbia.

(b) Evaluation adjustment. (1) The Contracting Officer will evaluate offers by adding a factor of 10 percent to the price of all offers, except--

(i) Offers from small disadvantaged business concerns that have not waived the adjustment;

(ii) An otherwise successful offer of eligible products under the Trade Agreements Act when the dollar threshold for application of the Act is equaled or exceeded (see section 25.402 of the Federal Acquisition Regulation (FAR));

(iii) An otherwise successful offer where application of the factor would be inconsistent with a Memorandum of Understanding or other international agreement with a foreign government;

(iv) For DoD, NASA, and Coast Guard acquisitions, an otherwise successful offer from a historically black college or university or minority institution; and

(v) For DoD acquisitions, an otherwise successful offer of qualifying country end products (see sections 225.000-70 and 252.225-7001 of the Defense FAR Supplement).

(2) The Contracting Officer will apply the factor to a line item or a group of line items on which award may be made. The Contracting Officer will apply other evaluation factors described in the solicitation before application of the factor. The factor may not be applied if using the adjustment would cause the contract award to be made at a price that exceeds the fair market price by more than the factor in paragraph (b)(1) of this clause.

(c) Waiver of evaluation adjustment. A small disadvantaged business concern may elect to waive the adjustment, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply to offers that waive the adjustment.

_____ Offeror elects to waive the adjustment.

(d) Agreements. (1) A small disadvantaged business concern, that did not waive the adjustment, agrees that in performance of the contract, in the case of a contract for--

(i) Services, except construction, at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern;

(ii) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern;

(iii) General construction, at least 15 percent of the cost of the contract, excluding the cost of materials, will be performed by employees of the concern; or

(iv) Construction by special trade contractors, at least 25 percent of the cost of the contract, excluding the cost of materials, will be performed by employees of the concern.

(2) A small disadvantaged business concern submitting an offer in its own name agrees to furnish in performing this contract only end items manufactured or produced by small disadvantaged business concerns in the United States. This paragraph does not apply in connection with construction or service contracts.

1.8 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (FAR 52.223-9) (AUG 2000)

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

"Postconsumer material" means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of "recovered material."

"Recovered material" means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall--

(1) Estimate the percentage of the total recovered material used in contract performance, including, if applicable, the percentage of postconsumer material content; and

(2) Submit this estimate to: M/S 418 Environmental Management Office.

I-9 RIGHTS TO PROPOSAL DATA (TECHNICAL) (FAR 52.227-23) (JUN 1987)

Except for data contained on pages _____, it is agreed that as a condition of award of this contract, and notwithstanding the conditions of any notice appearing thereon, the Government shall have unlimited rights (as defined in the "Rights in Data - General" clause contained in this contract) in and to the technical data contained in the proposal dated _____, upon which this contract is based.

I.10 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (FAR 52.244-6) (OCT 1998)**(a) Definitions.**

"Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1 Definitions.

"Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c) Notwithstanding any other clause of this contract, the Contractor is not required to include any FAR provision or clause, other than those listed below to the extent they are applicable and as may be required to establish the reasonableness of prices under Part 15, in a subcontract at any tier for commercial items or commercial components:

- (1) 52.222-26, Equal Opportunity (E.O. 11246);
- (2) 52.222-35, Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (38 U.S.C. 4212(a));
- (3) 52.222-36, Affirmative Action for Workers with Disabilities (29 U.S.C. 793); and
- (4) 52.247-64, Preference for Privately Owned U.S.-Flagged Commercial Vessels (46 U.S.C. 1241) (flow down not required for subcontracts awarded beginning May 1, 1996).

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

I.11 NASA MENTOR-PROTÉGÉ PROGRAM (NASA 1852.219-77) (MAY 1999)

(a) Prime contractors, including certain small businesses, are encouraged to participate in the NASA Mentor-Protégé Program for the purpose of providing developmental assistance to eligible protégé entities to enhance their capabilities and increase their participation in NASA contracts.

(b) The Program consists of:

- (1) Mentor firms, which are large prime contractors with at least one active subcontracting plan or eligible small businesses;
- (2) Protégés, which are subcontractors to the prime contractor, include small disadvantaged business concerns, women-owned small business concerns, Historically Black Colleges and Universities, and minority institutions meeting the qualifications specified in NASA FAR Supplement (NFS) 1819.7209.
- (3) Mentor-protégé agreements, approved by the NASA Office of Small and Disadvantaged Business Utilization (OSDBU);
- (4) In contracts with award fee incentives, potential for payment of additional fee for voluntary participation and successful performance in the Mentor-Protégé Program.

(c) Mentor participation in the Program, described in NFS 1819.72, means providing technical, managerial and financial assistance to aid protégés in developing requisite high-tech expertise and business systems to compete for and successfully perform NASA contracts and subcontracts.

(d) Contractors interested in participating in the program are encouraged to contact the NASA OSDBU, Washington, DC 20546, (202) 358-2088, for further information.

PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS**Section J - List of Attachments**

Exhibit A	Installation-Accountable Government Property, May 30, 2001, 45 pages
Exhibit B	List of Government-Furnished Property, June 7, 2001, 23 pages
Exhibit C	Register of Wage Determination and Fringe Benefits, March 28, 2001, 9 pages
Exhibit D	Contract Documentation Requirements, 5 pages
Exhibit E	Procedures for the Preparation and Approval of Contractor Reports for Langley Research Center, Form PROC./P-72, June 1998, 2 pages
Exhibit F	Small Business Subcontracting Plan, _____ 2001, _____ pages
Exhibit G	Safety and Health Plan

The following are located after the last section of this solicitation:

Attachment 1	Safety and Health Plan Instructions, 2 pages
Attachment 2	Past Performance Evaluation Instructions/Questionnaire, 3 pages
Attachment 3	Draft Award Fee Plan, 8 pages
Attachment 4	Representative NOWs
Attachment 5	Workload Indicators
Attachment 6	Workload Parameter Worksheet
Attachment 7	Direct Labor Classification Description
Attachment 8	Cost Forms
Attachment 9	Answers to Vendor Questions/Suggestions & Synopsis of Changes to the Final Request for Proposal
Attachment 10	Presolicitation Conference Charts
Attachment 11	Presolicitation Vendor Attendees Sign-In Sheet

Exhibit A. Installation-Accountable Government Property

1. Atmospheric Science Data Center Mission Critical Systems

Name	Description	Serial Number	Function	CPU ECN	Replacement Price	Operating System
Apprentice	Sun Ultra 2, 4mm tape drive, FDDI card, one SE scsi sbus card, 576MB RAM, one 4.2GB disk, one 4GB disk, two 9GB disks, cdrom. Sun 21" monitor, floppy drive, two 200 MHZ processors		Remedy server for SUDS		\$29,054.00	
Arabian	IBM RS6000, cdrom, floppy drive, IBM 19" monitor, 1 SE scsi sbus card, 1 DIFF scsi sbus card		Read software development for IBM platform		\$20,720.00	
Baggins	SGI 02, 128 MB RAM, 180MHZ R5000 processor, 2 GB disk, 2 SE scsi sbus cards, SGI 21" monitor, cdrom		User Workstation		\$15,500.00	
Bartok	Sun Ultra 2, 1 SE scsi sbus card, Sun 21" monitor, floppy drive, cdrom, 256 MB RAM, three 9GB disks, one 4.2 GB disk, two 296 MHZ processors		APGS Development		\$30,000.00	
Belgian	Sun E-450, 2 power supplies, FDDI card, 4 SE dual port pci cards, 1 DIFF dual port pci card, Gigabit Ethernet card, 1 SE scsi sbus card, two 4mm tape drives, three 8mm tape drives, DLT 7000 tape drive, Sun 21" monitor, 512 MB RAM, two 9 GB disks, one 2.1 GB disk, 250 MHZ processor, D1000 raid 8X36 GB, floppy drive, cdrom		Operations/Order Filling		\$46,235.00	
Bombay	SGI 02, 128 MB RAM, 180 MHZ R5000 processor, 2 SE scsi sbus cards, 2 GB disk, 21" SGI monitor, cdrom		User Workstation		\$15,500.00	
Blackstone	Sun E-450, Sun 21" monitor, floppy drive, cdrom, 2 SE dual port pci cards, 3 DIFF dual port pci cards, Gigabit Ethernet card, 2 power supplies, two 8 bay expansion backplanes, two 400 MHZ processors, two 18 GB disks, 9 GB disk, 1536 MB RAM		Future Netbackup Server		\$36,967.00	
Charm	SGI Origin 2000, 1024 MB RAM, 2 fibre channel cards, Gigabit Ethernet card, four 195 MHZ processors, three 9 GB disks, 72 GB total EMC space, 1 SE sbus scsi card, FDDI shoebox, two 4 port XIO cards		Anonymous FTP Server, Production Database		\$400,000.00	
Clydesdale	Sun E-450, DLT 7000 drive, Young Minds CD writer, two 4mm tape drives, one 8mm drive, three D1000 Sun software raids 24X36 GB and 10X18 GB disk space, Emulex fibre channel card, FDDI card, 3 SE dual port pci cards, 3 DIFF dual port pci cards, Gigabit Ethernet card, 2 power supplies, 1 SE scsi sbus card, Sun 21" monitor, 9GB disk, two 296 MHZ processors, 32X9GB EMC disk space		SRB Processing		\$39,207.00	

Exhibit A. Installation-Accountable Government Property

1. Atmospheric Science Data Center Mission Critical Systems

Darrin	SGI Origin 2000, eight 195MHZ processors, 2 NIO 4 port cards, FDDI shoebox, Gigabit Ethernet card, five 9GB disks, three 18 GB disks, two 1GB disks, 26 GB external disk space		Development Server for AMASS CERES Processing		\$39,207.00
Druid	SGI 02, 128 MB Ram, 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, 21" SGI monitor, cdrom, 9 GB disk		NIS Master Server		\$16,000.00
Dutchcraft	Sun E-450, 4 SE dual port pci cards, 1 SE scsi sbus card, Sun 21" monitor, 2 power supplies, 2 Gigabit Ethernet cards, cdrom, floppy drive, 512 MB RAM, two 8 bay expansion backplanes, four 296 MHZ processors, two 4.2 GB disks, 18 GB disk, three 9 GB disks		SUDS Development		\$46,488.00
Enchant	DEC AlphaStation 255/233, 21" monitor, two 1 GB disks, 1.5 GB disk, DEC2100_A50 processor, 64 MB RAM, cdrom, floppy drive		Server for Digital Unix Platform		\$21,000.00
EOSDPS	Sun Sparc 20, 21" Sun monitor, cdrom, 75 MHZ processor, 192 MB RAM, 9 GB disk, two 1.5 GB disks, 1 DIFF sbus scsi card, 1 SE sbus scsi card		User Workstation		\$12,500.00
EOSQMS	QMS 2425		Printer		\$5,766.00
Esmereйда	Sun Sparc 5, 21" Sun monitor, 1.3 GB disk, 2.1GB disk, 9 GB disk, 96 MB RAM, 8mm tape drive, 1 SE scsi sbus card, 2 DIFF scsi sbus cards, 170 MHZ processor, floppy drive		Informix Workstation		\$7,539.00
Gandalf	SGI 02, 128 MB RAM, 180 MHZ R5000 processor, 2 SE scsi sbus cards, 2 GB disk, 18 GB disk, 21" SGI monitor, cdrom		Clearcase Workstation		\$16,600.00
Genie	Sun E-450, 21" monitor, cdrom, floppy drive, 2 GB RAM, two 400 MHZ processors, 3 SE dual port pci cards, 2 DIFF dual port pci cards, 2 Gigabit Ethernet cards, two 8 bay expansion backplanes, Raptor GFX graphics card, three 18 GB disks, 9 GB disks		Operations/Order Filling		\$48,000.00
Glinda	SGI 02, 128 MB RAM, 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, 21" SGI monitor, cdrom		User Workstation		\$15,500.00
Houdini1	Sun Ultra 1, Sun 21" Monitor, FDDI card, 1 DIFF scsi sbus card, StorageTek 9710 tape library, external sun cdrom, 9 GB disk, 2.1 GB disk, 256 MB RAM, 1 SE scsi sbus card		Present Netbackup Server		\$124,712.00
Illusion	SGI 02, 128 MB RAM, 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, SGI 21" monitor, cdrom		2000 IRIS console Server NIS Slave server		\$15,500.00

Exhibit A. Installation-Accountable Government Property

1. Atmospheric Science Data Center Mission Critical Systems

Immortal	SGI 02, 128 MB RAM, 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, cdrom, SGI 21" monitor		User Workstation		\$15,500.00	
Mystic	SGI 02, 128 MB RAM, 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, SGI 21" monitor, cdrom.		User Workstation		\$15,500.00	
Palomino	Sun E-450, six 18GB disks, Gigabit Ethernet card, Sun 19" monitor, cdrom, floppy drive, 3 power supplies, two 8 bay expansion backplane, two 400 MHZ processors, 2 GB RAM, PGX 32 graphics card, 2 SE dual port pci cards		Future EDG, S'COOL and Surface Ozone Web Server		\$40,500.00	
Percheron	Sun E-450, Sun 21" monitor, 2 power supplies, two 4mm tape drives, two 8mm tape drives, D1000 Sun software raid, Emulex fibre channel card, Gigabit Ethernet card, 2 DIFF dual port pci cards, 3 SE dual port pci cards, 1 SE scsi sbus card, Exabyte 210 tape library, 512 MB RAM, 248MHZ processor, floppy drive, cdrom, three 9 GB disks, two 18 GB disks, 36 GB D1000 raid		Operations/Order Filling		\$47,992.00	
PGS	Sun Spare 20, ^{space} external Sun cdrom drive, 25.44 GB disk space from the Cybernetics raid, wyse terminal, Sun 21" monitor, 2 SE scsi sbus cards, 1 DIFF scsi sbus card, FDDI card, 160 MB RAM, floppy drive, 75 MHZ processor, 1.05 GB disk, two 9 GB disks		ERBE Data Processing Server		\$19,300.00	
Ribsun	Sun IPX, 2.01 GB disk, 8.5 GB disk, 32 MB RAM, 1 SE scsi sbus card		User Workstation		\$1,080.00	
Rune	SGI 02, 128 MB RAM, 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, cdrom, SGI 21" monitor		User Workstation		\$15,500.00	
Sabrina	Sun Spare 5, 4mm tape drive, 1 SE scsi sbus card, 110 MHZ processor, 19" monitor, 1.5 GB disk, 2.1 GB disk, 64 MB RAM, connected to StorageTek 9310 with 6 redwood SD3 drives		Archive/AMASS Server		\$5,900.00	
Salem	Sun E-250, 2 power supplies, cdrom, Sun 19" monitor, two 18 GB disks, two 400 MHZ processors, 1024 MB RAM, 1 SE scsi sbus card		Operation Home Workstation		\$35,000.00	
Samantha	SGI Origin 2000, 64 processors 300 MHZ, 13 XIO 4 port boards, 4 dual fibre channel cards, 2 Gigabit Ethernet cards, 8 SE scsi sbus cards, 2 FDDI shoeboxes, cdrom, six 9 GB disks, 2.5 TB EMC disk _{space total}		CERES, TERRA and Aqua data processing server		\$1,200,000.00	

Exhibit A. Installation-Accountable Government Property

1. Atmospheric Science Data Center Mission Critical Systems

Shetland	Sun Ultra 2, Sun 21" Monitor, floppy, cdrom, 2 DIFF scsi sbus cards, 2 Emulex fibre channel cards, 1024 MB RAM, two 200 MHZ processors, two 2.1 GB disks, 4.2 GB disk, three 9GB disks, 83X9 GB EMC disk space				\$30,200.00	
Shire	Sun E-450, Sun 21" monitor, 3 power supplies, two 8 bay expansion backplanes, FDDI card, Gigabit Ethernet card, Emulex fibre channel card, 3 SE dual port pci cards, 1 DIFF dual port pci card, 1 SE scsi sbus card, floppy drive, cdrom, two 4.2 GB disks, ten 18 GB disks, two 296 MHZ processors, 1024 MB RAM		Main ASDC Web Server		\$41,429.00	
SMG	Sun E-450, Sun 21" Monitor, floppy drive, cdrom, 2 power supplies, FDDI card, 1 SE scsi sbus card, 1 SE dual port pci card, four 9 GB disks, two 296 MHZ processors, 512 MB RAM		System Maintenance, Group Workstation, mail server		\$34,198.00	
Sorcerer	Sun E-450, Sun 21" monitor, two 4.2 GB disks, three 9 GB disks, 31X9 GB EMC disk space, four 296 MHZ processors, 1024 MB RAM, 2 SE dual port pci cards, 1 DIFF dual port pci card, floppy drive, cdrom, 2 power supplies, Emulex fibre channel card, FDDI card, Gigabit Ethernet card		User Development workstation		\$45,320.00	
Spell	HP C3600, 512 MB RAM, 32X cdrom, 1 SE scsi pci card, 2 DIFF scsi pci card, HP 21" monitor, 9GB disk, two 18 GB disks		SUDS read software for the HP, UX software		\$26,652.00	
Tabitha	SGI Origin 2000, 16 processors at 195 MHZ each, 2 SE scsi sbus cards, cdrom, 7 XIO 4 port boards, 2 fibre channel cards, Gigabit Ethernet card, FDDI shoebox, 4096 MB RAM, five 9 GB disks, two 2.4 GB disks, connected to Cippico Raid		Data archive server		\$720,000.00	
Taltos	SGI 02, 128 MB Ram 180 MHZ R5000 cpu, 2 SE scsi sbus cards, 2 GB disk, cdrom, SGI 21" monitor		User Workstation		\$15,500.00	
Trance	SGI Origin 2000, 4 processors at 195 MHZ, FDDI shoebox, 2 fibre channel cards, Gigabit Ethernet card, 1 XIO 4 port board, 1 SE scsi sbus card, cdrom, 1024 MB RAM, 319 GB EMC disk space, three 9GB disks		Server QA data		\$398,000.00	
Welsh	Sun Ultra 1, Sun 21" monitor, floppy, cdrom, 1 SE scsi sbus card, 1 DIFF scsi sbus card, 1024 MB RAM, 167 MHZ processor, 2.1 GB disk, three 9 GB disks		EDG web server		\$18,000.00	

Exhibit A. Installation-Accountable Government Property

1. Atmospheric Science Data Center Mission Critical Systems

Wizard	Sun Sparc 20, Sun 21" monitor, 128 MB RAM, external Sun cdrom, 2 SE sbus scsi cards, 60 MHZ processor, 1.05 GB disk, two 4 GB disks		Administration training/testing system		\$10,300.00	
EMC Raid #1			disk space		\$1,250,001.50	
EMC Raid #2			disk space		\$1,080,000.00	
Sun Sparc Array #1	382 GB total		disk space		\$116,055.00	
Sun Sparc Array #2	382 GB total		disk space		\$116,055.00	
Tarot				1879479	Unknown	LINUX
10dus01	SW, 4 CPU, 1GB RAM	ULTRA 450	ECS	1881955	Unknown	
	RAID - 280GB	D1000	ECS	1885944	Unknown	
	RAID - 280GB	D1000	ECS	1883211	Unknown	
	RAID - 280GB	D1000	ECS	1883037	Unknown	
10dus02	WS, 2 CPU, 1GB RAM	ULTRA 450	ECS	2008615	Unknown	
	RAID - 280GB	D1000	ECS	1885945	Unknown	
MISRQA	Server, 4 CPU, 1GB Ram,	E5500	ECS	1881932	Unknown	
	RAID - 280GB	A5000	ECS	Child	Unknown	
	RAID - 500GB	A5100	ECS	Child	Unknown	
	RAID - 500GB	A5100	ECS	Child	Unknown	
	Library - DLT	230D	ECS	1881934	Unknown	
CODIS	Server, 4 CPU, 1GB Ram,	E3500	ECS		Unknown	
	RAID - 500GB	A5100	ECS		Unknown	

**Exhibit A. Installation-Accountable Government Property
2. Atmospheric Science Data Center Non Mission Critical Systems**

Description	Manufacturer	Serial Number	Function	CPU ECN	Replacement Price	Operating System	Purchase Date
PC001	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	4JQS901	User Workstation	2010044	\$2,250.00	PRO 2000	1/15/01
PC002	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	2GQS901	User Workstation	2010045	\$2,250.00	PRO 2000	1/15/01
PC003	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	DKQS901	User Workstation	2010046	\$2,250.00	PRO 2000	1/15/01
PC004	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	5JQS901	User Workstation	2010047	\$2,250.00	PRO 2000	1/15/01
PC005	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	JFQS901	User Workstation	2010048	\$2,250.00	PRO 2000	1/15/01
PC006	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	8DQS901	User Workstation	2010049	\$2,250.00	PRO 2000	1/15/01
PC007	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	3GQS901	User Workstation	2010050	\$2,250.00	PRO 2000	1/15/01
PC008	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	6DQS901	User Workstation	2010051	\$2,250.00	PRO 2000	1/15/01
PC009	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	3FQS901	User Workstation	2010052	\$2,250.00	PRO 2000	1/15/01
PC010	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	7FQS901	User Workstation	2010053	\$2,250.00	PRO 2000	1/15/01
PC011	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	1FQS901	User Workstation	2010054	\$2,250.00	PRO 2000	1/15/01
PC012	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	JDQS901	User Workstation	2010055	\$2,250.00	PRO 2000	1/15/01
PC013	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	HGQS901	User Workstation	2010056	\$2,250.00	PRO 2000	1/15/01
PC014	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	2JQS901	User Workstation	2010057	\$2,250.00	PRO 2000	1/15/01
PC015	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	9HQS901	User Workstation	2010058	\$2,250.00	PRO 2000	1/15/01
PC016	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	CHQS901	User Workstation	2010059	\$2,250.00	PRO 2000	1/15/01
PC017	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	4DQS901	User Workstation	2010060	\$2,250.00	PRO 2000	1/15/01
PC018	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	BHQS901	User Workstation	2010061	\$2,250.00	PRO 2000	1/15/01
PC019	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	CGQS901	User Workstation	2010062	\$2,250.00	PRO 2000	1/15/01
PC020	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	DGQS901	User Workstation	2010063	\$2,250.00	PRO 2000	1/15/01
PC021	Dell PC Workstations 864 MHZ, CDR Drives, 21" Monitors	6GQS901	User Workstation	2010064	\$2,250.00	PRO 2000	1/15/01

**Exhibit A. Installation-Accountable Government Property
2. Atmospheric Science Data Center Non Mission Critical Systems**

PC022	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	JHQS901	User Workstation	2010065	\$2,250.00	PRO 2000	1/15/01
PC023	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	4HQS901	User Workstation	2010066	\$2,250.00	PRO 2000	1/15/01
PC024	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	FGQS901	User Workstation	2010067	\$2,250.00	PRO 2000	1/15/01
PC025	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	FDQS901	User Workstation	2010068	\$2,250.00	PRO 2000	1/15/01
PC026	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	HDQS901	User Workstation	2010069	\$2,250.00	PRO 2000	1/15/01
PC027	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	9GQS901	User Workstation	2010070	\$2,250.00	PRO 2000	1/15/01
PC028	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	GGQS901	User Workstation	2010071	\$2,250.00	PRO 2000	1/15/01
PC029	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	5DQS901	User Workstation	2010072	\$2,250.00	PRO 2000	1/15/01
PC030	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	2FQS901	User Workstation	2010073	\$2,250.00	PRO 2000	1/15/01
PC031	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	5GQS901	User Workstation	2010074	\$2,250.00	PRO 2000	1/15/01
PC032	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	3JQS901	User Workstation	2010075	\$2,250.00	PRO 2000	1/15/01
PC033	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	8GQS901	User Workstation	2010076	\$2,250.00	PRO 2000	1/15/01
PC034	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	7GQS901	User Workstation	2010077	\$2,250.00	PRO 2000	1/15/01
PC035	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	5FQS901	User Workstation	2010078	\$2,250.00	PRO 2000	1/15/01
PC036	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	GFQS901	User Workstation	2010079	\$2,250.00	PRO 2000	1/15/01
PC037	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	CFQS901	User Workstation	2010080	\$2,250.00	PRO 2000	1/15/01
PC038	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	DFQS901	User Workstation	2010081	\$2,250.00	PRO 2000	1/15/01
PC039	Dell PC Workstations 864 MHz, CDR Drives, 21" Monitors	BGQS901	User Workstation	2010082	\$2,250.00	PRO 2000	1/15/01
Supernova	Dell 266 mhz 128 meg memory	GDYWB	User Workstation	1879483	Unknown	LINUX	9/30/98
Amulet	Gateway 300mhz, 225 megs memory	9257649	User Workstation	1875782	Unknown	PRO 2000	3/3/98
Sorceress	Gateway 400mhz 450 meg memory	9992757	User Workstation	1877445	Unknown	NT 4.0	6/9/98
Matthias	Gateway 400mhz 128 meg memory	9992764	User Workstation	1877454	Unknown	NT 4.0	6/9/98
Sea-otter	Gateway 300mhz 96 meg memory	9257650	User Workstation	1875783	Unknown	NT 4.0	3/3/98

Exhibit A. Installation-Accountable Government Property
2. Atmospheric Science Data Center Non Mission Critical Systems

Dragon1	Dell 550 mhz 128 meg memory	6E618	User Workstation	1883206	Unknown	NT 4.0	10/8/99
Kirov	Gateway 300mhz 96 meg memory	9242822	User Workstation	1876417	Unknown	NT 4.0	2/24/98
Hebridean	Dell 400mhz 128 meg memory	GDYWL	User Workstation	1879487	Unknown	NT 4.0	9/30/98
MISR	Dell 500 mhz 128 meg memory	150LP	User Workstation	1881936	Unknown	LINUX	7/7/00
Wand	Gateway 300 mhz 224 meg memory	9257648	User Workstation	1875781	Unknown	NT 4.0	3/3/98
Xenon	gateway 400 mhz 128 meg memory	9992761	User Workstation	1877455	Unknown	NT 4.0	6/9/98
AJTPC	Gateway 400 mhz 128 meg memory	9992762	User Workstation	1877444	Unknown	NT 4.0	6/9/98
Candle	Gateway 300 mhz 96 meg memory	9257653	User Workstation	1875786	Unknown	NT 4.0	3/3/98
Nebulae	Gateway 300 mhz 96 meg memory	9257651	User Workstation	1875784	Unknown	LINUX	3/3/98
Gypsy	Dell 400 mhz 128 meg memory	GDYNP	User Workstation	1879484	Unknown	NT 4.0	9/30/98
Quickening	Gateway 400 mhz 128 meg memory	9992754	User Workstation	1877460	Unknown	NT 4.0	6/9/98
Salem	Dell 500 mhz 128 meg memory	1bzyg	User Workstation	1881959	Unknown	NT 4.0	7/8/99
Mojo	Gateway 600 mhz 128 meg memory	9992765	User Workstation	1877451	Unknown	NT 4.0	6/9/98
TenBears	Gateway 400 mhz 128 meg memory	9992763	User Workstation	1877449	Unknown	LINUX	6/9/98
Broom	Gateway 300 mhz 128 meg memory	9257652	User Workstation	1875785	Unknown	PRO 2000	3/3/98
Pyramid	Dell 500 mhz 128 meg memory	1BZYK	User Workstation	1881957	Unknown	NT 4.0	7/8/99
Rafiki	Dell 400 mhz 128 meg memory	GDYWM	User Workstation	1879482	Unknown	NT 4.0	9/30/98
Beaker	Dell 500 mhz 128 meg memory	6E61C	User Workstation	1883209	Unknown	NT 4.0	10/8/99
EXTROPLA(Shaman)	Dell 266 mhz 128 meg memory	BB244	User Workstation	1874486	Unknown	LINUX	9/16/97
Fatman	Dell 400 mhz 128 meg memory	GDYW3	User Workstation	1879480	Unknown	NT 4.0	9/30/98
Omen	Dell 400 mhz 128 meg memory	GDYW2	User Workstation	1879481	Unknown	NT 4.0	9/30/98
greenghost	PC 266mHZ, 64mb, 6GB Disk	Dimension XPS H266	ECS	1874487	Unknown	Windows	9/16/97
beaker	PC - 500MHz, 128MB, 8GB Disk	OptiPlex GX1P	ECS	1883209	Unknown	Windows	10/8/99
supernova	PC - 400MHz, 8GB Disk	Dimension XPS R400	ECS	1879483	Unknown	Windows	9/30/98
extropia	PC 266mHZ, 64mb, 6GB Disk	Dimension XPS H266	ECS	1874486	Unknown	Windows	9/16/97
Chant	Laptop - D266XT, 80MB RAM, 2GB	Inspiron 3200	ECS -	1877424	Unknown	Windows	5/29/98
Puff	Laptop - D266XT, 80MB RAM, 2GB	Inspiron 3200	ECS -	1877427	Unknown	Windows	5/29/98
Phantom	Laptop - D266XT, 80MB RAM, 2GB	Inspiron 3200	ECS -	1877425	Unknown	Windows	5/29/98
Mage	Laptop - D266XT, 80MB RAM, 2GB	Inspiron 3200	ECS -	1877425	Unknown	Windows	5/29/98
Modor	Laptop - D266XT, 80MB RAM, 2GB	Inspiron 3200	ECS -	1877428	Unknown	Windows	5/29/98
Satyr	Laptop - D266XT, 80MB RAM, 2GB	Inspiron 3200	ECS -	1877423	Unknown	Windows	5/29/98
Snoopy	Laptop - 650Mhz 192 RAM, 10GB	Inspiron 5000	ECS	2008258	Unknown	Windows	5/29/98

Exhibit A. Installation-Accountable Government Property
 2. Atmospheric Science Data Center Non Mission Critical Systems

Snoopy	Laptop - 500Mhz, 192 RAM	Inspiron 5000	ECS	2008258	Unknown	Windows	5/29/98
Prophet	Gateway 400 mhz 128 meg memory	9992755	User Workstation	1877446	Unknown	NT 4.0	6/9/98
Deadwood	QMS 2425	Q0224500	Printer	1879494	\$5,766.00	Printer	9/30/98
Kudzu	QMS 2060	Q0139864	Printer	1879442	\$6,000.00	Printer	9/29/98
Larch	QMS 2060	Q0139683	Printer	1879443	\$6,000.00	Printer	9/29/98
Oak	HP Color laserjet 4500N	J9HCF07405	Printer	1885248	\$7,370.00	Printer	5/10/00
Persimmon	HP Deskjet 1600CM	USB8801725	Printer	1879293	\$5,140.00	Printer	9/30/98
Redwood	QMS 1725	Q0074034	Printer	1255251	\$2,000.00	Printer	6/28/93
	PC 400Mhz, 128M RAM, 4MB Disk	GP6-400	ECS	1877444	Unknown	Windows	6/9/98
	Printer - TI Micro Writer	Micro Writer	ECS	1424616	Unknown	Printer	Unknown
	PC	GP6-300	ECS	1875784	Unknown	Windows	3/3/98
	PC 400Mhz, 128M RAM, 6GB Disk	GP6-400	ECS	1877448	Unknown	Windows	6/9/98
	PC - 300Mhz, 96MB, *GB Disk	E-3100	ECS	1876417	Unknown	Windows	2/24/98
	PC 500Mhz, 128M RAM, 8GB Disk	OptiPlex GX1P	ECS	1881936	Unknown	Windows	7/7/00
	PC 500Mhz, 128M RAM, 8GB Disk	OptiPlex GX1P	ECS	1881957	Unknown	Windows	7/8/99
	Printer - Laser Writer 16/1600 PS	16/1600 PS	ECS	1432157	Unknown	Windows	8/29/96
	PC - 400Mhz, 128M RAM, 10GB Disk	GP6-400	ECS	1877455	Unknown	Windows	6/9/98
	PC - 400Mhz, 128M RAM, 10GB Disk	GP6-400	ECS	1877450	Unknown	Windows	6/9/98
	Printer	4000N	ECS	1880066	Unknown	Windows	12/18/98
	PC - Dual 266Mhz, 256mM RAM, 2x8GB Disk	PowerEdge 2000	ECS	1874718	Unknown	Windows	9/26/97
	PC 400Mhz, 128M RAM, 6GB Disk	GP6-400	ECS	1877449	Unknown	Windows	6/9/98
	PC - 500M, 128Ram, 9 GB Disk	OptiPlex GX1P	ECS	1881937	Unknown	Windows	7/7/99
	PC - 550Mhz, 128 RAM, 12 GB Disk	OptiPlex GX1P	ECS	1883206	Unknown	Windows	10/8/99
	PC - 550Mhz, 128 RAM, 6 GB Disk	OptiPlex GX1P	ECS	1881959	Unknown	Windows	7/8/99
	PC		ECS	1879485	Unknown	Windows	9/30/98
	APPLE COMPUTER INC	CA8041J12	Printer	0055018	\$3,400.00	Printer	19880418
	NEW GENERATION SYSTEM INC	SVD01002	Printer	1090571	\$2,455.00	Printer	19920124
	HEWLETT-PACKARD CO	JPTF002637	Printer	1255656	\$1,486.00	Printer	19930526
	TEXAS INSTRUMENTS INC CONTROL	08376415596	Printer	1260047	\$1,469.00	Printer	19940331
	TEXAS INSTRUMENTS INC CONTROL	09376403168	Printer	1260048	\$1,469.00	Printer	19940331
	HEWLETT-PACKARD CO	US42J150X2	Printer	1261639	\$579.00	Printer	19940527
	TEXAS INSTRUMENTS INC CONTROL	4039730365	Printer	1262805	\$1,008.00	Printer	19940809
	APPLE COMPUTER INC	BG43608X	Printer	1422601	\$1,649.00	Printer	19941019

**Exhibit A. Installation-Accountable Government Procurement
2. Atmospheric Science Data Center Non Mission Critical Systems**

	APPLE COMPUTER INC	BG4391KP1A8	Printer	1428249	\$1,057.00	Printer	19960215
	APPLE COMPUTER INC	NV55015U39M	Printer	1430236	\$2,230.00	Printer	19960319
	APPLE COMPUTER INC	NV61809F39M	Printer	1430306	\$2,129.00	Printer	19960705
	APPLE COMPUTER INC	NV61809B39M	Printer	1430313	\$2,129.00	Printer	19960705
	QMS INC	Q0168658	Printer	1431797	\$5,655.76	Printer	19960924
	APPLE COMPUTER INC	NV63104939M	Printer	1432156	\$2,232.00	Printer	19960829
	APPLE COMPUTER INC	NV6300CB39M	Printer	1432157	\$2,232.00	Printer	19960829
	HEWLETT-PACKARD CO	USHB030547	Printer	1739327	\$1,503.00	Printer	19961001
	APPLE COMPUTER INC	NV53510D39M	Printer	1740470	\$2,027.00	Printer	19961219
	APPLE COMPUTER INC	CB603D9W901	Printer	1741080	\$5,166.00	Printer	19970116
	TEXAS INSTRUMENTS INC CONTROL	1839720392	Printer	1741798	\$1,708.00	Printer	19921103
	APPLE COMPUTER INC	BG62606K5AJ	Printer	1873447	\$1,474.00	Printer	19970619
	APPLE COMPUTER INC	BG62606G5AJ	Printer	1873448	\$1,474.00	Printer	19970619
	EPSON AMERICA INC	AEY0-030158	Printer	1878895	\$2,000.00	Printer	19980828
	HEWLETT-PACKARD CO	USB880717	Printer	1879292	\$1,930.00	Printer	19980930
	HEWLETT-PACKARD CO	USMB264970	Printer	1879393	\$1,474.00	Printer	19980924
	HEWLETT-PACKARD CO	USMB265124	Printer	1879396	\$1,474.00	Printer	19980924
	HEWLETT-PACKARD CO	USMB264878	Printer	1879397	\$1,474.00	Printer	19980924
	HEWLETT-PACKARD CO	USMB264976	Printer	1879398	\$1,474.00	Printer	19980924
	HEWLETT-PACKARD CO	USMC117339	Printer	1880066	\$1,476.00	Printer	19981218
	HEWLETT-PACKARD CO	USBC054044	Printer	1881582	\$700.00	Printer	19990615
	RIMAGE CORP	U014025	Printer	1875080	\$8,000.00	Printer	19971021

Non-mission critical equipment supplied by ODIN until end of existing contract.
Successful offeror must replace systems or establish agreement with ODIN.

Number of ODIN Seats	ODIN Configuration	ODIN Classification
21	866 MHz, 15GB drive, 48x CDROM, 19" monitor, software, network printing, backups	SE1 - High Level Desktop
14	800 MHz, 128 MB memory, 10GB drive, 14.1" monitor, 24x CDROM, software, network printing, backups	GP3 - High Level Laptop

Exhibit A. Installation-Accountable Government Property

3. Atmospheric Science Data Center Mission Critical Software

Description	Producer	Number of Licenses	Refresh Method (Maintenance Or Upgrade)
Aperture Professional 6.2.32.14	Aperture	2	Upgrade
Aperture Professional 6.2.32.14 (read only)	Aperture	2	Upgrade
Aperture SmartPicture Server V 3.0	Aperture	1	Upgrade
Aperture DocuNet	Aperture	1	Upgrade
SSH Secure Shell WS	SSH	141	Upgrade
SSH Secure Shell WS Server	SSH	25	Upgrade
Frame Maker 5.5	Frame Maker	5	Upgrade
CODINE/GRD	Sun	72	Upgrade
e Reader. Windows V 2.01	E-Reader	2	No
Sybase Adaptive Server Enterprise 12.0		8	Upgrade
DLT Barcode Plus 3.5		1	Upgrade
VERITAS VOLUME MGR. f/SUN SOLARIS	Veritas	4	Upgrade
Platinum Erwin 3.5.2	Erwin		Upgrade
Informix Server	Informix	15	Maintenance
Informix Client Software Developer Kit	Informix	15	Maintenance
Informix Geodetic Datablade	Informix	15	Maintenance
Informix Web Datablade	Informix	15	Maintenance
Remedy	Remedy	1	Maintenance
IDL	Research Systems	10	Maintenance
ENVI	Research Systems	1	Maintenance
ION	Research Systems	4	Maintenance
NuGraf Rendering System w/ADDONS	Nugraf	1	No
Diskeeper 5.0 f/Windows 95/98/NT	Diskeeper	1	No

Exhibit A. Installation-Accountable Government Property
4. Atmospheric Science Data Center Non Mission Critical Software

Description	Producer	Number of Licenses	License Number	Refresh Method (Maintenance Or Upgrade)
WebEvent 3.4.1	Web-Event	100	Licensed for server: www.larcmo.ecs.nasa.gov License key: m9uu-a@:zwzs-sust-qsr-aqmm-mqg5-47h1-q97i-q05i-5qb1-l@:zwzs-sust-@m9-6030	Upgrade
Microsoft Office 2000	Microsoft	20		Upgrade
Microsoft Windows 2000 Server	Microsoft	20	Product Key: RX2BY-8TTDC-J6V8Y-MFDHG-MJBK6	Upgrade
Microsoft Windows 2000 Advanced Server	Microsoft	1	Product Key: HXQ6J-DDX4Q-Q89CR-MGVVW-MQ8WG	Upgrade
Project 2000 Upgrade	Microsoft	9	Product Key: V7PXJ-97W2H-D7D6V-QY82M-PMXJF	Upgrade
Project 2000 (complete)	Microsoft	2	Product Key: CF6X4-D9KC2-CR799-92BPV-V686T	Upgrade

Exhibit A. Installation-Accountable Government Property

5. Science Support Equipment Mission Critical

decal	cust_de	item_desc	manufacturer	model_no	serial_no	it_price
G145637	NA	RCR COLUMNATOR	ANALYTICAL SPECTRUM	11972	NONE	\$790.00
G157021	NA	yagi antenna	AS COMM PRODUCTS	ASP962	990401024	\$209.00
G117977	2008990	spectroradiometer	CAMPBELL	ASD	FS3502500P	\$51,877.00
G119901	NA	WIND MONITOR	CAMPBELL	OS103	42635	\$825.00
G149875	NA	comm conv interface	CAMPBELL SCIENTIFIC	SC632	10876	\$199.60
G149876	NA	comm conv interface	CAMPBELL SCIENTIFIC	SC632	10877	\$199.60
G122682	1741252	DATALOGGER	CAMPBELL SCIENTIFIC	21X	13098	\$1,989.10
G122681	38669	MODEM	CAMPBELL SCIENTIFIC	DC112	9974	\$252.20
G149873	NA	multidrop interface	CAMPBELL SCIENTIFIC	MD9	3420	\$365.75
G149874	NA	multidrop interface	CAMPBELL SCIENTIFIC	MD9	3422	\$365.75
G149951	NA	OPTICAL TABLE	COHERENT	NONE	NONE	\$7,550.00
G149950	NA	POWER SUPPLY/WATER COOLER	COHERENT	INFINITY	93513	\$9,000.00
G145606	58150	RADIOMETER	EPPLEY	PIR	27174F3	\$2,265.00
G157091	258713	RADIOMETER	EPPLEY	PIR	26181F3	\$2,150.00
G157092	258122	RADIOMETER	EPPLEY	PIR	26169F3	\$2,150.00
G157093	1742813	RADIOMETER	EPPLEY	PIR	31605F3	\$2,865.00
G158270	219788	RADIOMETER	EPPLEY	PIR	26036F3	\$2,265.00
G158271	258121	RADIOMETER	EPPLEY	PIR	26168F3	\$2,150.00
G158882	648781	RADIOMETER	EPPLEY	PIR	24323F3	\$1,850.00
G158883	1742814	RADIOMETER	EPPLEY	PIR	31606F3	\$2,865.00
G158901	1874466	RADIOMETER	EPPLEY	NONE	31105	\$10,240.00
G122923	281721	multimeter	FLUKE	77 MULTIMETER	38412460	\$129.00
G119899	1812215	SCOPEMETER	FLUKE	123	DM6969136	\$1,050.00
G161010	1811666	GPS	GARMAN	GPS III	40102598	\$370.00
G145588	NA	PERSONAL NAVIGATOR W/ANTENNA	GARMIN	GPS12XL	35545088	\$497.32
G157845	NA	photovoltaic control unit	HUTTON	JW1008HPL	NONE	\$535.00
G149945	NA	LASER	INFINITY	INFINITY	93513	\$111,000.00
G149944	NA	OPTICAL POWER OSCILLATOR	LAMBDA PHYSIK	SCANMATE OPPO	9608F2020	\$69,105.00
G119911	NA	EXTERNAL DEFIBILATOR	LIFEPAK	LIFEPAK 500	12772150	\$3,395.00
G157025	NA	DC-DC CONVERTOR	MELCHER	19729/25	6	\$274.84
G122664	NA	Cellular connection for PC	MOTOROLA	S1936D	NONE	\$158.14
G122858	1873477	CELLULAR MODEM	MOTOROLA	19370XNMSB	3276XG7745B	\$785.00
G158283	NA	1000W LAMP HOUSING	ORIEL	66187	251	\$2,044.00
G158287	NA	CALIBRATION LAMP	ORIEL	6035	NONE	\$197.00
G158288	NA	CALIBRATION LAMP	ORIEL	6033	NONE	\$295.00
G158284	NA	FIBER OPTIC ASSEMBLY	ORIEL	77800	NONE	\$367.00
G158294	NA	FILTER WHEEL	ORIEL	NONE	NONE	\$998.00
G158290	NA	FOCUSING TUBE	ORIEL	77259	NONE	\$564.00
G158295	NA	HAND CONTROLLER	ORIEL	74009	94615757	\$497.00

Exhibit A. Installation-Accountable Government Property

5. Science Support Equipment Mission Critical

G158293	NA	HOUSING LAMP	ORIEL	66182	313	\$1,197.00
G158281	NA	HOUSING W/IGNITOR	ORIEL	66028	356	\$2,226.00
G158279	NA	LAMP FIXTURE	ORIEL	6372	NONE	\$221.00
G158289	NA	MONOCHROMATOR SPHERE	ORIEL	70482	NONE	\$989.00
G158291	NA	PHOTOFEEDBACK SYSTEM	ORIEL	68850	1132	\$1,993.00
G158280	NA	POWER SUPPLY	ORIEL	68811	659	\$2,661.00
G158285	NA	POWER SUPPLY	ORIEL	6047	NONE	\$196.00
G158286	NA	POWER SUPPLY	ORIEL	6043	NONE	\$196.00
G158282	NA	RADIOMETRIC POWER SUPPLY	ORIEL	68835	184	\$3,172.00
G158292	NA	RADIOMETRIC POWER SUPPLY	ORIEL	68831	723	\$2,526.00
G157816	NA	pan and tilt unit	SAGEBRUSH TECH	20	174	\$5,175.00
G158354	NA	pan/tilt gimbal	SAGEBRUSH TECH	20	172	\$6,490.00
G157094	NA	sunphotometer	SCHULZX	SP1A09	NONE	\$18,370.00
G157095	NA	sunphotometer	SCHULZX	SP1A10	NONE	\$18,370.00
G157088	NA	modem	SIERRA WIRLESS	MP200-GPS	MG9905271006	\$1,495.00
G150902	NA	DC MODEM	SMARTEK	NONE	NONE	\$225.00
G157876	NA	INVERTOR	TRACE ENGINEERING	TSS12	2392	\$330.22
G80613	NA	Data/Fax Modem	US ROBOTICS	SPORTSTER 28,800	8.39014E + 12	\$226.71
						\$360,719.23

Exhibit A. Installation-Accountable Government Property

6. Shared Science Equipment

ECN	DESCRIPTION	COST	SERIAL #	BLDG	ROOM
1884978	Apple Monitor	1346	WR0111BZHOE	1250A	103
2009802	Macintosh G4 Computer	3545	XB0490K6JNX	1250A	103
2008782	Lexmark Optra C710 Printer		10E01041107295	1250A	103
1742864	SGI Monitor	1800	2045549	1250A	102
1739452	SGI Indigo2 Workstation	28728	0800690A8279	1250A	102
38581	External CD-ROM Drive	572	6950A17784	1250A	102
1742064	8mm Tape Drive	4658	24503870004	1250A	102
2008846	8mm Tape Drive	1481	16160588	1250A	102
37448	External Hard Drive	2392	SH111574	1250A	102
1884979	Gateway Solo Laptop	4853	18453343	1250A	102
1881253	SUN Monitor			1250A	101
1611011	External Hard Drive	1339	0JD770770	1250A	101
1880651	External Hard Drive	699	99021A9755	1250A	101
1881021	External Hard Drive	696		1250A	101
1742512	SUN Ultra2 Workstation	15746		1250A	101
804136	Pinnacle Micro Optical Drive	2867	110208816	1250A	101
1881431	SUN Monitor	2000	010CJ5834	1250A	101
1611012	4GB External Hard Drive	1339	0JD639357	1250A	101
1742511	SUN Ultra2 Workstation	15746	71317D1	1250A	101
1604991	4GB External Hard Drive	1684	SS9721-0731	1250A	101
1084455	Artecon Hard Drive/Optical Combo	5795	5905	1250A	101
1883652	SUN Monitor	3900	9709GI3963	1250A	101
1742515	SUN Ultra2 Workstation	15746	71317D6	1250A	101
1612085	9GB Disk Tower	9302	98021E8066	1250A	104
1611019	4GB External Hard Drive	2022	LA022618	1250A	104
1880650	4GB External Hard Drive	699	99021A9757	1250A	104
1876218	SUN Monitor			1250A	104
1873619	SUN Ultra2 Workstation	11246	726F0786	1250A	104
1873139	SGI Monitor	936	2031695	1250A	104
1885927	Kingston Data Silo w/two 73GB Drives	2324	00109M0874	1250A	104
1742292	SGI O2 Workstation	10114	0800690C4D02	1250A	104
1877821	Canon Colorpass 5000	13531	B76181	1250A	104
1877746	Canon CLC-800 Printer	13630	NHP00322	1250A	104
1874680	Lexmark Optra N Printer	3411	11-13056	1250A	104
1256447	SUN Monitor	3900	3100198	1250A	105
1611015	External 4GB Hard Drive	1339	0JD764339	1250A	105
1739483	External Hard Drive	1684	DX942XV	1250A	105
1260843	Pinnacle Micro Optical Drive	2719	110201919	1250A	105
1742508	SUN Ultra2 Workstation	15746	71317DA	1250A	105
2008585	Trinitron 21" Monitor	700	2147779	1250A	105
2008580	Dell Precision 420 Workstation	5898	7KBP308	1250A	105
1878193	External Hard Drive	800	QU980603276QU	1250A	100
1878174	SUN External Hard Drive	2100	825G1702	1250A	100
1742510	SUN Ultra2 Workstation	15746	71317D9	1250A	100
1879344	SUN Monitor	1535	9833KN2208	1250A	100
1612638	18GB External Hard Drive			1250A	100
1612639	18GB External Hard Drive			1250A	100
1612640	18GB External Hard Drive			1250A	100
1088029	SUN Monitor	600	9122CY0959	1250A	100
1742509	SUN Ultra2 Workstation	15746	71317D2	1250A	100

Exhibit A. Installation-Accountable Government Property

6. Shared Science Equipment

1880220	Micron Monitor	599	8449A1C00436	1250A	100
1885597	Custom Built PC (A Open)	2421		1250A	100
1739426	SUN Monitor			1250A	100
1739245	SUN Ultra2 Workstation	18337	638F13A1	1250A	100
1739247	External Hard Drive	3102	9103541	1250A	100
1084454	Artecon Hard Drive/Optical Combo	5795	5905	1250A	100
1881022	External Hard Drive	696		1250A	100
1885542	Sony Trinitron Monitor	566	2710360	1250A	100
No Tag	Custom Built PC (Linux System)			1250A	100
1882394	Lexmark OptraColor 1200 Printer	7044	11-05948	1250A	2nd Floor
1741970	Lexmark Optra N Printer	4346	11-07107	1250A	2nd Floor
1742234	Gateway Monitor	700	701009800	1250A	201
1613391	IBM ThinkPad Laptop	3944	78-GAVL2	1250A	201
1880306	Dell Precision 610 Workstation	4712	U18D4	1250A	201
1884901	Compaq 600au Personal Workstation	11534	4015DP9Z1004	1250A	201
1884909	Compaq Monitor	1333	943FA25M8463	1250A	201
1875326	Sony Laptop	2296		1250A	201
1877577	Custom Built PC	3000	B97096297	1250A	201
1743011	Viewsonic Monitor	1585	Q670610854	1250A	201
2008578	HP DesignJet 3500CP	14163	SG03942015	1250A	204
No Tag	Custom Built PC	3000		1250A	204
2008561	Nokia Monitor	615		1250A	204
2097823	Sony Laptop	1759	28312630-3600369	1250A	204
1883648	Canon CLC900 Printer			1209	120E
1883302	Lexmark OptraN Printer	2878	11-21382	1209	120G
1739453	SGI Indigo2 Workstation	28728	0800690A9806	1209	120G
1429917	SGI Indigo2 Workstation			1209	120E
1881295	SUN Monitor			1273	L108
1256451	SUN Sparc10 Workstation	14690		1273	L108
1155556	4GB External Hard Drive			1273	L108
1155555	4GB External Hard Drive			1273	L108
37657	Pinnacle Micro Optical Drive			1273	L108
1256549	External CD-ROM Drive			1273	L108
1612869	4GB External Hard Drive			1273	L108
1882739	NEC Multisync LCD 1810 Monitor			1273	L108
1739625	HP Laserjet Printer			1273	L108
1256504	SUN Monitor			1273	L108
1742513	SUN Ultra2 Workstation	15746		1273	L108
1877193	4GB External Hard Drive			1273	L108
1426480	4GB External Hard Drive			1273	L108
1879647	Dell Monitor			1273	L108
1261382	External Disk Drive			1273	L108
1881829	Epson Stylus Color 900N Printer			1273	Hall
1741827	HP Laserjet 5n Printer			1273	Hall
1873762	Lexmark OptraC Printer			1273	Hall
1742420	Gateway G6-200 Computer			1273	
1880196	Dell Dimension XPS R450 Computer			1273	
1880197	Dell Monitor			1273	
1424453	NEC Multisync XE15 Monitor			1273	
1427220	Micron Monitor			1273	
1262548	SUN Sparc20 Workstation			1204	1

Exhibit A. Installation-Accountable Government Property

6. Shared Science Equipment

1883734	SUN Sparc20 Workstation			1204	1
1883654	HP LaserJet 5000N Printer	1999	USC1044737	1204	1
SYSTEMS					
1431397	DEC Alphastation 600			1250T-3	
1431561	Micron PC			1250T-3	
1878173	SUN Ultra 2		T26F05BB	1250T-3	
1742496	SUN Ultra 2		713F17D8	1250T-3	
1429069	Power MAC PC		XB52501F5UZ	1250T-3	
1877576	Quantex PC			1250T-3	
2009910	Gateway GP7-500			1250T-3	
1882513	MAC PC			1250T-3	
1884899	COMPAQ/DEC 600AU			1250T-3	
No Tag	Quantex PC			1250T-3	
2008848	Xii PC			1250T-3	
1882037	MAC PC			1250T-3	
1875555	Digital 500au			1250T-3	
2008261	Xii PC		16825	1250T-3	
1878871	Digital 50au			1250T-4	
1428292	MAC Power PC			1250T-4	
1431560	Micron PC			1250T-4	
2009803	MAC PC			1250T-4	
1884975	MAC PC			1250T-4	
1878911	I-MAC PC		X88338DKDFN	1250T-4	
1884898	COMPAQ/DEC 600AU		BE3CU-A2	1250T-4	
1742680	Micron PC			1250T-4	
1742972	DEC Alphastation 500			1250T-4	
1878874	Digital 600AU			1250T-4	
1742418	Gateway G6-200		6880183	1250T-4	
No Tag	Dell Dimension			1250T-4	
1878870	Digital 600AU			1250T-4	
1878872	Digital 600AU			1250T-4	
1882904	Gateway GP7-450			1250T-4	
1878873	Digital 600AU			1250T-4	
1742495	SUN Ultra 2			1250T-4	
1882682	Gateway GP7-600			Mezzanine	
2008799	Xii PC			Mezzanine	
188594	Gateway E-5400			Mezzanine	
1875250	Dell Optilex			Mezzanine	
1883565	Gateway E-4200			Mezzanine	
2098163	HP Pavilion LapTop		TW11216001	Mezzanine	
1430451	Gateway G6-200			Mezzanine	
1424392	ZEOS LapTop		10119618R	Mezzanine	
1882719	IBM Think Pad		78-WLM71	Mezzanine	
1880791	IBM Think Pad		78-HRH79	Mezzanine	
1879277	SGI Octane			Mezzanine	
1256454	SUN Sparc 10			Mezzanine	
1874852	Digital 500AU			1250	124F
1884897	COMPAQ/DEC 600AU			1250	124F
1884903	COMPAQ/DEC 600AU			1250	124F
1884900	COMPAQ/DEC 600AU			1250	124F
1884902	COMPAQ/DEC 600AU			1250	124F

Exhibit A. Installation-Accountable Government Property

6. Shared Science Equipment

1875554	Digital 500AU			1250	124F
1878875	Digital 600AU			1250	124F
1742970	Digital 500AU			1250	124F
2097985	SNAP Server 240 Gig			1250	124F
2097986	SNAP Server 240 Gig			1250	124F
1742934	COMPAQ Proliant 2500			1250	124F
1742951	COMPAQ Proliant 2500			1250	124F
1881172	Gateway ALR 9200			1250	124F
1873062	Gateway G6-200			1250	124F
1877708	IMPAQ 586			1250	124F
1879343	SUN Ultra 2		836F33E0	1250	124F
1256450	SUN Sparc 10		326F0006	1250	124F
1742514	SUN Ultra 2		713F17D4	1250	124F
1739484	SUN Ultra 2		640F0125	1250	124F
1873620	SUN Ultra 2		826F3294	1250	124F
No Tag	VA Linux Server		SX0428018470	1250	124F
1880792	MAC PC			1250	124F
from scratch				1250	124F
MONITORS					
1878880	Digital			1250T-3	
1431398	Digital			1250T-3	
1876091	SUN			1250T-3	
1878877	Digital			1250T-3	
1428261	MAC			1250T-3	
No Tag	Quantex			1250T-3	
1881216	Gateway			1250T-3	
No Tag	Optiquest		9L01719722	1250T-3	
1884908	COMPAQ			1250T-3	
No Tag	Optiquest		9L02338355	1250T-3	
1882818	Sony Trinitron			1250T-3	
1878878	Digital		4K81852574	1250T-3	
2009283	Sony Trinitron			1250T-4	
1884907	COMPAQ			1250T-4	
143261	Gateway			1250T-4	
1428293	Hitachi		G5C000421	1250T-4	
1880813	Hitachi		G8K000686	1250T-4	
1636296	MAC Flat Screen		CY94605PH4B	1250T-4	
1884906	Gateway			1250T-4	
1742971	Digital			1250T-4	
1742505	Digital		4K70401817	1250T-4	
1882901	Gateway			1250T-4	
1882679	NEC Multisync			1250T-4	
1884904	COMPAQ			1250T-4	
1882905	COMPAQ		943FA25MB459	1250T-4	
No Tag	Gateway2000		702012248	1250T-4	
1884925	COMPAQ			Mezzanine	
1876219	SUN			Mezzanine	
2008798	View Sonic			Mezzanine	
1876748	Gateway2000			Mezzanine	
1885895	View Sonic			Mezzanine	
No Tag	DELL			Mezzanine	

Exhibit A. Installation-Accountable Government Property
6. Shared Science Equipment

1883564	View Sonic			Mezzanine
No Tag	Gateway2000			Mezzanine
1741098	NEC Multisync			Mezzanine
1879286	Silicon Graphics			Mezzanine
1262384	SUN			Mezzanine
1429015	Hitachi			Mezzanine
1878876	Digital	4K81852590	1250	124F
1875557	Digital	IS73001425	1250	124F
1875556	Digital	IS73001419	1250	124F
1874855	Digital	5A72404028	1250	124F
1874854	Digital	5A72404027	1250	124F
1156275	Digital VT420	TA22744887	1250	124F
No Tag	Micron	64600CR202	1250	124F
1882681	Gateway	19007B087473	1250	124F
No Tag	Gateway2000	704027406	1250	124F
No Tag	ADI Micronscan		1250	124F
1879168	SUN		1250	124F
126807	SUN		1250	124F
2009078	SUN		1250	124F
No Tag	CTX	1G600508727	1250	124F
S - SYSTEMS:				
1612644,45,46	Andataco 3bay Hard Drive		1250T-3	
1263378	Series Hard Drive	943027	1250T-3	
1155557	Falcon Hard Drive	B21684	1250T-3	
1092513	Series Hard Drive	92110032	1250T-3	
No Tag	Archive 4mm Tape Drive	YAA05769	1250T-3	
A014737,38,39	Andataco 3bay Hard Drive		1250T-3	
2313000319	(UNK Brand) Hard Drive		1250T-3	
1878194	(UNK Brand) Hard Drive	QU980603278QU	1250T-3	
1612641,42,43	Andataco 3bay Hard Drive		1250T-3	
No Tag	Epson Scanner		1250T-3	
1885004	Tektronix Phaser 780 Printer		1250T-3	
1883303	Lexmark Optra N Printer		1250T-3	
1612647,48,49	Andataco 3bay Hard Drive		1250T-3	
No Tag	Epson Color 900G Printer	B3v1005442	1250T-4	
1612871	Smart & Friendly CDROM RW	00333-009999	1250T-4	
1612650,51,52	Andataco 3bay Hard Drive		1250T-4	
1880788	Tektronix 840 Color Printer		1250T-4	
1425254	Apply LaserWriter		1250T-4	
1742065	HP LAsErJet 5m		1250T-4	
1604873	Iomega Zip Drive	RBB64231VF	1250T-4	
1610827	Falcon Hard Drive		1250T-4	
No Tag	Rino Hard Drive	68067427iK	1250T-4	
1612613	(UNK Brand) Hard Drive		1250T-4	
1425047	Penpical Optical Cassett reader		1250T-4	
1740321	Storage Works RAID Device		Mezzanine	
1428915	HP LaserJet 5P Printer		Mezzanine	
No Tag	HP ScannerJet 4C		Mezzanine	
1883301	Toshiba CDROM	975C403427	Mezzanine	
1084453	Artecon Optical Reader/HD		Mezzanine	
1425454	Epson Scanner	60109128	Mezzanine	

Exhibit A. Installation-Accountable Government Property
6. Shared Science Equipment

2009371	Lexmark Optra C710 Printer			Mezzanine	
1879132	HP LaserJet 8000 DN			Mezzanine	
2009889	Brother MFC-8700 FAX			Mezzanine	
1881204	View Sonic Projector PJ820		T890200067	Mezzanine	
1874546	ATL 7100 Tape Library		7332206	1250	124F
1877676	SUN Hard Drive		742G2552	1250	124F
1611017	Falcon Hard Drive			1250	124F
1611014	Falcon Hard Drive			1250	124F
1611018	Falcon Hard Drive			1250	124F
1611020	Falcon Hard Drive			1250	124F
38277	Andataco Hard Drive			1250	124F
37384	Andataco Hard Drive			1250	124F
1879342	SUN Disk Array		836G0087	1250	124F
1873163	9 Bay Disk Array (UNK)			1250	124F
1741431	9 Bay Disk Array (UNK)			1250	124F
1741430	9 Bay Disk Array (UNK)			1250	124F
1885085	Nexstor Disk Array			1250	124F
1881171	Gateway Disk Array			1250	124F
1742953	CD International CDROM Tower			1250	124F
1742952	CD International CDROM Tower			1250	124F
1884785	ATL L200 Tape Library			1250	124F
A014740,41,42	Andataco 3bay Hard Drive			1250	124F
1612635,36,37	Andataco 3bay Hard Drive			1250	124F
1739636	Andataco 10bay RAID			1250	124F
1874481	Andataco 30bay RAID			1250	124F
1884998	Cybox KVM Switch			1250	124F
puting Facility					
UNASSIGNED	ORIGIN 3800			1250	124E
UNASSIGNED	ORIGIN 3800			1250	124E
2008390	ORIGIN 2200		K0028581	1250	124E
1428692	INDY		0800690A0177	1250	124E
1428690	INDY		0800690A0671	1250	124E
1423904	INDY		0800690897D2	1250	124E
1431724	INDY		0800690A5506	1250	124E
1432221	INDY		0800690A5F5D	1250	124E
1432230	INDY		0800690A542A	1250	124E
1432227	INDY		0800690A5F5E	1250	124E
1429091	INDY		0800690AC1F3	1250	124E
1432229	INDY		0800690A542B	1250	124E
1432231	INDY		0800690A542E	1250	124E
1432228	INDY		0800690A5F5C	1250	124E
1432206	INDIGO2		0800690A616D	1250	124E
35288	INDIGO2		08006908B326	1250	124E
1427004	INDIGO2		080069096F8F	1250	124E
1264460	INDIGO2		08006907644A	1250	124E
1427004	INDIGO2		80069096F8F	1250	124E
1880935	OCTANE		0800690E0E3B	1250	124E
1880936	OCTANE		0800690E1D85	1250	124E
1885133	OCTANE		8006135026	1250	124E
1739290	SPARC-4		638F00E3	1250	124E
1739289	SPARC-4		637F182F	1250	124E

Exhibit A. Installation-Accountable Government Property

6. Shared Science Equipment

1428726 ULTRA-140		613F19EB	1250	124E
1428724 ULTRA-140		613F14A0	1250	124E
1428716 ULTRA-140		613F19E6	1250	124E
1428722 ULTRA-140		613F14BA	1250	124E
1741856 ULTRA-140		702F04FA	1250	124E
1428740 ULTRA-170		613F1D7D	1250	124E
1428738 ULTRA-170		613F1463	1250	124E
1428742 ULTRA-170		613F1D79	1250	124E
1428629 ULTRA-170		613F243C	1250	124E
1742546 ULTRA-170		713F18E6	1250	124E
1742545 ULTRA-170		712F1733	1250	124E
1877672 ULTRA-170		818FC290	1250	124E
1431263 A14-2200		631F0A8D	1250	124E
1881076 E450		911H2136	1250	124E
1431840 E5000		635F122F	1250	124E
1254569 SPARC-10		303f0637	1250	124E
1424375 SPARC-20		508f0266	1250	124E
1084976 SPARC-5		111F4560	1250	124E
1874551 SS-10		319F0085	1250	124E
1881066 ULTRA-10		FW91050873	1250	124E
1881069 ULTRA-10		FW91060671	1250	124E
1881067 ULTRA-10		FW91020260	1250	124E
1881065 ULTRA-10		FW91020263	1250	124E
1880796 ULTRA-10		FW90840530	1250	124E
1885639 ULTRA-10		FW02520167	1250	124E
1883371 ULTRA-10		FW94150747	1250	124E
1883370 ULTRA-10		FW94150151	1250	124E
1885638 ULTRA-10		FW02520223	1250	124E
1885643 ULTRA-10		FW02500226	1250	124E
1882516 ULTRA-10		FW93310420	1250	124E
1883368 ULTRA-10		FW94150137	1250	124E
unassigned ULTRA-10			1250	124E
2008397 ULTRA-10		TW02439131	1250	124E
ULTRA-10			1250	124E
ULTRA-10			1250	124E
2008405 ULTRA-10		TW02439466	1250	124E
ULTRA5/10			1250	124E
1088925 SS-2		1271411	1250	124E
1158889 SS-2		233F1332	1250	124E
Computing Facility				
1093176 PC			1250	114
1157564 SGI workstation			1250	208
1160055 PC			1250	1240
1256571 IBM workstation			1250T	503
1256574 IBM workstation			1250T	501
1256575 IBM workstation			1250T	504
1256579 IBM workstation			1250T	502
1257018 DEC workstation			1250	223
1261736 DEC workstation			1250T	604
1261737 DEC workstation			1250T	604
1263363 IBM workstation			1250	124E

Exhibit A. Installation-Accountable Government Property
6. Shared Science Equipment

1263888	X terminal			1250T	601
1423022	DEC workstation			1250	201
1429382	Sun workstation			1250	201
1739786	PC			1250T	506
1740231	PC			1250	503
1741821	X terminal			1250T	503
1741911	PC			1250T	605
1743020	DEC workstation			1250	201
1811282	PC			1250	143
1873062	PC			1250T	507
1873828	PC			1250	142
1874006	IBM workstation			1250	124E
1875034	PC - Premium			1250	119
1875482	DEC workstation			1250	211
1877868	PC			1250	125
1877708	PC			1250T	507
1878370	PC			1250	143
1878700	Mac			1250	144
1880461	PC			1250T5	505
1883053	Mac			1250	210
1883335	DEC workstation			1250	208
1885239	DEC workstation			1250	124E
1885894	PC - High			1250T	507
2008769	DEC workstation			1250	140
2009710	PC			NOC	FE
2087971	PC - High			1250	503
8800000708	PC - Entry			1250T	412
	ndscbox PC			1250T5	505

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

decal	cust_decitem_desc	manufacture	model_no	serial_no	nit_price	
G80666	NA	LINKBUILDER HUB	3 COM	FMS11	030176VV216462	\$521.46
G149911	NA	SSII SWITCH SUPER SWITCH	3 COM	1895010000	72LV1D1FEF8	\$1,278.00
G122074	1092920	DISK DRIVE	ACROPOLIS	ASI6L1350	920430007	\$3,065.00
G80448	1092344	DISC DRIVE	ACROPOLIS	ASI5L1035	920325003	\$2,463.00
G80442	1092925	DISC DRIVE UNIT	ACROPOLIS	ASI6L1350	920430004	\$3,065.00
G121778	1092921	DISK DRIVE	ACROPOLIS	ASI5L1350M	920331030	\$2,913.00
G121857	1092922	DISK DRIVE	ACROPOLIS	ASI-5L-135-DM	920331034	\$2,913.00
G121858	801469	DISK DRIVE	ACROPOLIS	ASI-5L-1350	920904002	\$2,549.00
G121859	1157034	DISK DRIVE	ACROPOLIS	ASI-6L-1350	920827012	\$2,860.00
G121964	1092343	DISK DRIVE	ACROPOLIS	ASI-5L-1035	920325001	\$2,463.00
G121965	801468	DISK DRIVE	ACROPOLIS	ASI-6L-1350M	920331032	\$2,549.00
G122007	1157032	DISK DRIVE	ACROPOLIS	ASI-6L-1350	920927010	\$2,860.00
G122245	1156894	DISK DRIVE	ACROPOLIS	ASI6L1700	920730003	\$3,917.00
G80465	1092895	DISK DRIVE	ACROPOLIS	ASI-6L-1350	920430003	\$3,085.00
G80768	1156896	DISK DRIVE	ACROPOLIS	ASI-6L-1350	92730006	\$2,860.00
G121881	1092896	DISK SUBSYSTEM	ACROPOLIS	ASI-5L-1350M	920331035	\$2,319.00
G117961	1636329	DATA SWITCH	AIGLENT	34970A	US37030621	\$2,147.00
G149877	NA	DISK ENCLOSURE W/ INT DISK	AMERICAN MEDIA	NONE	A104435	\$284.24
G149878	NA	DISK ENCLOSURE W/ INT DISK	AMERICAN MEDIA	NONE	A104436	\$284.24
G149879	NA	DISK ENCLOSURE W/ INT DISK	AMERICAN MEDIA	NONE	A104437	\$284.24
G149880	NA	DISK ENCLOSURE W/ INT DISK	AMERICAN MEDIA	NONE	A104434	\$284.24
G122159	802438	HD W/ EXPANSION BAY	ANADATCO	NONE	CX31306844	\$1,720.00
G122160	802444	HD W/ EXPANSION BAY	ANADATCO	NONE	CX31407735	\$1,720.00
G122158	N/A	SHELL EXPANSION BAY	ANADATCO	NONE	NONE	\$1,720.00
G80934	1427046	8 MM TAPE DRIVE	ANDATACO	X5X5E51JX2S2X	6237526	\$237.00
G122680	803131	8MM TAPE DRIVE	ANDATACO	NONE	7003597 INTERNAL	\$1,561.00
G145688	1612109	9G HARD DRIVE	ANDATACO	RSE910Q33	SS98200436	\$1,511.00
G122358	1429058	9GB DISK DRIVE	ANDATACO	X990P51AX255X	8045781421	\$2,894.00
G122579	1739317	9GB DISK DRIVE INT	ANDATACO	ST140800N	SH106261	\$2,292.00
G122581	1739320	9GB DISK DRIVE INT	ANDATACO	ST140800N	SB40800N	\$2,292.00
G145667	1612059	9GB HARD DRIVE	ANDATACO	RSE910Q33A	SS98200442	\$2,065.00
G145670	NA	9GB HARD DRIVE	ANDATACO	RSE910Q33	SS98200438	\$1,511.00
G122909	1610878	CD ROM DRIVE	ANDATACO	X266T51-JX2S1X	SS-9731-0255	\$667.00
G122910	1610880	CD ROM DRIVE	ANDATACO	X266T51-JX2S1X	SS-9731-0254	\$667.00
G80979	37905	CD ROM DRIVE	ANDATACO	X266T51JX2S1X	5260809308	\$553.00
G80980	37906	CD ROM DRIVE	ANDATACO	X266T51JX2S1X	5260809308	\$553.00
G122561	38380	CD ROM DRIVES	ANDATACO	X266T51-JXS1X	6860N04033	\$583.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122562	38382	CD ROM DRIVES	ANDATACO	X266T51-JXS1X	6860N04035	\$583.00
G122613	1739662	CHASSIS, ESP	ANDATACO	RSE917S3W	N8054971	\$2,282.00
G122614	1739662	CHASSIS, ESP	ANDATACO	ESPTS1D	190172	\$2,282.00
G122615	1739663	CHASSIS, ESP	ANDATACO	ESPTS1S	190048	\$2,282.00
G80578	1423914	DISC DRIVE	ANDATACO	ADTCABA	95163140	\$4,135.00
G122609	1424088	DISK DRIVE	ANDATACO	X990S51CX3S5X	SB140191	\$5,475.00
G122810	37454	DISK DRIVE	ANDATACO	RSE917S3W	N8054893	\$1,575.00
G122611	37457	DISK DRIVE	ANDATACO	RSE917S3W	N8065279	\$1,575.00
G122612	37456	DISK DRIVE	ANDATACO	RSE917S3W	N8055137	\$1,575.00
G122616	1611973	DISK DRIVE	ANDATACO	RSE917S3S	LAJ27762	\$1,857.00
G122617	37459	DISK DRIVE	ANDATACO	RSE917S3S	LA049551	\$1,857.00
G122618	37460	DISK DRIVE	ANDATACO	RSE917S3S	LA049915	\$1,575.00
G122621	1743081	DISK DRIVE	ANDATACO	RSE917S3S	LA080205	\$1,575.00
G122622	37462	DISK DRIVE	ANDATACO	RSE917S3S	LA0601814	\$1,575.00
G122623	37464	DISK DRIVE	ANDATACO	RSE917S3S	LA061563	\$1,575.00
G122730	1805020	DISK DRIVE	ANDATACO	RSE910P33	SS97250563	\$2,622.00
G122732	1805021	DISK DRIVE	ANDATACO	RSE910P33	SS97250581	\$2,622.00
G122734	1805022	DISK DRIVE	ANDATACO	RSE910P33	SS97250559	\$2,622.00
G122846	1611126	DISK DRIVE	ANDATACO	RSE917S3W	SS97400052	\$2,478.00
G122847	1611127	DISK DRIVE	ANDATACO	RSE917S3W	SS97400053	\$2,479.00
G122848	1611128	DISK DRIVE	ANDATACO	RSE917S3W	SS97400054	\$2,479.00
G122951	1611131	DISK DRIVE	ANDATACO	RSE917S3W	SS97400058	\$2,479.00
G122952	1611130	DISK DRIVE	ANDATACO	RSE917S3W	SS97400057	\$2,479.00
G122953	1612469	DISK DRIVE	ANDATACO	RSE917S3W	SS97400056	\$2,479.00
G122956	1613243	DISK DRIVE	ANDATACO	RSE917S33	SS97460640	\$2,080.00
G122957	1611417	DISK DRIVE	ANDATACO	RSE917S33	SS97460643	\$2,080.00
G122958	1611418	DISK DRIVE	ANDATACO	RSE917S33	SS97460645	\$2,080.00
G122962	1611414	DISK DRIVE	ANDATACO	RSE917S33	SS97460646	\$2,060.00
G122963	1611413	DISK DRIVE	ANDATACO	RSE917S33	SS97460642	\$2,060.00
G122964	1611415	DISK DRIVE	ANDATACO	RSE917S33	SS97460644	\$2,060.00
G122991	1610890	DISK DRIVE	ANDATACO	RSE910P33	SS97290248	\$2,716.00
G122992	1610888	DISK DRIVE	ANDATACO	RSE910P33	SS7290246	\$2,716.00
G122994	1611364	DISK DRIVE	ANDATACO	RSE917S33	SS97470148	\$1,500.00
G122995	1611365	DISK DRIVE	ANDATACO	RSE917S33	SS97470149	\$1,500.00
G122996	1611366	DISK DRIVE	ANDATACO	RSE917S33	SS97471052	\$1,500.00
G145827	1610854	DISK DRIVE	ANDATACO	RSE910P33	SS97290069	\$2,226.00
G148181	NA	DISK DRIVE	ANDATACO	RSE910033A	SS98200439	\$2,085.00
G148183	1612107	DISK DRIVE	ANDATACO	RSE910033	SS98200441	\$1,511.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G148185	NA	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200437	\$2,065.00
G148187	NA	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200440	\$2,065.00
G149887	1812218	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290067	\$1,593.00
G149888	1812217	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290066	\$1,593.00
G149889	1812222	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200444	\$1,593.00
G149894	1812227	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200445	\$1,593.00
G149895	1812228	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200443	\$1,593.00
G149896	1812229	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200446	\$1,593.00
G149897	1812225	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290062	\$1,593.00
G149898	1812224	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290063	\$1,593.00
G149899	1812226	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200064	\$1,593.00
G149900	1812219	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290068	\$1,593.00
G149901	1812220	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290069	\$1,593.00
G149902	1812221	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290065	\$1,593.00
G149955	1812760	DISK DRIVE	ANDATACO	RSE911S33A	SS98450246	\$1,184.00
G149956	1812759	DISK DRIVE	ANDATACO	RSE911S33A	SS98450245	\$1,184.00
G149957	1812758	DISK DRIVE	ANDATACO	RSE911S33A	SS98450249	\$1,184.00
G149967	1812764	DISK DRIVE	ANDATACO	RSE911S33A	SS98450247	\$1,184.00
G149968	1812763	DISK DRIVE	ANDATACO	RSE911S33A	SS98450248	\$1,184.00
G149969	1812762	DISK DRIVE	ANDATACO	RSE911S33A	SS98450243	\$1,184.00
G149970	1812761	DISK DRIVE	ANDATACO	RSE911S33A	SS98450244	\$1,184.00
G150881	NA	DISK DRIVE	ANDATACO	RSE182D133	SS99010125	\$1,625.00
G157106	1811470	DISK DRIVE	ANDATACO	RSE917S3W	SS97490491	\$1,815.00
G157107	1811468	DISK DRIVE	ANDATACO	RSE917S3W	SS97490495	\$1,815.00
G157108	1812615	DISK DRIVE	ANDATACO	RSE917S3W	SS97400056	\$1,815.00
G157788	1813001	DISK DRIVE	ANDATACO	RSEL1821S36	SS99190239	\$1,685.00
G157789	1836899	DISK DRIVE	ANDATACO	ST318275LC	HP033AK05GSP	\$1,685.00
G157822	1811471	DISK DRIVE	ANDATACO	RSE917S3W	SS97490490	\$1,815.00
G157823	1811472	DISK DRIVE	ANDATACO	RSE917S3W	SS97490493	\$1,815.00
G157824	1811469	DISK DRIVE	ANDATACO	RSE917S3W	SS97490494	\$1,815.00
G158864	1804790	DISK DRIVE	ANDATACO	LP783321	ST118273WC	\$2,181.00
G158865	1804814	DISK DRIVE	ANDATACO	NONE	NONE	\$2,181.00
G158866	1811883	DISK DRIVE	ANDATACO	NONE	NONE	\$1,511.00
G158867	1811884	DISK DRIVE	ANDATACO	NONE	NONE	\$1,511.00
G158868	1811622	DISK DRIVE	ANDATACO	NONE	NONE	\$2,117.00
G158887	37786	disk drive	ANDATACO	NONE	NONE	\$1,295.00
G158888	1742516	DISK DRIVE	ANDATACO	NONE	NONE	\$8,920.00
G158893	1742068	DISK DRIVE	ANDATACO	NONE	NONE	\$1,100.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G158894	1604802	DISK DRIVE	ANDATACO	NONE	NONE	\$2,181.00
G158895	1878468	DISK DRIVE	ANDATACO	NONE	NONE	\$1,511.00
G158896	1604801	DISK DRIVE	ANDATACO	NONE	NONE	\$1,522.00
G158897	1090708	DISK DRIVE	ANDATACO	NONE	NONE	\$2,867.00
G158898	37785	DISK DRIVE	ANDATACO	NONE	NONE	\$1,295.00
G158899	37784	DISK DRIVE	ANDATACO	NONE	NONE	\$1,295.00
G80628	1424897	DISK DRIVE	ANDATACO	X990P51AX255X	4123760034	\$4,027.00
G80981	1428788	DISK DRIVE	ANDATACO	X990P51-AX255X	4124760420	\$2,489.00
G122429	37533	DISK DRIVE (INT)	ANDATACO	RSE990P5S	6081760607	\$2,127.00
G122431	37529	DISK DRIVE (INT)	ANDATACO	RSE990P5S	6081760631	\$2,127.00
G122433	1604975	DISK DRIVE (INT)	ANDATACO	ESP-3-S	SS-9711-0325	\$2,127.00
G122436	37537	DISK DRIVE (INT)	ANDATACO	RSE990P5S	60681760537	\$2,127.00
G122437	37527	DISK DRIVE (INT)	ANDATACO	RSE990P5S	6081760539	\$2,127.00
G122439	37536	DISK DRIVE (INT)	ANDATACO	RSE990P5S	6064760244	\$2,127.00
G122441	37528	DISK DRIVE (INT)	ANDATACO	RSE990P5S	7ADS908479	\$2,127.00
G122998	1611398	DISK DRIVE DRIVE	ANDATACO	RSE917S33	SS97470153	\$1,500.00
G122999	1611397	DISK DRIVE DRIVE	ANDATACO	RSE917S33	SS9740154	\$1,500.00
G149078	NA	DISK DRIVE ENCLOSURE	ANDATACO	ESP-DK/DT-XX	SS97250498	\$455.00
G150873	NA	DISK DRIVE ENCLOSURE	ANDATACO	NONE	NONE	\$150.00
G150882	NA	DISK DRIVE ENCLOSURE	ANDATACO	ESPDK1S	SS98410337	\$318.00
G122443	37534	DISK DRIVE INT	ANDATACO	RSE990P5S	6081760734	\$2,127.00
G122445	37526	DISK DRIVE INT	ANDATACO	RSE990P5S	6075761179	\$2,127.00
G122447	37535	DISK DRIVE INT	ANDATACO	RSE990P5S	7AXS909192	\$2,127.00
G122449	37531	DISK DRIVE INT	ANDATACO	RSE990P5S	7AQS909075	\$2,127.00
G122451	37525	DISK DRIVE INT	ANDATACO	RSE990P5S	6075761180	\$2,127.00
G122453	37532	DISK DRIVE INT	ANDATACO	RSE990P5S	6075761162	\$2,127.00
G122626	37623	DISK DRIVE INTERNAL	ANDATACO	RSE990P5S	7AQS909027	\$2,127.00
G122428	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	218	\$100.00
G122430	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	1078	\$100.00
G122432	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	18	\$100.00
G122434	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	1079	\$100.00
G122436	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	SS98490171	\$100.00
G122438	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	41	\$100.00
G122440	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	1073	\$100.00
G122442	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	1075	\$100.00
G122444	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	36	\$100.00
G122446	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	5	\$100.00
G122448	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	164	\$100.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122450	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	45	\$100.00
G122452	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	4	\$100.00
G122578	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	658	\$100.00
G122580	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	622	\$100.00
G122731	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	SS97210120	\$300.00
G122733	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	SS97210121	\$300.00
G122735	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	SS97190007	\$300.00
G122845	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1D	SS97360635	\$276.00
G122950	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1D	SS97360634	\$276.00
G122993	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	97240336	\$75.00
G145658	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1SH	SS98160157	\$455.00
G145671	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1SH	SS98160164	\$75.00
G145653	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1SH	SS98160163	\$255.00
G149890	NA	DISK ENCLOSURE	ANDATACO	DKS-IS	SS981106391	\$100.00
G149891	NA	DISK ENCLOSURE	ANDATACO	DKS-IS	SS98150511	\$100.00
G149892	NA	DISK ENCLOSURE	ANDATACO	DKS-IS	SS99010022	\$100.00
G149893	NA	DISK ENCLOSURE	ANDATACO	DKS-IS	SS981508510	\$100.00
G149958	NA	ENCLOSURE	ANDATACO	ESPDK1SH	NONE	\$100.00
G149966	NA	ENCLOSURE	ANDATACO	ESPDK1SH	NONE	\$150.00
G80541	NONE	EXPANSION CABINET	ANDATACO	X340P53FX155X	52	\$391.00
G80543	NONE	EXPANSION CABINET	ANDATACO	200032DX155X	61	\$355.00
G80544	NONE	EXPANSION CABINET	ANDATACO	200032DX155X	63	\$355.00
G157105	NA	EXT ENCLOSURE	ANDATACO	ESPTS1D	SS97490404	\$1,290.00
G148186	NA	EXT ENCLOSURE	ANDATACO	DKS1S	SS98160161	\$455.00
G122777	NA	HARD DRIVE SHELL	ANDATACO	ESPDK1S	SS97240332	\$75.00
G122797	NA	HARD DRIVE SHELL	ANDATACO	ESPDK1S	SS97240011	\$75.00
G122774	1873148	INTERNAL HARD DRIVE	ANDATACO	RSE910P33	SS97300250	\$2,060.00
G122775	1873146	INTERNAL HARD DRIVE	ANDATACO	RSE910P33	SS97300249	\$2,060.00
G122776	1873147	INTERNAL HARD DRIVE	ANDATACO	RSE910P33	SS97300255	\$2,060.00
G122778	1741898	INTERNAL HARD DRIVE	ANDATACO	RSE910P33	SS97300251	\$2,060.00
G122779	1873149	INTERNAL HARD DRIVE	ANDATACO	RSE910P33	SS97300252	\$2,060.00
G122780	1741899	INTERNAL HARD DRIVE	ANDATACO	RSE910P33	SS97300254	\$2,060.00
G122955	1611402	MAGNETIC TAPE TRANSPORT	ANDATACO	X820E51-JX2S2X	SS97460986	\$2,540.00
G122959	1611400	MAGNETIC TAPE TRANSPORT	ANDATACO	X820E51-JX2S2X	SS97460985	\$2,540.00
G122960	1611399	MAGNETIC TAPE TRANSPORT	ANDATACO	X820E51-JX2S2X	SS97460983	\$2,540.00
G122965	1611401	MAGNETIC TAPE TRANSPORT	ANDATACO	X820E51-JX2S2X	SS97460984	\$2,540.00
G122997	NA	SHELL DISK DRIVE	ANDATACO	ESPDK1S	FS97390505	\$75.00
G122148	NONE	SHELL FOR 2HD W/EXPANSION	ANDATACO	NONE	NONE	\$75.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122359	NA	SHELL FOR gG122358	ANDATACO	ADT-CABA	9604-7280	\$75.00
G122151	35903	TAPE DRIVE	ANDATACO	NONE	6013952	\$2,650.00
G122152	802354	TAPE DRIVE	ANDATACO	26DA3	LAA64016	\$1,806.00
G122175	802715	TAPE DRIVE	ANDATACO	EXBB5058SQAXR1	6010810	\$2,650.00
G80911	1425498	Disk Drive	ANDATCO	ADTCABA	95249212	\$3,243.00
G80595		Disc Drive w/ cable	APS TECHNOLOGIES	SR2000	A371051	\$511.85
G80579	35269	4MM MAGTAPE	ARCHIVE CORP.	4350XT	YAA60179	\$1,800.00
G123090	801494	HARD DRIVE INTERNAL	ARCHIVE CORPORATION	432UNT	LAA08765	\$1,825.00
G123092	1156904	HARD DRIVE INTERNAL	ARCHIVE CORPORATION	NONE	T1543388	\$2,555.00
G122241	1159230	DISK DRIVE	ARTECON	DSU1300P2	917920009	\$3,150.00
G148179	1876865	DISK DRIVE	ARTECON	LX2159UNSE	24508770465	\$1,689.00
G121732	1422515	DISK DRIVE OPTICAL	ARTECON	DSUI-300P3	921940123	\$3,605.00
G121828	1084648	DISK DRIVE OPTICAL	ARTECON	DSVE2E300A2	5967	\$2,100.00
G122156	1258513	DISK DRIVE UNIT	ARTECON	DSUI300P2	1005130125	\$3,007.00
G121704	1258514	OPTICAL DISK DRIVE	ARTECON	DSUI-300P3	1004930128	\$3,007.00
G123025	1263780	OPTICAL DISK DRIVE	ARTECON	DSU1-300P3	715940189	\$2,650.00
G123096	1884647	OPTICAL DRIVE	ARTECON	T31300	K3013573	\$2,650.00
G122100	1263755	OPTICAL SUB SYSTEM	ARTECON	DSU1300P3	62490014	\$2,485.00
G123034	1263758	OPTICAL SUB SYSTEM	ARTECON	DSU1-300P3	630940014	\$2,650.00
G121918	1263762	OPTICAL SUBSYSTEM	ARTECON	DSUI-300P3	720940009	\$2,650.00
G121977	1263763	OPTICAL SUBSYSTEM	ARTECON	DUS1-30003	720940010	\$2,650.00
G123001	1263761	OPTICAL SUBSYSTEM	ARTECON	DSUI-300P3	630940012	\$2,650.00
G161005	NA	HARD DRIVE	BARRACUDA	D0139M3879	DS100S4W	\$995.00
G80951	N/A	Ext Harddrive Transport	BERNOULLI	TRANSPORTABLE15	JXA4350150	\$461.18
G80387	1159187	ACTIVITY MONITOR	BLACK BOX	TS010B	8903	\$229.00
G122736	1742573	ETHERNET SWITCH	CABLETRON	2E4227R	171097150072040A	\$5,173.00
G122737	1742572	ETHERNET SWITCH	CABLETRON	2E4227R	171097150095040A	\$5,173.00
G122400	NA	NETWORK CONCENTRATOR	CABLETRON	FN10-24	14176380010150P5	\$4,560.00
G122401	NA	NETWORK CONCENTRATOR	CABLETRON	FN10-24	14946390001070P8	\$4,560.00
G122402	NA	NETWORK CONCENTRATOR	CABLETRON	FN100-16TX	14206240355151P7	\$12,050.00
G122670	NA	SMARTSWITCH 2000	CABLETRON	2E4227R	17107120041070P6	\$5,405.78
G157074	NA	DISK DRIVE ENCLOSURE	CCS	NONE	A000480	\$47.00
G123023	G794574	DISK DRIVE, SHELL	CIGMA SYSTEM	NONE	6121	\$75.00
G119920	NA	CATALYST SWITCH	CISCO	WSC3512XLEN	0030851798C0	\$1,612.00
G145614	NA	CATALYST W/4 PORT ATTACH	CISCO	WS-C2916M-XL	FAA0204W07J	\$3,549.00
G121850	1086316	DISK DRIVE	CITA	EXB8200	605794	\$2,400.00
G121849	1086305	DISK DRIVE	CITA TECH.	2266SA	J7283J10540	\$4,680.00
G122233	1167780	DISK DRIVE	CITA TECHNOLOGIES	SAH212D	8848	\$4,258.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122707	1086292	DISK DRIVE	CITA TECHNOLOGIES	M2266SA	J7146J7216	\$4,560.00
G121735	1087126	TAPE SUBSYSTEM	CITA TECHNOLOGIES	904346-010	619775	\$2,375.00
G122232	1086650	TPAE DRIVE	CITA TECHNOLOGIES	EXB8200	624345	\$2,350.00
G121790	1263756	DISK DRIVE	CLUB MAC	CMHHMMSFP	NONE	\$449.00
G121887	1263757	DISK DRIVE	CLUB MAC	CMHHMMSFP	NONE	\$449.00
G119948	2009192	DISK ENCLOSURE	COMPLUS	N/A	583480	\$4,658.00
G119949	2009193	DISK ENCLOSURE	COMPLUS	N/A	568580	\$4,658.00
G157835	NA	EXT ENCLOSURE	COMPUMART	F/H5.25	8603718	\$35.00
G157836	NA	EXT ENCLOSURE	COMPUMART	F/H5.25	8603720	\$35.00
G158878	1885302	TAPE DRIVE	COMPUPLUS	CP02505XL	16162793	\$1,432.00
G157031	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000475	\$47.00
G157033	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000483	\$47.00
G157035	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000478	\$47.00
G157037	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000477	\$47.00
G157039	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000454	\$47.00
G157041	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000474	\$47.00
G157044	NA	DISK DRIVE ENCLOSURE	CSC	NONE	NONE	\$47.00
G157046	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000479	\$47.00
G157048	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A104461	\$47.00
G157050	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A107838	\$47.00
G157052	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A107663	\$47.00
G157054	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000481	\$47.00
G157056	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000482	\$47.00
G157058	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A108585	\$47.00
G157059	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A000478	\$47.00
G157061	NA	DISK DRIVE ENCLOSURE	CSC	NONE	A105102	\$47.00
G157793	NA	EXT ENCLOSURE	CSC	CF731	A000460	\$47.00
G157794	NA	EXT ENCLOSURE	CSC	CF731	A000461	\$47.00
G157795	NA	EXT ENCLOSURE	CSC	CF731	A000456	\$47.00
G157796	NA	EXT ENCLOSURE	CSC	CF731	A000459	\$47.00
G157797	NA	EXT ENCLOSURE	CSC	CF731	A000457	\$47.00
G157798	NA	EXT ENCLOSURE	CSC	CF731	A000458	\$47.00
G157799	NA	EXT ENCLOSURE	CSC	CF731	A000448	\$47.00
G157800	NA	EXT ENCLOSURE	CSC	CF731	A000463	\$47.00
G157801	NA	EXT ENCLOSURE	CSC	CF731	A000410	\$47.00
G157802	NA	EXT ENCLOSURE	CSC	CF731	A000422	\$47.00
G157809	NA	EXT ENCLOSURE	CSC	CF731	A00347	\$47.00
G157810	NA	EXT ENCLOSURE	CSC	CF731	A000283	\$47.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G157811	NA	EXT ENCLOSURE	CSC	CF731	A000340	\$47.00
G157812	NA	EXT ENCLOSURE	CSC	CF731	A000348	\$47.00
G157813	NA	EXT ENCLOSURE	CSC	CF731	A000349	\$47.00
G157814	NA	EXT ENCLOSURE	CSC	CF731	A009912	\$47.00
G157815	NA	EXT ENCLOSURE	CSC	CF731	A009913	\$47.00
G122949	1611132	DUAL 8MM TAPE SUBSYSTEM	CYBERNETICS	CYASP	97070196	\$8,090.00
G122320	NA	DUAL TAPE SUBSYSTEM	CYBERNETICS	CY ASP	96070101	\$7,618.05
G119947	1878113	TAPE STACKER	CYBERNETICS	CY-TL8-2020	98041008A	\$16,990.00
G157828	NA	enclosure w disk drive	DATA STACKER	DS60S1W	99132B3919	\$378.27
G157829	NA	enclosure w disk drive	DATA STACKER	DS60S1W	99111B3316	\$378.27
G157830	NA	enclosure w disk drive	DATA STACKER	DS60S1W	99119B3854	\$378.27
G157831	NA	enclosure w disk drive	DATA STACKER	DS60S1W	NONE	\$378.27
G123180	802520	Disk Drive Internal	DEC	DSP3160	CX31407610	\$1,720.00
G122885	802517	DISK DRIVE	DIGITAL	DSP3160	CX31306639	\$1,720.00
G123027	802439	DISK DRIVE	DIGITAL	X200D31-AX155X	CX41105502	\$1,720.00
G80527	1256565	HARD DRIVE	DIGITAL	BSP3160	CX31508781	\$1,720.00
G80532	802440	HARD DRIVE	DIGITAL	DSP3160	CX31508687	\$1,720.00
G80533	802441	HARD DRIVE	DIGITAL	DSP3160	CX31508768	\$1,720.00
G122215	1159289	IMPACT DISK DRIVE	EMAC	EXM00883150	BH02040031	\$715.00
G119923	1875052	AUTOMATED TAPE LIBRARY	EXABYTE	EXB480T	12700029	\$44,996.00
G157086	1881483	DISK DRIVE	EXABYTE	711	918G1555	\$4,278.00
G122826	1610697	INT DISK DRIVE	EXABYTE	8900EXB	60014913	\$5,341.00
G122827	1610715	INT DISK DRIVE	EXABYTE	8900EXB	60014954	\$5,341.00
G157080	1880940	MAG TAPE	EXABYTE	8705T	8554500	\$1,481.00
G123185	1157037	MAGNETIC TAPE TRANSPORT	EXABYTE	8500	250957N	\$3,776.00
G80910	1158458	Magnetic Tape Transport	EXABYTE	EXB8500ST	1019420	\$3,948.00
G145585	1875051	TAPE STACKER	EXABYTE	EXB480	12700111	\$44,996.00
G161002	1876692	TAPE STACKER	EXABYTE	EXB10H	17503499	\$5,127.00
G80522	802497	TAPE TRANSPORT	EXABYTE	EXB8500	6013860	\$2,650.00
G80528	802494	TAPE TRANSPORT	EXABYTE	EXB8500	6013809	\$2,650.00
G80529	1881507	TAPE TRANSPORT	EXABYTE	EXB8500	A127259	\$2,650.00
G123189	1428229	Tape Transport	EXABYTE CORP	EXB210	11002989	\$8,640.00
G123190	1428228	Tape Transport	EXABYTE CORP	EXB210	11006017	\$8,640.00
G122312	NA	10GB DISK DRIVE	FALCON	ST410800N	SB991804	\$2,050.00
G122313	NA	10GB DISK DRIVE	FALCON	ST410800N	SB995446	\$2,050.00
G122314	NA	9 GB DISK DRIVE	FALCON	NONE	SB995340	\$2,050.00
G122315	NA	9 GB DISK DRIVE	FALCON	NONE	SB992627	\$2,434.85
G122316	NA	9 GB DISK DRIVE	FALCON	ST410800	SB323253	\$2,434.85

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122773	1610716	9GB EXTERNAL DISK DRIVE	FALCON	ST19171N	ULA716498	\$2,380.00
G121830	1263754	CD ROM DRIVE	FALCON	3401B	4360C15334	\$500.00
G121827	1425764	DISK DRIVE	FALCON	SHB05002B	95287480	\$3,947.00
G122057	NONE	DISK DRIVE	FALCON	NONE	62097	\$3,847.00
G122311	NA	DISK DRIVE	FALCON	PAT04031	97210731	\$2,037.75
G122108	1423387	HARD DRIVE	FALCON	SHB050022	94284058	\$2,650.00
G122126	1160313	MAGNETIC TAPE TRANSPORT	FALCON	8500	2508220	\$3,776.00
G122228	1636307	TAPE DRIVE	FALCON	MAILBOX	NONE	\$1,616.00
G122304	NA	6 GBYTE DISK DRIVE W/ ENCL0	FALCON SYSTEMS	105-1	6032827	\$2,299.00
G80960	NA	Disk Drive	FALCON SYSTEMS	SHB050322	95457170	\$2,365.00
G121879	1263766	HARD DRIVE	FALCON SYSTEMS	SHB050022	9429-6853	\$2,650.00
G122954	NA	CABLEMETER	FLUKE	620 LAN	6875964	\$649.50
G122703	38676	DISK DRIVE	FUJITSU	M2954S	50036629	\$1,472.00
G122704	38677	DISK DRIVE	FUJITSU	M2954S	CAU21350058213	\$1,472.00
G122705	38678	DISK DRIVE	FUJITSU	M2954S	CAU21350058115	\$1,472.00
G122706	38679	DISK DRIVE	FUJITSU	M2954S	CAU213500582451	\$1,472.00
G122073	1427275	MONITOR, 19" SUN"	GDM-1862B	9132CY4853	3900	
G122222	1263780	MONITOR, 19" SGI"	GDM20D11	2409857	1242	
G80841	NONE	HARMONIC NETWORK CONNECTORS	SHOMACO	MJA124CRU	NONE	\$41.28
G80842	NONE	HARMONIC NETWORK CONNECTORS	SHOMACO	MJA124CRU	NONE	\$41.28
G157839	1881728	DISK DRIVE	KINGSTON TECH	DS100-54W02	9.91172E + 11	\$1,949.00
G150898	NA	ENCL W INT DRIVE	KINGSTON TECH	DS100S2W	98283H0933	\$761.00
G150899	NA	ENCL W INT DRIVE	KINGSTON TECH	DS100S2W	98210G5497	\$761.00
G150900	NA	ENCL W INT DRIVE	KINGSTON TECH	DS100S2W	98210G5498	\$761.00
G150901	NA	ENCL W INT DRIVE	KINGSTON TECH	DS100S2W	98283H0931	\$761.00
G145615	NA	DISK DRIVE	LACIE	2151ST	17450409	\$333.36
G121781	1257912	DISK DRIVE	MAX OPTIX	TMTIIM	M9002381	\$3,235.00
G121757	1261164	DISK DRIVE	MAXOPTIX	TMTIIM	M9002227	\$3,235.00
G121888	1263781	OPTICAL DISK DRIVE	MAXOPTIX	TMT3-1300	M1302361	\$2,955.00
G121845	1259309	OPTICAL DRIVE	MAXOPTIX	TIMM	M9002861	\$2,898.00
G80950	NONE	DISK DRIVE	MAXOPTIX CORP.	TMTII	M7002670	\$3,064.00
G150935	1612886	DISK DRIVE	MICRONET	SS93300UADO	D800038	\$1,175.00
G150937	1880199	DISK DRIVE	MICRONET	ZZYX-0001	9.84116E + 11	\$1,180.00
G122360	NA	9GB DISK DRIVE	MICROPOLIS	SHB-050321	9623-2818	\$2,455.75
G122068	1430804	DISK DRIVE	MICROPOLIS	TMT3-1300	M1307937	\$3,464.00
G121745	1258691	MONITOR	MITSUBISHI	GDM-20D11	2003818	\$1,560.00
G123011	1158441	TAPE DRIVE	MOUNTAIN	01-30527-01	FSE0420020	\$759.00
G121833	1257415	DISK DRIVE	NATIONAL PERIPHERALS	SNPF33600S	3075958070	\$2,640.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122832	1873203	LAPTOP COMPUTER	NEC	PC 624091803	75002764	\$3,757.00
G157846	NA	dual speed hub	NETGEAR	DS508	DS58A99001641	\$246.62
G158297	NA	ETHERNET SWITCH	NETGEAR	FS102	FS12A97000077	\$124.36
G158298	NA	ETHERNET SWITCH	NETGEAR	FS102	FS12A97000078	\$124.36
G122802	1610734	INT DISK DRIVE	NONE	RSE910P33	SS97280056	\$1,600.00
G122803	1610733	INT DISK DRIVE	NONE	RSE910P33	SS97280058	\$1,600.00
G122806	1610735	INT DISK DRIVE	NONE	RSE910P33	SS97280059	\$1,600.00
G122807	1610796	INT DISK DRIVE	NONE	RSE910P33	SS97280040	\$1,600.00
G122808	1610797	INT DISK DRIVE	NONE	RSE910P33	SS97280041	\$1,600.00
G122809	1610798	INT DISK DRIVE	NONE	RSE910P33	SS97280042	\$1,600.00
G122804	1610799	INT HARD DRIVE	NONE	RSE910P33	SS97290057	\$1,600.00
G122810	NA	SHELL FOR DISK DRIVE	NONE	ESPK1S	SS97220469	\$100.00
G122805	NA	SHELL FOR HD	NONE	ESPK1S	SS97240566	\$100.00
G119897	NA	DISK DRIVE	NSTOR	RSEL0360117A	SS-0049-0224	\$1,142.00
G119898	NA	DISK DRIVE	NSTOR	RSEL0360117A	SS-0049-0223	\$1,142.00
G119906	NA	DISK DRIVE	NSTOR	RSEL-0180117	SS-0052-0872	\$772.00
G119907	NA	DISK DRIVE	NSTOR	RSEL-0180117	SS-0052-0871	\$772.00
G119909	NA	DISK DRIVE	NSTOR	RSEL0360117A	SS01030059	\$1,142.00
G119910	NA	DISK DRIVE	NSTOR	RSEL0360117A	SS01030058	\$1,142.00
G119914	NA	disk drive	NSTOR	RSEL0360/17A	SS01080083	\$1,142.00
G119915	NA	disk drive	NSTOR	RSEL0360/17A	SS01080110	\$1,142.00
G80750	NONE	DISC DRIVE	PANASONIC	1.25MB	NONE	\$63.75
G80751	NONE	DISC DRIVE	PANASONIC	1.25MB	NONE	\$63.75
G122040	1258437	BOOT BOX	PARITY	PS5000	3092804	\$7,257.00
G122075	1258571	BOOT BOX	PARITY	PS5100	3100812	\$3,758.00
G121730	1261220	DISK DRIVE	PARITY	PS5800	403241	\$2,783.00
G121756	1263784	DISK DRIVE	PARITY	PS5800	4090804	\$4,055.00
G122008	1259388	DISK DRIVE	PARITY	PS5800	3122902	\$2,783.00
G122041	1263785	DISK DRIVE	PARITY	PS5800	4090805	\$4,055.00
G122127	1157174	SCSI BOOT BOX	PARITY	50D00M3J	E124542	\$3,183.00
G122150	1263787	SCSI BOOT BOX	PARITY	PS5800	4090807	\$4,055.00
G122155	1258573	SCSI BOOT BOX	PARITY	PS5100	3100613	\$3,758.00
G121707	1258572	DISK DRIVE	PARITY SYSTEMS	PS5100	3100811	\$3,758.00
G121706	1258574	DISK DRIVE UNIT	PARITY SYSTEMS	PS5100	3100610	\$3,758.00
G121708	1263786	DISK DRIVE UNIT	PARITY SYSTEMS	PS5800	4090806	\$4,055.00
G123182	1258576	Disk Drive	PERFORMANCE PERIPH	280	150510	\$798.00
G121886	1263738	OPTICAL HARD DRIVE	PINNACLE	PMO-650	1100-11754	\$2,639.00
G157104	1613132	ROTATIONAL STAGE	POLYTIC	M03706	1319	\$4,335.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G80320	NONE	SOFTWARE	PVI	VERSION 1.0	T08574	\$971.25
G80322	NONE	SOFTWARE	PVI	VER 3.1	T09745	\$14,885.00
G80435	NONE	SOFTWARE DOCUMENT	PVI	VERSION 1.0	T08789	\$3,531.00
G157803	1881169	DLT TAPE DRIVE	QUANTUM	TH6BEYF	CX91001656	\$5,345.00
G157818	1881168	DLT TAPE DRIVE	QUANTUM	TH6BE-YF	CX91001762	\$5,345.00
G121764	G79055	DISK DRIVE	RODIME SYSTEMS	210E	C21003754	\$1,496.00
G121775	G079057	HARD DRIVE, EXTERNAL	RODIME SYSTEMS	210E	C21003771	\$1,496.00
G122138	G078614	HARD DRIVE, EXTERNAL	RODIME SYSTEMS	70E	C07001823	\$868.00
G80870	G079374	DISK DRIVE	RODIME, INC.	COBRA45E	C04000156	\$625.00
G123181	G79373	Disk Drive	RODIME	COBRA 45E	C04000123	\$625.00
G122836	1742108	DISK DRIVE	SEAGATE	CON 19171N	LA009721	\$2,380.00
G145661	NA	DISK DRIVE	SEAGATE	ST19171WC	LAL00955	\$1,631.00
G145675	NA	DISK DRIVE	SEAGATE	NONE	LC341161	\$1,631.00
G145676	NA	DISK DRIVE	SEAGATE	ST423451N	LC344473	\$1,631.00
G145677	NA	DISK DRIVE	SEAGATE	NONE	LAL04122	\$1,631.00
G145678	NA	DISK DRIVE	SEAGATE	ST19171WC	LALD1845	\$1,631.00
G145679	NA	DISK DRIVE	SEAGATE	ST19171WC	LAK98467	\$1,631.00
G148176	NA	DISK DRIVE	SEAGATE	ST423451N	LC344638	\$2,593.00
G157060	NA	disk drive	SEAGATE	ST34573W	LN643754	\$379.00
G122377	NA	DISK DRIVE INTERNAL	SEAGATE	ST410800N	SB964687	\$2,234.64
G122378	NA	DISK DRIVE INTERNAL	SEAGATE	ST410800N	SB965162	\$2,234.64
G122379	NA	DISK DRIVE INTERNAL	SEAGATE	ST410800N	SH360520	\$2,234.64
G157804	NA	DISK DRIVE INTERNAL	SEAGATE	ST34573W	LN674608	\$379.00
G157805	NA	DISK DRIVE INTERNAL	SEAGATE	ST34573W	LN676538	\$379.00
G157806	NA	DISK DRIVE INTERNAL	SEAGATE	ST34573W	LN665570	\$379.00
G157807	NA	DISK DRIVE INTERNAL	SEAGATE	ST34573W	LN676133	\$379.00
G157808	NA	DISK DRIVE INTERNAL	SEAGATE	ST34573W	LN674995	\$379.00
G145600	NA	DISK DRIVE W/ ENCLOSURE	SEAGATE	NONE	NONE	\$713.74
G145601	NA	DISK DRIVE W/ ENCLOSURE	SEAGATE	NONE	NONE	\$713.74
G122373	NA	EXTERNAL 4 GB DRIVE	SEAGATE	XP34300W	MP61952150	\$1,463.00
G122374	NA	EXTERNAL 4 GB DRIVE	SEAGATE	XP34300W	MP61946373	\$1,463.00
G123088	1258705	HARD DRIVE	SEAGATE	NONE	32534	\$3,075.00
G145659	NA	HARD DRIVE	SEAGATE	ST19171WC	LAL01507	\$1,631.00
G145660	NA	HARD DRIVE	SEAGATE	ST19171WC	LAK82311	\$1,631.00
G145680	NA	HARD DRIVE	SEAGATE	ST19171WC	LA808924	\$1,631.00
G123089	801766	HARD DRIVE INTERNAL	SEAGATE	ST2383N	T1521401	\$2,555.00
G157030	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN684352	\$379.00
G157032	NA	INTERNAL DISK DRIVE	SEAGATE	25L1910	AJL6B054	\$379.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G157034	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN686687	\$379.00
G157036	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	AY154622	\$379.00
G157038	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN686007	\$379.00
G157040	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN680078	\$379.00
G167042	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN686196	\$379.00
G157043	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN688089	\$379.00
G157045	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN685607	\$379.00
G157047	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN688067	\$379.00
G157049	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN660819	\$379.00
G157051	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN666375	\$379.00
G157053	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN669172	\$379.00
G157055	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN675143	\$379.00
G157057	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN669296	\$379.00
G157073	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN677028	\$379.00
G157837	NA	INTERNAL DISK DRIVE	SEAGATE	ST118273W	LP645686	\$803.00
G157838	NA	INTERNAL DISK DRIVE	SEAGATE	ST118273W	LP646221	\$803.00
G122059	1259345	DISK DRIVE	SEAGATE	ST43400N	Z31G2071	\$2,600.00
G80955	NA	DISK DRIVE	SEAGATE	2057128ST15230N	K954725	\$1,245.00
G80956	NA	DISK DRIVE	SEAGATE	2057128ST15230N	K954726	\$1,245.00
G80957	NA	DISK DRIVE	SEAGATE	2057128ST15230N	K954727	\$1,245.00
G80958	NA	DISK DRIVE	SEAGATE	2057128ST15230N	K954724	\$1,245.00
G80959	NA	EXTERNAL DISK DRIVE	SEAGATE	2057128ST15230N	K954723	\$1,245.00
G119948	2009191	CPU	SGI	ORIGIN 200	B90DA321	\$20,443.00
G122408	1431846	CPU	SGI	CMNB007BF195	0800690A9EB6	\$23,849.00
G122411	1432232	CPU	SGI	CMNB008T150	0800690A5427	\$5,446.00
G122415	1432220	CPU	SGI	CMNB008T150	0800690A5428	\$7,048.00
G122463	1432332	CPU	SGI	CMNB007BF195	0800690A812F	\$22,646.00
G122481	1432346	CPU	SGI	CMNB006T150	0800690A5558	\$9,046.00
G122488	1432351	CPU	SGI	CMNB006T150	0800690A51B17	\$9,046.00
G122489	1432350	CPU	SGI	CMNB006T150	0800690A5F5F	\$9,046.00
G122496	1432345	CPU	SGI	CMNB006T150	0800690A552A	\$11,046.00
G122501	1432344	CPU	SGI	CMNB008T150	0800690A5429	\$11,046.00
G122509	1432352	CPU	SGI	CMNB006T150	0800690A5B16	\$9,046.00
G122524	1432355	CPU	SGI	CMNB006T150	0800690A5528	\$11,046.00
G122531	1432349	CPU	SGI	CMNB006T150	0800690A5529	\$11,046.00
G122551	1432338	CPU	SGI	CMNB007Y125	0800690AA117	\$14,646.00
G122554	1432339	CPU	SGI	CMNB007Y125	0800690AA118	\$14,646.00
G122557	1432340	CPU	SGI	CMNB007Y125	0800690AA118	\$14,646.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122572	1432333	CPU	SGI	CMNB007AF195	0800690A61F0	\$15,848.00
G122575	1432334	CPU	SGI	CMNB007BF195	0800690A9FFB	\$15,848.00
G122808	1284458	cpu	SGI	CMNB007Y75	80069076536	\$53,116.00
G122820	1742931	CPU	SGI	CMNB015ANF195	080069A2F43	\$18,446.00
G122852	1873114	CPU	SGI	CMNB015ANF195	0800690A4941	\$29,548.00
G122935	1284462	CPU	SGI	CMNB006	80069080	\$13,309.00
G80632	1428704	CPU	SGI	CMNB006	800690	\$7,120.00
G80636	1428702	CPU	SGI	CMNB006	0800690A086C	\$7,120.00
G80640	1428686	CPU	SGI	CMNB006	0800690A058B	\$7,120.00
G80644	1428700	CPU	SGI	CMNB006	800690	\$7,120.00
G80982	1428712	CPU	SGI	CMNB007Y125	0800690A1653	\$32,918.00
G80989	1428710	CPU	SGI	CMNB006	0800690A0195	\$7,120.00
G80993	1428706	CPU	SGI	CMNB006	800690	\$7,120.00
G149080	1877082	CPU MINI COMPUTER	SGI	CMNB015ANF250	0800690BE17D	\$24,964.00
G157834	1880943	CPU W KB AND MOUSE	SGI	CMNB014ANF250	0800690E78EE	\$12,316.00
G118927	2009902	CPU W KB, MOUSE, SPEAKERS	SGI	CMNB015ANG400	0800691372F9	\$23,091.00
G157826	1880942	cpu w mouse	SGI	CMNB014ANF250	0800690E7C3B	\$12,316.00
G158886	1885150	CPU W/ KB/MOUSE	SGI	CMNB015ANG270	80069135070	\$11,385.00
G158891	1885134	CPU W/ KB/MOUSE	SGI	CMNB015ANG270	0800691351BF	\$11,385.00
G118929	2009903	CPU W/KB, MOUSE, SPEAKERS	SGI	CMNB015ANG400	08006913735B	\$23,091.00
G158273	1428694	cpu w/monitor, kb, mouse	SGI	NONE	0800690A0589	\$12,000.00
G158275	1423810	CPU W/MONITOR, KB, MOUSE	SGI	CMNB006Y66	80069088868	\$12,116.00
G158276	1423811	CPU W/MONITOR, KB, MOUSE	SGI	CMNB006Y66	080069088F89	\$12,116.00
G149106	1877087	CPU WORKSATION	SGI	CMNB014ANT200	08006905D143	\$5,996.00
G122466	1432331	DESKSIDE SERVER	SGI	CMNA011	S49721	\$55,497.00
G148174	1876920	DISK DRIVE W/ ENCLOSURE	SGI	NONE	NONE	\$2,593.00
G148175	1876920	DISK DRIVE W/ ENCLOSURE	SGI	NONE	NONE	\$2,593.00
G148178	1876919	DISK DRIVE W/ ENCLOSURE	SGI	NA	NA	\$2,593.00
G123091	801495	INTERNAL HARD DRIVE	SGI	FD235HF	8943782	\$365.00
G122409	NA	KEYBOARD	SGI	RT6856T	51661893	\$100.00
G122414	NA	KEYBOARD	SGI	RT6856T	51880483	\$100.00
G122418	NA	KEYBOARD	SGI	RT6856T	51880457	\$100.00
G122464	NA	KEYBOARD	SGI	RT6856T	51860817	\$100.00
G122480	NA	KEYBOARD	SGI	RT6856T	51861045	\$100.00
G122484	NA	KEYBOARD	SGI	RT68567	51662439	\$100.00
G122487	NA	KEYBOARD	SGI	RT6856T	51862380	\$100.00
G122492	NA	KEYBOARD	SGI	RT6856T	51861043	\$100.00
G122495	NA	KEYBOARD	SGI	RT6856T	51863349	\$100.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122500	NA	KEYBOARD	SGI	RT6856T	51860649	\$100.00
G122504	NA	KEYBOARD	SGI	RT6856T	51860989	\$100.00
G122508	NA	KEYBOARD	SGI	RT6856T	51863844	\$100.00
G122512	NA	KEYBOARD	SGI	RT6856T	51863433	\$100.00
G122523	NA	KEYBOARD	SGI	RT6856T	51860417	\$100.00
G122527	NA	KEYBOARD	SGI	RT6856T	51860214	\$100.00
G122530	NA	KEYBOARD	SGI	RT6856T	51861119	\$100.00
G122553	NA	KEYBOARD	SGI	RT6856T	51862776	\$100.00
G122556	NA	KEYBOARD	SGI	RT6856T	51862689	\$100.00
G122558	NA	KEYBOARD	SGI	RT6856T	51863400	\$100.00
G122573	NA	KEYBOARD	SGI	RT6856T	51860410	\$100.00
G122608	NA	KEYBOARD	SGI	AT 101	9570	\$100.00
G122815	NA	KEYBOARD	SGI	RT6856T	Z1770619	\$75.00
G122855	NA	KEYBOARD	SGI	RT6856T	32870569	\$100.00
G122933	NONE	KEYBOARD	SGI	AT + 101	10115	\$100.00
G122976	NA	KEYBOARD	SGI	RT6856T	22170408	\$100.00
G122977	NA	KEYBOARD	SGI	RT6856T	22170412	\$100.00
G145583	NA	KEYBOARD	SGI	RT6856T	32471994	\$100.00
G149101	NA	KEYBOARD	SGI	RT6856T	10680802	\$100.00
G149103	NA	KEYBOARD	SGI	RT6856T	10680800	\$100.00
G149105	NA	KEYBOARD	SGI	RT6856T	10680801	\$100.00
G157077	NA	KEYBOARD	SGI	RT6856T	B22681431	\$50.00
G80628	NA	KEYBOARD	SGI	9500829	11398	\$100.00
G80629	NA	KEYBOARD	SGI	9500900	30763	\$100.00
G80633	NA	KEYBOARD	SGI	9500900	86793	\$100.00
G80637	NA	KEYBOARD	SGI	9500900	53283	\$100.00
G80641	NA	KEYBOARD	SGI	9500900	72993	\$100.00
G80984	NA	KEYBOARD	SGI	9500900	84662	\$100.00
G80986	NA	KEYBOARD	SGI	9500900	53295	\$100.00
G80990	NA	KEYBOARD	SGI	AT 101	30855	\$100.00
G80996	NA	KEYBOARD	SGI	AT 101	80368	\$100.00
G81000	NA	KEYBOARD	SGI	9500900	30748	\$100.00
G122974	1874690	MINI COMPUTER	SGI	CMNB014ANT180	0800690C7BF5	\$5,996.00
G122979	1874689	MINI COMPUTER	SGI	CMNB014ANT180	08006902C9EB	\$5,996.00
G145578	1874720	MINI COMPUTER	SGI	CMNA018	69053F11	\$14,036.00
G145579	1874679	MINI COMPUTER	SGI	CMNB015ANF175	0800690B8932	\$18,198.00
G80623	1259182	MINI COMPUTER	SGI	CMNB007	080069075D1B	\$20,215.00
G119928	2008900	MONITOR	SGI	GDM5411 0	2415855	\$1,800.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G119930	2009901	MONITOR	SGI	GDM5411	2415658	\$1,800.00
G122404	1432240	MONITOR	SGI	GDM20E21	2027418	\$1,200.00
G122405	1431845	MONITOR	SGI	GDM20E21	2029518	\$1,800.00
G122454	1432238	MONITOR	SGI	GDM20E21	2027785	\$1,200.00
G122460	1432356	MONITOR	SGI	GDM20E21	2021589	\$1,200.00
G122487	1432361	MONITOR	SGI	GDM20E21	2021601	\$1,200.00
G122488	1432358	MONITOR	SGI	GDM20E21	2021603	\$1,200.00
G122489	1432359	MONITOR	SGI	GDM20E21	2021604	\$1,200.00
G122470	2009597	MONITOR	SGI	GDM20E21	2052277	\$1,200.00
G122471	1432363	MONITOR	SGI	GDM20E21	2024712	\$1,200.00
G122472	1432362	MONITOR	SGI	GDM20E21	2024708	\$1,200.00
G122473	1432360	MONITOR	SGI	GDM20E21	2021602	\$1,200.00
G122474	1432367	MONITOR	SGI	GDM20E21	2029586	\$1,200.00
G122475	1432364	MONITOR	SGI	GDM20E21	2024711	\$1,200.00
G122478	1432365	MONITOR	SGI	GDM20E21	2029588	\$1,200.00
G122548	1432357	MONITOR	SGI	GDM20E21	2041669	\$1,200.00
G122547	1432335	MONITOR	SGI	GDM20E21	2021588	\$1,200.00
G122548	1881842	MONITOR	SGI	GDM20E21	2093020	\$1,200.00
G122549	1432341	MONITOR	SGI	GDM20E21	2021600	\$1,200.00
G122550	1739295	MONITOR	SGI	GDM20E20	9632612222	\$1,200.00
G122560	1432343	MONITOR	SGI	GDM20E21	2021597	\$1,200.00
G122571	1432336	MONITOR	SGI	GDM20E21	2021596	\$1,200.00
G122604	1432337	MONITOR	SGI	GDM20E21	2021599	\$1,800.00
G122605	1424127	MONITOR	SGI	GDM20D11	2420578	\$1,800.00
G122821	1742932	MONITOR	SGI	GDM20E21	2054382	\$1,800.00
G122851	1873115	MONITOR	SGI	GDM20E21 5	2075889	\$1,800.00
G122972	1874678	MONITOR	SGI	GDM20E21	2084904	\$1,800.00
G122978	1874693	MONITOR	SGI	GDM20E21	2074185	\$1,000.00
G145584	1874692	MONITOR	SGI	GDM20E21	2074193	\$1,000.00
G149082	1877085	MONITOR	SGI	GDM4011P	7006283	\$2,000.00
G149083	1877084	MONITOR	SGI	GDM4011P	7006282	\$2,000.00
G149084	1877083	MONITOR	SGI	GDM4011P	7006284	\$2,000.00
G157825	1881839	MONITOR	SGI	GDM5011P	2002189	\$1,800.00
G157833	1881838	MONITOR	SGI	GDM5011P	2006455	\$1,800.00
G158272	1428695	monitor	SGI	GDM20E21	2001529	\$2,000.00
G158884	1885152	MONITOR	SGI	GDM5411	2408575	\$1,800.00
G158885	1885151	MONITOR	SGI	GDM5411	2407574	\$1,800.00
G80645	1428711	MONITOR	SGI	GDM20E21	2001724	\$1,800.00

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1. Science Computing Mission Critical Systems

G80646	1428713	MONITOR	SGI	GDM20E21	2001789	\$1,800.00
G80647	1428697	MONITOR	SGI	GDM20E21	2001479	\$1,800.00
G80648	1428699	MONITOR	SGI	GDM20E21	2001237	\$1,800.00
G80649	1428705	MONITOR	SGI	GDM20E21	2001542	\$1,800.00
G80650	1428703	MONITOR	SGI	GDM20E21	2001777	\$1,800.00
G80651	1428701	MONITOR	SGI	GDM20E21	2001932	\$1,800.00
G80663	1428707	MONITOR	SGI	GDM20E21	2001828	\$1,800.00
G122410	NA	MOUSE	SGI	630009001	C62101331	\$50.00
G122413	NA	MOUSE	SGI	630009001	123897	\$50.00
G122416	NA	MOUSE	SGI	630009001	7848	\$50.00
G122465	NA	MOUSE	SGI	630009001	16238	\$50.00
G122479	NA	MOUSE	SGI	630009001	7213	\$50.00
G122482	NA	MOUSE	SGI	630009001	7261	\$50.00
G122488	NA	MOUSE	SGI	630009001	8568	\$50.00
G122490	NA	MOUSE	SGI	630009001	17115	\$50.00
G122494	NA	MOUSE	SGI	630009001	7710	\$50.00
G122489	NA	MOUSE	SGI	630009001	7298	\$50.00
G122503	NA	MOUSE	SGI	630009001	7216	\$50.00
G122507	NA	MOUSE	SGI	630009001	C82401158	\$50.00
G122511	NA	MOUSE	SGI	630009001	6548	\$50.00
G122522	NA	MOUSE	SGI	630009001	7984	\$50.00
G122526	NA	MOUSE	SGI	630009001	17153	\$50.00
G122529	NA	MOUSE	SGI	630009001	7265	\$50.00
G122652	NA	MOUSE	SGI	630009001	16818	\$50.00
G122555	NA	MOUSE	SGI	630009001	16822	\$50.00
G122559	NA	MOUSE	SGI	630009001	6044	\$50.00
G122574	NA	MOUSE	SGI	630009001	6026	\$50.00
G122783	NA	MOUSE	SGI	630009001	C61802277	\$50.00
G122816	NA	MOUSE	SGI	630009001	85851	\$50.00
G122854	NA	MOUSE	SGI	630009001	81717	\$50.00
G122932	NONE	MOUSE	SGI	630001001	10376	\$50.00
G122875	NA	MOUSE	SGI	630009001	17287	\$50.00
G122980	NA	MOUSE	SGI	630009001	17281	\$50.00
G145580	NA	MOUSE	SGI	630009001	30386	\$50.00
G149102	NA	MOUSE	SGI	630009001	66983	\$50.00
G149104	NA	MOUSE	SGI	630009001	67342	\$50.00
G157078	NA	MOUSE	SGI	630009001	71194	\$50.00
G149107	1877086	O/S 2 CPU	SGI	GMNB014ANT200	080069050120	\$5,998.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122018	1156905	19 MONITOR"	SILICON GRAPHICS	HL7965KW5G	205004810	\$1,500.00
G122045	1424863	19 MONITOR"	SILICON GRAPHICS	GDM20011	2020093	\$1,800.00
G121766	1259396	CPU	SILICON GRAPHICS	CMNB006	80069077089	\$17,095.00
G80574	NONE	CPU	SILICON GRAPHICS	W24A1-1G32	080069079F86	\$12,093.00
G122221	1283779	CPU INDY	SILICON GRAPHICS	CMB0006	880069079FF0	\$9,517.00
G122296	801467	DISK DRIVE	SILICON GRAPHICS	FD235HF	340028117D	\$385.00
G122042	1259180	INDIGO 2 CPU	SILICON GRAPHICS	CMMB007	08006907F10E	\$30,398.00
G121743	NA	KEYBOARD	SILICON GRAPHICS	9500829	NONE	\$100.00
G121767	NA	KEYBOARD	SILICON GRAPHICS	9500829	11645	\$100.00
G122047	NA	KEYBOARD	SILICON GRAPHICS	6511-BN	99P438102108C	\$100.00
G122124	NA	KEYBOARD	SILICON GRAPHICS	NONE	207261	\$100.00
G122224	NA	KEYBOARD	SILICON GRAPHICS	AT101	2854	\$100.00
G121742	1258690	MICRO COMPUTER	SILICON GRAPHICS	CMNB007	080069075A37	\$23,645.00
G121769	1263790	MONITOR	SILICON GRAPHICS	GDM20D11	2022347	\$1,800.00
G122121	NONE	MOUSE	SILICON GRAPHICS	NONE	321334	\$50.00
G122225	NONE	MOUSE	SILICON GRAPHICS	S100	615088	\$50.00
G122130	1158906	SUPER COMPUTER (SERVER)	SILICON GRAPHICS	CMNA008	S23660	\$31,902.00
G122876	NA	TIGER SWITCH	SMC	NONE	K152202950501300000	\$1,045.00
G122877	NA	TIGER SWITCH	SMC	NONE	K152202973501300000	\$1,045.00
G158312	NA	tiger switch	SMC	SMC6924M	T194300251	\$1,128.00
G158313	NA	tiger switch	SMC	SMC6924M	T194300252	\$1,128.00
G161006	NA	TIGERSWITCH	SMC	SMC6924M	T100500030	\$1,234.67
G119945	1636771	TAPE DRIVE	SONY	NONE	NONE	\$3,762.00
G80624	1259183	DISPLAY UNIT	SONY CORP	GDM20E21	2045585	\$1,800.00
G122822	NA	DISK DRIVE SHELL	STORNET	SHB070422	96447834	\$201.00
G122823	NA	DISK DRIVE SHELL	STORNET	SHB070422	96447835	\$201.00
G122824	NA	DISK DRIVE SHELL	STORNET	SHB070422	96447827	\$201.00
G122825	NA	DISK DRIVE SHELL	STORNET	SHB070422	96447842	\$201.00
G122157	NONE	19 MONITOR"	SUN	GDM1962B	9243DX1127	\$600.00
G122098	1091096	8MM CASSETTE DRIVE	SUN	603900801	144L0199	\$2,546.00
G121844	1088688	CD ROM DRIVE	SUN	585192905	135G3699	\$788.00
G122176	1157803	CD ROM DRIVE	SUN	411	231G3072	\$776.00
G80464	1088957	CD ROM DRIVE	SUN	411	138G3617	\$786.00
G121888	1160032	COMPUTER	SUN	144	303F1292	\$7,913.00
G122729	1742551	COMPUTER MICRO	SUN	E3001X	713F0508	\$40,084.00
G118965	2008403	CPU	SUN	600607302	TW02337786	\$5,143.00
G118983	1885630	CPU	SUN	600605702	FW02530533	\$4,181.00
G118985	1885636	CPU	SUN	600605702	FW02440003	\$4,181.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G119988	1885831	CPU	SUN	600605702	FW02530530	\$4,181.00
G122513	1739287	CPU	SUN	544	637F183C	\$4,421.00
G122514	1739288	CPU	SUN	544	637F1732	\$13,237.00
G122515	1739298	CPU	SUN	600394201	637F1517	\$13,237.00
G122516	1739299	cpu	SUN	600394201	637F1348	\$13,237.00
G122517	1739297	cpu	SUN	600394201	637F1344	\$13,237.00
G122518	1739300	CPU	SUN	600394201	637F133F	\$13,237.00
G122519	1739301	CPU	SUN	600394201	637F19D5	\$13,237.00
G122973	1874857	CPU	SUN	544	737C1243	\$2,621.00
G122985	1874856	CPU	SUN	544	737C1240	\$2,621.00
G123018	1088923	CPU	SUN	147B	134F3111	\$14,731.00
G123035	1091229	CPU	SUN	147B	204F1688	\$12,086.00
G123108	1160031	CPU	SUN	144	303F1371	\$7,913.00
G145620	1428714	CPU	SUN	600379602	613F149A	\$10,298.00
G145682	1876847	CPU	SUN	ULTRA 60	812FC027	\$18,768.47
G145668	1876859	CPU	SUN	A16	812FC826	\$8,696.00
G145684	1876850	CPU	SUN	A16	812FC20F	\$8,696.00
G145692	1876860	CPU	SUN	A16	812FC825	\$8,696.00
G148188	1876861	CPU	SUN	NA 1	812FC869	\$8,696.00
G149862	1879159	CPU	SUN	A22	FW83410633	\$5,359.00
G150875	1879158	CPU	SUN	A22	FW83340497	\$5,359.00
G150915	NA	CPU	SUN	ULTRA 10	PR88008658	\$4,964.00
G150919	NA	CPU	SUN	ULTRA 10	PR88008858	\$4,964.00
G157084	1881481	CPU	SUN	A22	FW92010165	\$4,227.00
G157099	1880543	CPU	SUN	A22	FW90850733	\$5,017.00
G157786	1882283	cpu	SUN	A22	FW93130467	\$4,227.00
G157877	1880544	CPU	SUN	A22	FW90650748	\$5,017.00
G157885	1880545	CPU	SUN	A22	FW90720555	\$4,867.00
G157888	1880542	CPU	SUN	A22	FW90650753	\$4,867.00
G158303	1885634	CPU	SUN	600605702	FW02530507	\$4,181.00
G158870	1885644	CPU	SUN	600605702	FW02520171	\$4,181.00
G158871	1885640	CPU	SUN	600605702	FW02520229	\$4,181.00
G158872	1885641	CPU	SUN	600605702	FW02520174	\$4,181.00
G80654	1428728	CPU	SUN	800379602	813F1A9A	\$10,148.00
G80657	1428734	CPU	SUN	800379602	613F1495	\$10,148.00
G80660	1428736	CPU	SUN	800380902	613F144C	\$10,148.00
G80663	1428732	CPU	SUN	800379602	613F13F8	\$10,148.00
G80667	1428730	cpu	SUN	600379602	613F13F2	\$10,148.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G80885	1428688	CPU	SUN	CMNB006	0800690A0199	\$7,120.00
G149081	1877090	CPU MINI COMPUTER	SUN	A12170	812FC926	\$4,838.00
G149108	1877092	CPU MINICOMPUTER	SUN	A12170	812FC753	\$4,838.00
G149109	1877091	CPU MINICOMPUTER	SUN	A12170	812FC901	\$4,838.00
G157108	1880540	CPU W KB AND MOUSE	SUN	A25	905H3DE6	\$35,004.00
G157817	1881088	CPU W KB AND MOUSEE	SUN	A22	FW90820426	\$4,090.00
G158309	1885642	CPU W/ KB & MOUSE	SUN	600605702	FW02520172	\$4,181.00
G157852	1880546	CPU W/ KBA	SUN	A22	FW90720556	\$5,017.00
G119968	2008401	CPU W/KB AND MOUSE	SUN	600607302	TW02337946	\$5,143.00
G119939	1885832	CPU W/KB&MOUSE	SUN	600605702	FW02520178	\$4,181.00
G119941	1885835	CPU W/KB&MOUSE	SUN	600605702	FW02530510	\$4,181.00
G119944	1885833	CPU W/KB&MOUSE	SUN	600605702	FW02530525	\$4,181.00
G123016	1090763	CPU-SERVER, SPARE	SUN	547	202K0315	\$11,813.00
G122161	1088920	DISK DRIVE	SUN	NONE	138G3855	\$796.00
G123047	1091057	DISK DRIVE	SUN	571	204L0140	\$2,546.00
G80368	1091054	DISK DRIVE UNIT	SUN	571*	203L0074	\$2,546.00
G80381	1091108	DISK DRIVE UNIT	SUN	571*	206L0008	\$2,546.00
G157787	1882285	DISK MULTIPACK	SUN	911	928C4468	\$3,840.00
G80354	1088956	DISPLAY DRIVE UNIT	SUN	411	138G3484	\$796.00
G122715	1428721	DISPLAY UNIT	SUN	GDM20E20	9548G11146	\$1,800.00
G80797	1422706	DISPLAY UNIT	SUN	GDM1962	9107CV1424	\$800.00
G80849	NA	E3 Power Supply SAISUN02	SUN	PEX89031	883823E1067	\$1,206.00
G119968	NA	KEYBOARD	SUN	KB9970	9L21205159B	\$50.00
G119977	NA	KEYBOARD	SUN	TYPE 6	12298077	\$50.00
G119979	NA	KEYBOARD	SUN	TYPE 6	12297966	\$50.00
G119982	NA	KEYBOARD	SUN	TYPE 6	8278037	\$50.00
G121711	NA	KEYBOARD	SUN	3201072	94221182211	\$100.00
G121871	NA	KEYBOARD	SUN	TYPE 5	3201072-01	\$100.00
G121889	NA	KEYBOARD	SUN	TYPE 5	3201072-01	\$100.00
G121913	NA	KEYBOARD	SUN	TYPE 5	0039147-9233033532	\$100.00
G121821	NA	keyboard	SUN	TYPE 4	0011219-9202000983	\$100.00
G121974	NA	KEYBOARD	SUN	TYPE 5	9231027438	\$100.00
G122071	NA	KEYBOARD	SUN	TYPE 4	9120004404	\$100.00
G122145	NA	KEYBOARD	SUN	TYPE 5	8241055218	\$100.00
G122249	NA	KEYBOARD	SUN	TYPE 5	8225015228	\$100.00
G122262	NA	KEYBOARD	SUN	TYPE 4	9018005294	\$100.00
G122532	NA	KEYBOARD	SUN	TYPE 5C	9629417462	\$100.00
G122534	NA	KEYBOARD	SUN	TYPE 5C	9629417718	\$100.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122538	NA	keyboard	SUN	TYPE 5C	8629417868	\$100.00
G122538	NA	KEYBOARD	SUN	TYPE 5C	8629417894	\$100.00
G122540	NA	KEYBOARD	SUN	TYPE 5C	8629417839	\$100.00
G122544	NA	KEYBOARD	SUN	TYPE 5C	8629417703	\$100.00
G122717	NA	KEYBOARD	SUN	TYPE 5C	8802319691	\$100.00
G122881	NA	KEYBOARD	SUN	TYPE 5C	8724810322	\$100.00
G122983	NA	KEYBOARD	SUN	TYPE 5C	8724810324	\$100.00
G123036	NA	KEYBOARD	SUN	TYPE 4	8202000738	\$100.00
G145622	NA	KEYBOARD	SUN	TYPE 5C	8629417761	\$100.00
G145656	NA	KEYBOARD	SUN	TYPE 5C	8802743147	\$100.00
G145663	NA	KEYBOARD	SUN	TYPE 5C	8807762556	\$100.00
G145673	NA	KEYBOARD	SUN	TYPE 5C	8807762644	\$100.00
G145687	NA	KEYBOARD	SUN	TYPE 5C	8807784767	\$100.00
G148190	NA	KEYBOARD	SUN	TYPE 5C	8802784772	\$100.00
G148193	NA	KEYBOARD	SUN	TYPE 5C	8807762523	\$100.00
G149089	NA	KEYBOARD	SUN	TYPE 5C	8802745191	\$100.00
G149091	NA	KEYBOARD	SUN	TYPE 5C	8802745237	\$100.00
G149093	NA	KEYBOARD	SUN	TYPE 5C	8802745238	\$100.00
G149859	NA	KEYBOARD	SUN	TYPE 5C	8821838944	\$100.00
G149883	NONE	KEYBOARD	SUN	TYPE 5C	8822845953	\$100.00
G150913	NA	KEYBOARD	SUN	TYPE 5C	8829899434	\$100.00
G150917	NA	KEYBOARD	SUN	TYPE 5C	8829901316	\$100.00
G157085	NA	KEYBOARD	SUN	5C	8904001982	\$50.00
G157878	NA	KEYBOARD	SUN	TYPE 5C	8844952088	\$100.00
G157881	NA	KEYBOARD	SUN	TYPE 5C	8844952102	\$50.00
G157893	NA	KEYBOARD	SUN	TYPE 5C	8844948958	\$100.00
G80655	NA	KEYBOARD	SUN	TYPE 5C	8826873814	\$100.00
G80658	NA	KEYBOARD	SUN	TYPE 5C	8602319645	\$100.00
G80664	NA	KEYBOARD	SUN	TYPE 5C	9449088648	\$100.00
G80668	NA	KEYBOARD	SUN	TYPE 5C	8452108877	\$100.00
G80967	NA	KEYBOARD	SUN	TYPE 5	8240048938	\$100.00
G122714	1428720	MINI SUN COMPUTER	SUN	A11-140	813F1494	\$10,148.00
G119916	NA	MONITOR	SUN	385139901	S0046LB0822	\$1,098.00
G119924	1885706	MONITOR	SUN	385-1399-01	0012LB1508	\$1,258.00
G119935	1885707	MONITOR	SUN	385139901	0012LB1529	\$1,258.00
G119938	1885712	MONITOR	SUN	385139901	0012LB1519	\$1,258.00
G119938	1885715	MONITOR	SUN	385139901	0012LB1518	\$1,258.00
G119940	1885711	MONITOR	SUN	385139901	0012LB1520	\$1,258.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G119942	1885716	MONITOR	SUN	365139901	0012LB1489	\$1,256.00
G119943	1885709	MONITOR	SUN	365139901	0012LB1521	\$1,256.00
G121701	1263791	MONITOR	SUN	GDM1962B	9042CV0250	\$400.00
G121843	1088593	MONITOR	SUN	GDM-1962B	9119CY3424	\$3,900.00
G121891	1879165	MONITOR	SUN	GDM1962B	9230DX0270	\$3,900.00
G121915	1158875	MONITOR	SUN	GDM-1962B	9245DX0516	\$3,900.00
G121970	1158873	MONITOR	SUN	GDM-1962B	9245DX0518	\$3,900.00
G121976	1158882	MONITOR	SUN	GDM-1962B	9247DX1503	\$3,900.00
G122456	1739303	MONITOR	SUN	GDM20E20	9632GI2217	\$1,200.00
G122457	1739305	MONITOR	SUN	GDM20E20	9632GI2216	\$1,200.00
G122458	1739302	MONITOR	SUN	GDM20E20	9632GI2211	\$1,200.00
G122459	1739294	MONITOR	SUN	GDM20E20	9632GI2221	\$1,200.00
G122461	1880707	MONITOR	SUN	GDM20E20	9546GI2788	\$1,200.00
G122462	1739296	MONITOR	SUN	GDM20E20	9632GI2215	\$1,200.00
G122969	1874859	MONITOR	SUN	GDM20E20	9732G16148	\$1,800.00
G122971	1874858	MONITOR	SUN	GDM20E20	9732G16151	\$1,800.00
G123005	1091062	MONITOR	SUN	GDM-1962B	9125DN1465	\$930.00
G123021	1088924	MONITOR	SUN	GDM-1962B	9122CY1995	\$600.00
G123147	1158874	MONITOR	SUN	GDM1962B	9222DX0220	\$3,900.00
G145621	1428715	MONITOR	SUN	GDM20E20	9548GI1151	\$1,800.00
G145655	1876864	MONITOR	SUN	GDM90W10	9746KA0059	\$3,000.00
G145665	1876851	MONITOR	SUN	GDM-90W10	9732KA0073	\$3,000.00
G145674	1876863	MONITOR	SUN	GDM90W10	9746KA0040	\$3,000.00
G145685	1876862	MONITOR	SUN	GDM-90W10	9745KA0027	\$3,000.00
G148191	1876853	MONITOR	SUN	N/A	9745KA0145	\$3,000.00
G148194	NA	MONITOR	SUN	GDM90W10	9745KA0012	\$3,000.00
G149110	1877093	MONITOR	SUN	GDM20E20	9808GI2078	\$1,800.00
G149111	1884058	MONITOR	SUN	3651335	9611GI2675	\$1,800.00
G149112	1877095	MONITOR	SUN	GDM20E20	9808GI1182	\$1,800.00
G149960	1879163	MONITOR	SUN	GDM5010PT	365138301	\$1,279.00
G149965	1879162	MONITOR	SUN	GDM5010PT	9830KN0323	\$1,279.00
G150914	NA	MONITOR	SUN	CM751U	9834KE1451	\$727.00
G150920	NA	MONITOR	SUN	CM751U	9834KE1456	\$727.00
G157082	1881482	MONITOR	SUN	GDM5010PT	9917KN6132	\$1,385.00
G157098	1880550	MONITOR	SUN	447P	9848KC1038	\$648.00
G157785	1882284	MONITOR	SUN	GDM5010PT	9929KN0030	\$1,385.00
G157819	1880551	MONITOR	SUN	447P	9847KC1312	\$646.00
G157832	1880541	MONITOR	SUN	447P	9848KC1042	\$646.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G157847	NA	MONITOR	SUN	GDM5010PT	9934KH4937	\$1,025.05
G157849	1880547	MONITOR	SUN	CM751U	9842KE1506	\$1,001.00
G157851	NA	MONITOR	SUN	X7121A	9934KH4221	\$1,025.05
G157880	NA	MONITOR	SUN	CM751U	9842KE1712	\$1,001.00
G157882	1881074	MONITOR	SUN	CM751U	9844KE2921	\$628.00
G157887	1880549	MONITOR	SUN	CM751U	9842KE1706	\$1,001.00
G158306	1885705	MONITOR	SUN	365139901	0012LB1524	\$1,256.00
G158308	1885710	MONITOR	SUN	365139901	0012LB1522	\$1,256.00
G80349	1428000	MONITOR	SUN	GDM1962B	9215DX0844	\$600.00
G80670	1428737	MONITOR	SUN	GDM20E20	9548G11150	\$1,800.00
G80671	1428735	MONITOR	SUN	GDM20E20	9548G11099	\$1,800.00
G80672	1428733	MONITOR	SUN	GDM20E20	9548G11153	\$1,800.00
G80673	1428729	MONITOR	SUN	GDM20E20	9548G11152	\$1,800.00
G80674	1428731	MONITOR	SUN	GDM20E20	9546G12239	\$1,800.00
G80965	2008629	MONITOR	SUN	GDM20020	9551G10195	\$3,900.00
G119978	NA	MOUSE	SUN	370363102	0479444M04C	\$50.00
G119980	NA	MOUSE	SUN	370363102	0478464M04C	\$50.00
G119981	NA	MOUSE	SUN	370363102	9203778M	\$50.00
G121872	NONE	MOUSE	SUN	4011620350	MSCE0037356	\$50.00
G121914	NONE	MOUSE	SUN	M4	MSCEN056873	\$50.00
G122533	NA	MOUSE	SUN	COMPACT 1	LZB63002977	\$50.00
G122535	NA	MOUSE	SUN	COMPACT 1	LZB63002912	\$50.00
G122537	NA	mouse	SUN	COMPACT 1	LZB63002982	\$100.00
G122539	NA	MOUSE	SUN	COMPACT 1	LZB63002120	\$50.00
G122541	NA	MOUSE	SUN	COMPACT 1	LZB63000287	\$50.00
G122543	NA	MOUSE	SUN	COMPACT 1	LZB63002978	\$50.00
G122545	NA	MOUSE	SUN	COMPACT 1	LZB63002996	\$50.00
G122718	NA	MOUSE	SUN	COMPACT 1	LTC54317819	\$100.00
G122787	NA	MOUSE	SUN	M4	MSCEB027950	\$50.00
G122795	NA	MOUSE	SUN	M4	MSCEF021815	\$50.00
G122982	NA	MOUSE	SUN	COMPACT 1	LZA72755171	\$50.00
G122984	NA	MOUSE	SUN	COMPACT 1	LZA72754546	\$50.00
G123037	NONE	MOUSE	SUN	M4	MSCEB040580	\$50.00
G145623	NA	MOUSE	SUN	COMPACT 1	LZB63002809	\$50.00
G145664	NA	MOUSE	SUN	COMPACT 1	LZA80303864	\$50.00
G145672	NA	MOUSE	SUN	COMPACT 1	LZA80304383	\$50.00
G145686	NA	MOUSE	SUN	COMPACT 1	LZA80304329	\$50.00
G148189	NA	MOUSE	SUN	COMPACT 1	LZA80304365	\$50.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G148192	NA	MOUSE	SUN	COMPACT 1	LZA80303834	\$50.00
G149090	NA	MOUSE	SUN	COMPACT 1	LZA74505553	\$50.00
G149092	NA	MOUSE	SUN	COMPACT 1	LZA74505308	\$50.00
G149094	NA	MOUSE	SUN	COMPACT 1	LZA74505585	\$50.00
G149961	NA	MOUSE	SUN	COMPACT 1	370158603	\$50.00
G149964	NONE	MOUSE	SUN	COMPACT 1	LZA82550229	\$50.00
G150916	NA	MOUSE	SUN	COMPACT I	LZA83654707	\$50.00
G150918	NA	MOUSE	SUN	COMPACT I	LZA83654708	\$50.00
G157083	NA	MOUSE	SUN	COMPACT I	LZB911023003	\$50.00
G157879	NA	MOUSE	SUN	COMPACT I	LZA84950309	\$50.00
G157884	NA	MOUSE	SUN	COMPACT 1	LZA84850016	\$50.00
G80656	NA	MOUSE	SUN	COMPACT I	LZA73210380	\$50.00
G80659	NA	MOUSE	SUN	COMPACT I	LTC54317734	\$50.00
G80662	NA	MOUSE	SUN	COMPACT I	LTC54315271	\$50.00
G80665	NA	MOUSE	SUN	TYPE 5	MSCF0331895	\$50.00
G80669	NA	MOUSE	SUN	COMPACT I	LTC54317830	\$50.00
G121702	1160075	SPARC STATION	SUN	147B	303F0629	\$7,913.00
G122153	1256095	SPARC STATION 10	SUN	SVCD571	600293305H2	\$19,553.00
G122062	1160076	sparcstation 10	SUN	144	303F1280	\$8,346.00
G122072	1258013	SPARCSTATION 10	SUN	144	335F1484	\$10,812.00
G121840	1261475	SPARCSTATION COMP	SUN	144	6003137D3	\$12,225.00
G80972	NA	Sun Interface Converter	SUN	SUN INTERFACE	1.04394E + 15	\$78.38
G80365	1880708	Display Unit	SUN MICROSYSTEMS	GDM1962B	9319DX0359	\$3,900.00
G80411	1427818	Display Unit	SUN MICROSYSTEMS	GDM1962B	9137DX0141	\$3,900.00
G122738	1605042	TIGER SWITCH	SUN MICROSYSTEMS	SMCXE124S	K150701051	\$1,000.00
G122739	1605043	TIGER SWITCH	SUN MICROSYSTEMS	SMCXE124S	K150901076	\$1,000.00
G122088	1158755	NETWORK INTERFACE	TEKTRONIX	4511A	B011232	\$1,284.00
G80573	1260343	COLOR PRINTER	TEKTRONIX	PHASER 200I	JP3844P	\$6,989.00
G122090	1424908	NETWORK INTERFACE	TEKTRONIX	4511A	B110706	\$1,284.00
G122092	1258782	NETWORK INTERFACE	TEKTRONIX	4511A	B013121	\$1,420.00
G122095	1158037	NETWORK INTERFACE	TEKTRONIX	4511A	B011831	\$1,235.00
G80572	1260345	NETWORK INTERFACE	TEKTRONIX	4511A	B014742	\$1,359.00
G149079	1877187	PHASER 560 PRINTER	TEKTRONIX	Z560	J20H338	\$4,718.00
G149077	1877190	copy station	TEKXTRONIK	4540	B08B12E	\$1,471.00
G122640	NA	COLOR PRINTER	TEXTRONIC	Z560R	J23AC58	\$8,145.00
G122839	NA	PHASER COPY STATION	TEXTRONIC	4540	B0572HM	\$1,510.00
G122920	1873160	PRINTER	TEXTRONIX	Z550	J405N57	\$7,609.00
G122921	1873161	PRINTER	TEXTRONIX	Z550	J416N57	\$7,609.00

Exhibit B. Off-Site Government Furnished Property

1. Science Computing Mission Critical Systems

G122087	1159287	PRINTER W. PAPER TRAY	TEXTRONIX	4694PXI	JP09417	\$6,750.00
G122089	1159286	PRINTER W. PAPER TRAY	TEXTRONIX	4694PXI	JP09211	\$6,750.00
G122093	1156754	PRINTER W. PAPER TRAY	TEXTRONIX	4684	JP00312	\$12,010.00
G122096	1158036	PRINTER W. PAPER TRAY	TEXTRONIX	4684	JP01842	\$8,848.00
G122097	G78538	PRINTER W. PAPER TRAY	TEXTRONIX	4693FXI	JP02372	\$6,503.00
G80772	NONE	DATADRIVE 2GB TAPE STORAGE SYSTEM	THIRDWAVE	MLB-3531	1938	\$1,435.00
G122937	1742833	DISK DRIVE	TOSHIBA AMER INFO S	TXM570153	748N219820	\$572.00
G80840	NONE	EXTERNAL HARD DRIVE	TOTAL PERIPHERALS	M120XC	26034232	\$325.00
G80479	1158550	1.6 G EXTERNAL HARD DRIVE	TOTAL TEC SYS	DA101908	7553	\$2,189.00
G80798	1158553	1.6 G EXTERNAL HARD DRIVE	TOTAL TEC SYS	1908	2082901077	\$2,189.00
G80801	1158548	1.6 G EXTERNAL HARD DRIVE	TOTAL TEC SYS	ST41600N	MF015768	\$2,189.00
G121758	1258654	DISK DRIVE	TRIMON INC	NONE	NONE	\$8,465.00
G122025	1258784	DISK DRIVE	UNIDATA	DSP3160	CX3391123	\$3,385.00
G149870	NA	MONITOR	VIEW SONIC	G810	Q174903603	\$996.93
G122065	801778	8MM TAPE TRANSPORT	WESTERN SCIENTIFIC	NONE	2272STA	\$1,995.00
G121705	1091030	DISK DRIVE	WESTERN SCIENTIFIC	NONE	NONE	\$1,995.00
G121877	1093303	TAPE BACK UP	WESTERN SCIENTIFIC	WX804S	2161SDA	\$1,995.00
						\$2,595,447.02

Exhibit B. OffiSite Government Furnished Property
2. Science Support Equipment Non-Mission Critical Items

	A	B	C	D	E	F	G	H	
1	decal	cust	datem	desc	manufacturer	model_no	serial_no	unit_pri	date acqu
2	G157071	1881186	COMP WKB AND MO	APPLE	IMAC		XA9030RQFM3	\$1,228.00	19990423
3	G80283	1159205	COMPUTER	EVEREX	EX02802A00+		25E0683913113	\$5,692.00	19890816
4	G80286	1159208	COMPUTER	EVEREX	EX02802A00+		25G0393010704	\$5,692.00	19900724
5	G80288	1159210	COMPUTER	EVEREX	EX02808CIS		25G0301851012	\$8,925.00	19890816
6	G80290	1159212	COMPUTER	APPLE	M5333		F847EF8	\$3,365.00	19891115
7	G121892	1263771	COMPUTER	APPLE	M1688		CK4221041H2	\$5,094.00	19940818
8	G80400	NONE	COMPUTER	APPLE	M5000		F9039CD	\$6,068.00	19920501
9	G80518	NONE	COMPUTER	MICROSERVE	486DX-33		36514	\$1,995.00	19930828
10	G80519	NONE	COMPUTER	MICROSERVE	486DX2-66		36503	\$2,170.00	19930826
11	G80520	NONE	COMPUTER	MICROSERVE	486DX2-66		36512	\$2,170.00	19930826
12	G80586	1088347	Computer, Micro	APPLE COMP. INC.	M5525		F3133M5FC58	\$5,885.00	19910930
13	G158880	7814	CPU	MICRON	NONE		1954552-0001	\$2,700.00	20000629
14	G121864	1088094	CPU	APPLE	M5525		F3133MARC41	\$7,141.00	19910912
15	G122166	1259411	CPU	GATEWAY 2000	4DX2-66V		1827019	\$3,155.00	19940110
16	G122930	1259413	CPU	GATEWAY 2000	NEW TOWER		1827021	\$3,005.00	19940110
17	G157065	1264126	CPU	MAC	M1688		XB43406Z142	\$5,730.00	19940922
18	G122626	1431693	CPU	APPLE	M3979		XB63640T8FP	\$1,874.00	19960918
19	G117878	1741839	CPU	MICRON	LIGHTZPP200		833751-0001	\$4,050.00	19970311
20	G122813	1742930	CPU	POWER COMPUTING	POWER TOWER PRO		1421618	\$2,966.00	19970528
21	G122914	1873162	CPU	APPLE	8600/200		XB722184AGV	\$2,719.00	19970612
22	G149120	1878868	CPU	APPLE	M4406		XB813407A23	\$2,690.00	19980409
23	G153095	1880530	CPU	GATEWAY	LP MINI TOWER		12762204	\$1,517.00	19990210
24	G156989	1880533	CPU	DELL	MMP		UJMQ6	\$5,897.00	19990203
25	G153091	1880534	CPU	DELL	MMP		UCMQ3	\$5,897.00	19990203
26	G157027	1881057	CPU	NEOWARE	SUPRA66		903084781	\$1,041.00	19990324
27	G153099	1881058	CPU	NEOWARE	SUPRA 66		903084782	\$991.00	19990324
28	G157018	1881059	CPU	NEOWARE	SUPRA66		903084783	\$1,141.00	19990324
29	G156992	1881060	CPU	NEOWARE	SUPRA66		903084784	\$991.00	19990324
30	G119974	1885930	CPU	HP	D9666T		KR001C6145	\$578.00	20000724
31	G119975	1885931	CPU	HP	D9666T		KR001C6138	\$579.00	20000724
32	G80917	none	CPU	PENINSULA COMPUTER	NONE		NONE	\$929.00	19950807
33	G80904	none	cpu	PENTIUM	486		NONE	\$1,899.00	19950724
34	G121798	G079371	CPU	APPLE	M5525		F3037N5VC41	\$7,935.00	19901126
35	G123074	G079610	CPU	APPLE	M5780		F1047130740	\$4,196.00	19901228
36	G122306	NA	CPU	APPLE	M2118		FC3510TT1CD	\$5,347.00	19960523
37	G149072	NA	cpu	APPLE	M3548		XB7422XQAWM	\$1,280.00	19980513
38	G119903	NA	CPU	DELL	DIMENSION 4100		91MY501	\$2,503.95	20001019
39	G145700	NA	CPU	DELL	MMS		E5SC1	\$3,212.00	19980430
40	G150884	NA	CPU	DELL	XPSR450		H685Q	\$1,870.00	19981112

Exhibit B. OffSite Government Furnished Property

2. Science Support Equipment Non-Mission Critical Items

	A	B	C	D	E	F	G	H
1	decal	cust	ditem	desc	manufacturer	model no	serial no	unit pri date acqu
41	G122697	NA	CPU	GATEWAY	BATC	6119066	\$1,659.49	19970522
42	G122649	NA	CPU	GATEWAY	BATC	305381	\$1,421.00	19961227
43	G122828	NA	CPU	GATEWAY	LP MINI TOWER	7382793	\$1,844.00	19970701
44	G145643	NA	CPU	GATEWAY	G6233M	9644622	\$2,169.00	19980430
45	G150931	NA	CPU	GATEWAY	G6400	12422541	\$2,237.00	19981215
46	G122380	NA	CPU	GATEWAY 2000	ATXTOWER	5029411	\$2,468.26	19960925
47	G122382	NA	CPU	GATEWAY 2000	APXTOWER	5029412	\$2,468.26	19960925
48	G122568	NA	CPU	GATEWAY 2000	ATX TOWER	5029413	\$2,499.67	19961015
49	G122683	NA	CPU	GATEWAY 2000	BATC	6880515	\$2,199.00	19970326
50	G122711	NA	cpu	GATEWAY 2000	ATX TOWER	6885317	\$2,943.00	19970404
51	G122721	NA	CPU	GATEWAY 2000	ATX TOWER	6885318	\$1,943.00	19970414
52	G122844	NA	CPU	GATEWAY 2000	LPMINI TOWER	7439740	\$3,612.00	19970712
53	G149947	NA	CPU	HEWLETT PACKARD	BR1083345	US82141071	\$1,500.00	19981004
54	G149953	NA	CPU	HYUNDAI	PENTIUM	34X21259	\$1,500.00	19981104
55	G150876	NA	CPU	INTERLINK	NONE	NONE	\$1,110.84	19981112
56	G150926	NA	CPU	INTERLINK	NONE	NONE	\$735.00	19990125
57	G157101	NA	CPU	MICRON	17797870001	SE440BX2	\$1,174.85	19990909
58	G149881	NA	CPU	NONE	NONE	NONE	\$508.00	19980716
59	G122397	NA	CPU PENTIUM	GATEWAY	BATC	5702247	\$1,737.00	19961003
60	G157842	1881601	CPU W KB AND MOUSE	GATEWAY	LP MINI TOWER	13931402	\$2,837.00	19990601
61	G161008	NA	CPU W KB AND MOUSE	HP	D9665T	KP94888666	\$549.00	20000525
62	G119893	2009129	CPU W KB, MOUSE, \$	ATLAS	AMD RS 6000	NONE	\$1,281.00	20000926
63	G158357	NA	CPU W KEYBOARD/M	DELL	MMS	5ZSU5	\$1,799.00	19991101
64	G158883	1881850	CPU W/ KB	IBM	NONE	1S2138E96AF1CTHD	\$1,089.00	19990707
65	G118950	NA	CPU W/ KB & MOUSE	DELL	MMS	HLYN801	\$1,759.99	20010116
66	G157855	1881340	CPU W/ KB AND MOUSE	APPLE	M5183	SG91531HG90	\$1,435.00	19990505
67	G157857	1881563	CPU W/ KB AND MOUSE	APPLE	M5183	SG91686NG90	\$1,474.00	19990610
68	G158278	NA	CPU W/ KB AND MOUSE	DELL	MM6	OUSBU	\$977.00	20000210
69	G158876	1885777	CPU W/ KB, MOUSE	DELL	MNS	G8C800B	\$1,200.00	20000719
70	G118931	1876871	CPU W/ KB, TRACKBALL	MACINTOSH	G3	XB814082A23	\$2,690.00	19980408
71	G158299	NA	CPU W/ MOUSE, KB	DELL	XPST500	EDUTM	\$2,240.00	20000315
72	G161011	1882582	CPU W/MONITR,KB	GATEWAY	E4200550	90159964858	\$2,426.00	19990910
73	G158351	1883951	cpu w/monitor, kb, mouse	IBM	657445U	23KY103	\$2,114.00	20000124
74	G122840	1429532	LAP TOP COMPUTER	NEC	PC602011602MK	64019551	\$3,757.00	19960626
75	G122830	1873207	LAP TOP COMPUTER	NEC	PC624091803	75002754	\$3,757.00	19970701
76	G118900	1424275	LAPTOP	IBM	THINKPAD	23-BGP58	\$4,957.00	19950224
77	G118895	1611658	LAPTOP	APPLE	M3571	0F732167A2A	\$2,400.00	19971128
78	G157853	1878088	LAPTOP	APPLE	M3553	CK7511R4REJ	\$3,400.00	19980122
79	G161012	1876436	LAPTOP	NEC	V6237	F81501478	\$4,135.00	19980213

Exhibit B. OffSite Government Furnished Property

2. Science Support Equipment Non-Mission Critical Items

	A	B	C	D	E	F	G	H	
1	decal	cust	deitem	desc	manufacturer	model_no	serial_no	unit_pri	date acqu
80	G181013	1883271	LAPTOP	DELL	TS30T		1298198L0074	\$2,463.00	19991028
81	G118925	2008868	LAPTOP	MELAA TECH	N30W		0287710B110255A	\$2,370.00	20000908
82	G117976	2008991	laptop	TOSHIBA	PAP311U-B		20415107U-1	\$2,225.00	20000915
83	G118908	NA	LAPTOP	DELL	PP01L		NONE	\$2,374.00	20010215
84	G118912	NA	LAPTOP	DELL	PP01L		NONE	\$2,374.00	20010215
85	G118933	NA	LAPTOP	DELL	PPX		NONE	\$2,165.90	20010209
86	G122925	1873204	LAPTOP COMP	NEC	PC-6240-91803		75002797	\$4,957.00	19970701
87	G158300	1873201	LAPTOP COMPUTER	NEC	PC624091803		75002740	\$4,957.00	19970701
88	G122834	1873202	LAPTOP COMPUTER	NEC	PC624091803		74009951	\$3,757.00	19970701
89	G122836	1873205	LAPTOP COMPUTER	NEC	PC624091803		75002813	\$3,757.00	19970701
90	G158268	1873208	LAPTOP COMPUTER	NEC	PC624091803		75002803	\$4,957.00	18970701
91	G150906	NA	LAPTOP COMPUTER	COMPAQ	ARMADA 1700		98MA1110	\$2,789.00	19990115
92	G150907	NA	LAPTOP COMPUTER	COMPAQ	ARMADA 1700		3872B086	\$2,789.00	19990115
93	G118934	1881607	LAPTOP INSPIRON 350	DELL	TS30T		009653D1298198500	\$2,400.00	19990818
94	G145586	1874732	MICRO COMPUTER	NCD	SUPRA66		709060524	\$2,134.00	19970929
95	G145587	1874733	MICRO COMPUTER	NCD	SUPRA66		709060528	\$2,134.00	19970929
96	G80867	NONE	NOTEBOOK PC	TOTAL PERIPHERALS	300/486 SERIRES		DX3-F04022	\$2,781.00	19950106
97	G123094	1259033	POWER BQOK	APPLE	180C		FC325PDD796	\$4,500.00	19931117
98	G157102	NA	POWER MAC	MAC	G3		XA931GKNGQ5	\$1,618.00	19990909
99	G122141	1263770	POWERMAC 8100/80	APPLE	1688		CK4221351H2	\$5,094.00	19940818
100								\$250,472.21	

EXHIBIT C

94-2544 VA,NORFOLK 4/03/01

FOR OFFICIAL USE ONLY BY FEDERAL AGENCIES PARTICIPATING IN MOU WITH DOL
 WASHINGTON D.C. 20210

Wage Determination No.: 1994-2544

William W. Gross Division of | Revision No.: 22
 Director Wage Determinations| Date Of Last Revision: 03/28/2001

 States: North Carolina, Virginia

Area: North Carolina Counties of Camden, Chowan, Currituck, Gates, Pasquotank, Perquimans
 Virginia Counties of Chesapeake, Gloucester, Hampton, Isle of Wight, James City, Mathews,
 Newport News, Norfolk, Poquoson, Portsmouth, Southampton, Suffolk, Surry, Virginia Beach,
 Williamsburg, York

 Fringe Benefits Required Follow the Occupational Listing

OCCUPATION TITLE	MINIMUM WAGE RATE
Administrative Support and Clerical Occupations	
Accounting Clerk I	8.03
Accounting Clerk II	10.14
Accounting Clerk III	12.62
Accounting Clerk IV	13.69
Court Reporter	12.87
Dispatcher, Motor Vehicle	10.98
Document Preparation Clerk	9.71
Duplicating Machine Operator	9.71
Film/Tape Librarian	9.60
General Clerk I	7.77
General Clerk II	9.56
General Clerk III	11.89
General Clerk IV	13.29
Housing Referral Assistant	13.71
Key Entry Operator I	9.13
Key Entry Operator II	11.49
Messenger (Courier)	7.89
Order Clerk I	8.80
Order Clerk II	11.51
Personnel Assistant (Employment) I	9.82
Personnel Assistant (Employment) II	11.35
Personnel Assistant (Employment) III	11.99
Personnel Assistant (Employment) IV	13.73
Production Control Clerk	14.26
Rental Clerk	10.32
Scheduler, Maintenance	10.32
Secretary I	10.32
Secretary II	12.01
Secretary III	13.71
Secretary IV	16.07

Secretary V	16.87
Service Order Dispatcher	11.04
Stenographer I	10.45
Stenographer II	11.74
Supply Technician	13.69
Survey Worker (Interviewer)	11.18
Switchboard Operator-Receptionist	8.36
Test Examiner	12.01
Test Proctor	12.01
Travel Clerk I	7.84
Travel Clerk II	8.37
Travel Clerk III	8.93
Word Processor I	10.35
Word Processor II	11.66
Word Processor III	13.06
Automatic Data Processing Occupations	
Computer Data Librarian	8.55
Computer Operator I	9.57
Computer Operator II	11.07
Computer Operator III	13.71
Computer Operator IV	15.88
Computer Operator V	16.88
Computer Programmer I (1)	15.93
Computer Programmer II (1)	18.03
Computer Programmer III (1)	21.49
Computer Programmer IV (1)	25.62
Computer Systems Analyst I (1)	20.06
Computer Systems Analyst II (1)	23.10
Computer Systems Analyst III (1)	27.62
Peripheral Equipment Operator	9.83
Automotive Service Occupations	
Automotive Body Repairer, Fiberglass	16.79
Automotive Glass Installer	15.31
Automotive Worker	15.31
Electrician, Automotive	16.03
Mobile Equipment Servicer	13.84
Motor Equipment Metal Mechanic	16.79
Motor Equipment Metal Worker	15.31
Motor Vehicle Mechanic	16.79
Motor Vehicle Mechanic Helper	13.05
Motor Vehicle Upholstery Worker	14.56
Motor Vehicle Wrecker	15.31
Painter, Automotive	16.03
Radiator Repair Specialist	14.56
Tire Repairer	13.37
Transmission Repair Specialist	16.79
Food Preparation and Service Occupations	
Baker	8.98
Cook I	8.12
Cook II	8.98
Dishwasher	7.20
Food Service Worker	7.20
Meat Cutter	10.19
Waiter/Waitress	7.56
Furniture Maintenance and Repair Occupations	
Electrostatic Spray Painter	18.43

Furniture Handler	13.34
Furniture Refinisher	16.03
Furniture Refinisher Helper	13.05
Furniture Repairer, Minor	14.56
Upholsterer	16.03
General Services and Support Occupations	
Cleaner, Vehicles	7.20
Elevator Operator	6.26
Gardener	9.22
House Keeping Aid I	6.93
House Keeping Aid II	7.72
Janitor	7.20
Laborer, Grounds Maintenance	7.83
Maid or Houseman	6.46
Pest Controller	8.54
Refuse Collector	7.20
Tractor Operator	8.79
Window Cleaner	7.83
Health Occupations	
Dental Assistant	10.62
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	10.62
Licensed Practical Nurse I	9.73
Licensed Practical Nurse II	10.92
Licensed Practical Nurse III	12.21
Medical Assistant	9.79
Medical Laboratory Technician	10.46
Medical Record Clerk	10.48
Medical Record Technician	13.15
Nursing Assistant I	6.89
Nursing Assistant II	7.75
Nursing Assistant III	8.46
Nursing Assistant IV	9.49
Pharmacy Technician	11.84
Phlebotomist	10.92
Registered Nurse I	15.13
Registered Nurse II	18.51
Registered Nurse II, Specialist	18.51
Registered Nurse III	22.40
Registered Nurse III, Anesthetist	22.40
Registered Nurse IV	26.84
Information and Arts Occupations	
Audiovisual Librarian	14.23
Exhibits Specialist I	15.55
Exhibits Specialist II	18.89
Exhibits Specialist III	20.98
Illustrator I	15.55
Illustrator II	18.89
Illustrator III	20.98
Librarian	16.36
Library Technician	11.41
Photographer I	11.73
Photographer II	15.55
Photographer III	18.89
Photographer IV	20.98
Photographer V	25.39
Laundry, Dry Cleaning, Pressing and Related Occupations	

Assembler	6.04
Counter Attendant	6.04
Dry Cleaner	7.44
Finisher, Flatwork, Machine	6.04
Presser, Hand	6.04
Presser, Machine, Drycleaning	6.04
Presser, Machine, Shirts	6.04
Presser, Machine, Wearing Apparel, Laundry	6.04
Sewing Machine Operator	7.94
Tailor	8.42
Washer, Machine	6.51
Machine Tool Operation and Repair Occupations	
Machine-Tool Operator (Toolroom)	16.03
Tool and Die Maker	18.46
Material Handling and Packing Occupations	
Forklift Operator	10.72
Fuel Distribution System Operator	13.84
Material Coordinator	14.51
Material Expediter	14.51
Material Handling Laborer	8.86
Order Filler	8.76
Production Line Worker (Food Processing)	10.91
Shipping Packer	10.54
Shipping/Receiving Clerk	10.54
Stock Clerk (Shelf Stocker; Store Worker II)	10.89
Store Worker I	8.60
Tools and Parts Attendant	12.98
Warehouse Specialist	12.49
Mechanics and Maintenance and Repair Occupations	
Aircraft Mechanic	18.37
Aircraft Mechanic Helper	14.28
Aircraft Quality Control Inspector	19.18
Aircraft Servicer	15.93
Aircraft Worker	16.75
Appliance Mechanic	16.03
Bicycle Repairer	13.37
Cable Splicer	16.79
Carpenter, Maintenance	16.03
Carpet Layer	17.61
Electrician, Maintenance	16.79
Electronics Technician, Maintenance I	14.58
Electronics Technician, Maintenance II	14.91
Electronics Technician, Maintenance III	15.98
Fabric Worker	4.56
Fire Alarm System Mechanic	16.79
Fire Extinguisher Repairer	13.84
Fuel Distribution System Mechanic	16.79
General Maintenance Worker	15.31
Heating, Refrigeration and Air Conditioning Mechanic	16.79
Heavy Equipment Mechanic	16.79
Heavy Equipment Operator	16.79
Instrument Mechanic	16.79
Laborer	10.02
Locksmith	16.03
Machinery Maintenance Mechanic	16.75
Machinist, Maintenance	16.79

Maintenance Trades Helper	13.05
Millwright	19.30
Office Appliance Repairer	16.03
Painter, Aircraft	16.03
Painter, Maintenance	16.03
Pipefitter, Maintenance	16.79
Plumber, Maintenance	16.03
Pneudraulic Systems Mechanic	16.79
Rigger	16.79
Scale Mechanic	15.31
Sheet-Metal Worker, Maintenance	16.79
Small Engine Mechanic	15.31
Telecommunication Mechanic I	16.79
Telecommunication Mechanic II	20.16
Telephone Lineman	16.79
Welder, Combination, Maintenance	16.79
Well Driller	16.79
Woodcraft Worker	16.79
Woodworker	13.84
Miscellaneous Occupations	
Animal Caretaker	7.25
Carnival Equipment Operator	8.79
Carnival Equipment Repairer	9.22
Carnival Worker	6.26
Cashier	6.45
Desk Clerk	7.25
Embalmer	17.63
Lifeguard	6.38
Mortician	17.63
Park Attendant (Aide)	8.01
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	7.15
Recreation Specialist	13.50
Recycling Worker	8.82
Sales Clerk	6.38
School Crossing Guard (Crosswalk Attendant)	7.20
Sport Official	6.38
Survey Party Chief (Chief of Party)	9.82
Surveying Aide	6.13
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	8.93
Swimming Pool Operator	8.98
Vending Machine Attendant	8.82
Vending Machine Repairer	10.33
Vending Machine Repairer Helper	8.82
Personal Needs Occupations	
Child Care Attendant	6.56
Child Care Center Clerk	9.42
Chore Aid	6.13
Homemaker	9.92
Plant and System Operation Occupations	
Boiler Tender	16.79
Sewage Plant Operator	17.81
Stationary Engineer	16.79
Ventilation Equipment Tender	13.05
Water Treatment Plant Operator	17.81
Protective Service Occupations	
Alarm Monitor	8.58

Corrections Officer	12.33
Court Security Officer	12.33
Detention Officer	12.33
Firefighter	13.65
Guard I	7.17
Guard II	8.58
Police Officer	14.75
Stevedoring/Longshoremen Occupations	
Blocker and Bracer	14.68
Hatch Tender	12.76
Line Handler	12.76
Stevedore I	14.04
Stevedore II	15.42
Technical Occupations	
Air Traffic Control Specialist, Center (2)	26.07
Air Traffic Control Specialist, Station (2)	17.98
Air Traffic Control Specialist, Terminal (2)	19.79
Archeological Technician I	11.83
Archeological Technician II	13.30
Archeological Technician III	16.43
Cartographic Technician	16.43
Civil Engineering Technician	18.89
Computer Based Training (CBT) Specialist/ Instructor	20.97
Drafter I	10.42
Drafter II	11.73
Drafter III	14.74
Drafter IV	17.91
Engineering Technician I	12.48
Engineering Technician II	13.35
Engineering Technician III	16.45
Engineering Technician IV	19.92
Engineering Technician V	23.27
Engineering Technician VI	28.75
Environmental Technician	16.43
Flight Simulator/Instructor (Pilot)	24.14
Graphic Artist	18.24
Instructor	18.12
Laboratory Technician	12.28
Mathematical Technician	16.43
Paralegal/Legal Assistant I	11.18
Paralegal/Legal Assistant II	13.58
Paralegal/Legal Assistant III	16.61
Paralegal/Legal Assistant IV	20.10
Photooptics Technician	18.89
Technical Writer	15.55
Unexploded (UXO) Safety Escort	16.57
Unexploded (UXO) Sweep Personnel	16.57
Unexploded Ordnance (UXO) Technician I	16.57
Unexploded Ordnance (UXO) Technician II	20.05
Unexploded Ordnance (UXO) Technician III	24.02
Weather Observer, Combined Upper Air and Surface Programs (3)	14.08
Weather Observer, Senior (3)	15.24
Weather Observer, Upper Air (3)	14.08
Transportation/ Mobile Equipment Operation Occupations	
Bus Driver	9.75
Parking and Lot Attendant	7.22

Shuttle Bus Driver	9.33
Taxi Driver	8.80
Truckdriver, Heavy Truck	11.57
Truckdriver, Light Truck	9.33
Truckdriver, Medium Truck	9.75
Truckdriver, Tractor-Trailer	11.57

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) **APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL:** An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) **WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard including working with or in close proximity to explosives and incendiary materials involved in research, testing, manufacturing, inspection, renovation, maintenance, and disposal. Such as: Screening, blending, dying, mixing, and pressing of sensitive explosives pyrotechnic compositions such as lead azide, black powder and photoflash power. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive explosives and incendiary materials. All operations involving regarding and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard. Including working with or in close proximity to explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation and, possibly adjacent employees, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used.

All operations involving, unloading, storage, and hauling of explosive and incendiary ordnance material other than small arms ammunition. (Distribution of raw nitroglycerine is covered under high degree hazard.)

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 shall be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the

employees involved, or where there is no authorized representative, the employees themselves. This report shall be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) shall be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

EXHIBIT D - CONTRACT DOCUMENTATION REQUIREMENTS**I. DOCUMENTATION PREPARATION/SUBMISSION INSTRUCTIONS**

A. **Initial Baseline Financial Management Report** -- The Contractor shall prepare a baseline financial management report utilizing the NASA Form 533Q format. The report shall be prepared and submitted in accordance with instructions set forth on the reverse side of the 533Q form and NASA Policy and Guidelines (NPG) 9501.2C, "NASA Contractor Financial Management Reporting." The initial 533Q shall be submitted within 30 working days after the effective date of contract.

Minimum reporting categories shall include:

Direct Labor Hours
Direct Labor Dollars
Overhead(s)
Subcontract
Material
Other Direct Cost
G&A
Total Est. Cost
Award Fee
Total Estimated Cost and Award Fee

B. **Financial Management Reports** -- The Contractor shall comply with the clause of this contract entitled "NASA Contractor Financial Management Reporting" by monthly submission of NASA Form 533M. The form shall be prepared and submitted in accordance with the instructions set forth on the reverse side of the form and NASA Policy and Guidelines (NPG) 9501.2C, "NASA Contractor Financial Management Reporting," as further definitized below.

1. Due not later than the 10th operating day following the close of the Contractor's accounting period being reported.
2. Columns 7.b. and d. shall be completed using the time-phased financial baseline plan approved as part of the Management and Operations Plan.
3. Columns 8.a. and b. shall be completed using current estimates (forecasts) for the succeeding two months.
4. The minimum categories specified in A. above shall be reported.
5. The 533M shall be submitted for the total contract and for each NOW.
6. Each 533M shall include a narrative explanation for variances exceeding 10 percent between planned hours and dollars and actual hours and dollars for each reporting category.

C. **Quarterly Financial Management Report** -- The Contractor shall submit a quarterly financial report, inclusive of the categories specified in A. above, on NASA Form 533Q at times and in accordance with the instructions contained on the reverse side of the form.

D. **Safety Reports** -- The Contractor shall submit safety reports to the LaRC Office of Safety and Facility Assurance. These reports shall be submitted on a quarterly basis if the period of performance exceeds ninety days. If the period of performance is less than ninety days, the Contractor shall submit a single report upon completion of on-site work. The Safety Report shall include the hours worked on the contract and the number of fatalities, lost time cases, OSHA recordable incidents and first aid cases

which have occurred during the past quarter (if less than ninety days, during the contract's period of performance).

E. Notice of Violation Response: The Contractor shall respond to any Notice of Violation (NOV) issued for safety violations to the prime itself or its' subcontractors within three working days of issuance. The response shall include cause for violation; mitigation of impact if applicable; planned prevention of recurrence. Response shall be submitted to the issuer of the NOV.

F. Progress Report -- The Contractor shall submit a monthly or quarterly progress report, in accordance with the requirements of each NOW and summarizing work progress. This report shall be submitted within 10 operating days following the end of the reporting period.

G. Source Code -- The Contractor shall provide to the Contracting Officer's Technical Representative, at Government discretion, any source code and any supporting documentation explaining the use and outcome of source code for each NOW.

H. Quarterly Equipment Report -- The Contractor shall submit a Quarterly Government-furnished Equipment Report summarizing maintenance/calibration performed on the equipment. This report shall be submitted within 10 operating days following the end of the reporting period.

I. Conformable Wage Rate Agreement -- Within 15 operating days after the effective date of the contract, the Contractor shall submit a report confirming conformable wage rate agreement as this subject is addressed in the Section I clause entitled "Service Contract Act of 1965," for those individuals employed by the Contractor who are covered by the Service Contract Act, but are not listed in Exhibit C.

J. Collective Bargaining Agreements -- The Contractor shall provide the Contracting Officer with copies of any collective bargaining agreements, and amendments thereto, which arise during the course of the contract and which apply to Contractor employees assigned to the contract.

K. Property in the Custody of Contractors (NASA FORM 1018) -- The Contractor shall submit the NASA Form 1018 no later than October 31 of each year in accordance with the clause entitled "Financial Reporting of NASA Property in the Custody of Contractors."

L. Documentation for Transferring Property to the Government

In accordance with the Installation-Provided Government Property clause of this contract, accountability for that property which is acquired for the Government under this contract shall be passed to the Government using the following procedure:

The transfer of accountability shall be initiated by the Contractor submitting a Requisition and Invoice/Shipping Document, DD Form 1149, accompanied by a copy of the Contractor's applicable purchasing and receipt document for the property. The Contractor shall insert both the Contractor's Subcontract/ Purchase Order number and the Government contract number on the DD Form 1149 under the "Federal Stock Number, Description, and Coding of Material and/or Services" block. For purchases of supplies and materials, this document shall be submitted within 30 days after the end of each calendar-year quarter (that is, not later than January 30, April 30, July 30, and October 30). For equipment purchases, this document shall be submitted within five workdays after acceptance of each item of equipment by the Contractor. Receipt by the Contractor of a copy of the DD Form 1149 signed by the Government relieves the Contractor of accountability for the property specified on that form.

M. Subcontracting Reports

a. The Contractor shall submit Standard Form 294, Subcontracting Report for Individual Contracts, and Standard Form 295, Summary Subcontractor Report, in accordance with the instructions on the reverse of the forms.

In addition to the instructions on the reverse of the SF 295, the Contractor is required to comply with NFS Clause 1852.219-75, Small Business Subcontracting Reporting.

b. The Contractor shall submit an SDB Participation Report in accordance with the Section I FAR Clause 52.219-25, Small Disadvantaged Business Program -- Disadvantaged Status and Reporting. The Contractor shall report on the participation of SDB concerns using either Optional Form 312, Small Disadvantaged Business Participation Report, or the Contractor's own format providing the same information as the Optional Form 312. This report shall be submitted every 12 months during the contract period.

N. Quality Plan -- Within 30 calendar days after the effective date of the contract, the Contractor shall submit a quality plan which addresses how the contract quality requirements will be met. The plan and subsequent revisions will be reviewed and approved by the Contracting Officer or the designated representative.

O. Quality System Documents (ISO)

The Contractor shall submit the following ISO-compliant documents in accordance with H.19 no later than nine months from the effective date of contract:

1. Quality System Manual
2. Quality System Procedures – these procedures shall address: (1) contract and subcontract management, (2) customer requirement review and execution, (3) task management, including NOW generation and processing, (4) document control, (5) handling of customer supplied product, (6) corrective, preventive, and continuing improvement action systems, (7) training of employees, and (8) customer satisfaction/performance measurement.

Any changes to the Quality System Manual or Quality System procedures, resulting from the requirement to be transitioned to ISO 9001:2000 no later than December 2003, shall be submitted within thirty days following the transition.

P. Federal Contractor Veterans Employment Report -- In compliance with Clause 52.222-37, Employment Reports on Disabled Veterans and Veterans of the Vietnam Era, the Contractor shall submit the Federal Contractor Veterans Employment Reports (VETS-100) as required by this clause.

Q. Evidence of Insurance -- The Contractor shall submit evidence of the insurance coverage, required by the NASA Clause 1852.228-75 in Section I entitled "Minimum Insurance Coverage" (i.e., a Certificate of Insurance or other confirmation), to the Contracting Officer prior to performing under this contract. In the event the Government exercises its options to extend the term of the contract, the Contractor shall also present such evidence to the Contracting Officer prior to commencement of performance under the extension.

R. New Technology/Patent Rights Report -- The Contractor shall submit all disclosures of reportable items and subject inventions, interim reports, subcontract identification and other information as required by the clause at G-4. An interim New Technology report and Patent Rights report is required every 12 months from the date of the contract. (See Paragraph (h) of clause 52.227-11 "Patent Rights – Retention by the Contractor (Short Form) and Paragraph (e)(3)(i) of clause 1852.227-70 "New Technology") Further, upon completion of the work under the contract (or subcontract, if any) a final New Technology report and a Patent Rights Report shall be submitted.

S. Self-Assessment Report -- The Contractor may submit a Self-Assessment Report in accordance with the instructions contained in the Award Fee Evaluation Plan (Exhibit H). The self-assessment shall not exceed 5 pages, not including cost analysis reports, and shall be delivered to the Government within 25 calendar days from the end of each award fee evaluation period.

II. DOCUMENT DISTRIBUTION REQUIREMENTS

A. Unless otherwise specified elsewhere in this contract, reports and other documentation shall be submitted F.O.B. destination as specified below, addressed as follows:

National Aeronautics and Space Administration
Langley Research Center
Attn: Charlotte T. Hardy, Mail Stop 126
Contract NAS1-_____
Hampton, VA 23681-2199

B. The following letter codes designate the recipients of reports and other documentation which are required to be delivered prepaid to Langley Research Center by the Contractor:

A--Contract Specialist, Mail Stop 126

B--Contracting Officer Technical Representative, Mail Stop 401

C--New Technology Representative, Mail Stop 212

D--Cost Accounting, Mail Stop 147

E--Office of Safety and Facility Assurance, Mail Stop 421

F--Industry Relations Office, Mail Stop 144

G--Competency Resources & Analysis Branch, OCFO, Mail Stop 104

H--Patent Counsel, Mail Stop 212

I--Industrial Property Office, Mail Stop 377

J--Small Business Specialist, Mail Stop 144

K--Center Information Technology Security Manager (CITSM), Mail Stop 124

L--According to instructions on form

C. The following are the distribution requirements for reports and other documentation required with the numeral following the letter code specifying the number of copies to be provided:

<u>DOCUMENT</u>	<u>LETTER CODE AND DISTRIBUTION</u>
Financial Management Reports (NASA Forms 533M and 533Q) (Reference 1.A through 1.C, above)	A-1, B-2, D-2, G-1
Safety Reports	E-1
Notice of Violation Responses	A-1, E-1
Progress Reports (Electronic)	A-1, B-1
Source Code and supporting Documentation (Electronic)	B-1
Quarterly Equipment Report	A-1, B-3, I-1

Conformable Wage Rate Agreement	A-1, B-1, F-1
Collective Bargaining Agreement	A-1, B-1, F-1
Report of Government-Owned/Contractor Held Property (NASA Form 1018)	A-1, B-1, I-4
Requisition and Invoice/Shipping Document (DD Form 1149)	I-1
Subcontracting Report for Individual Contracts (Standard Form 294) and SDB Participation Report (Optional Form 312)	A-1, J-1
Summary Subcontractor Report (Standard Form 295)	L
Quality Plan	A-1, B-1, E-1
Quality System Documents	A-1, B-1
Federal Contractor Veterans Employment Report (VETS-100)	F-1
Evidence of Insurance	A-1
New Technology Report	A-1, B-2, C-1
Patent Rights Report	A-1, B-2, C-1 H-1
Self-Assessment Report	A-1, B-1
IT Security Implementation Plan (Reference Section H, H.10)	B-1, K-1

D. When the Contract Specialist (A) is not designated above to receive a copy of a report or document, the Contractor shall furnish a copy of the report/document transmittal letter to the Contract Specialist. The Contractor shall also furnish a copy of the transmittal letter and a copy of each Financial Management Report to the delegated Administrative Contracting Officer of the cognizant DoD (or other agency) contract administrative services component.

EXHIBIT EPROCEDURES FOR THE PREPARATION AND APPROVAL OF CONTRACTOR REPORTS FOR
LANGLEY RESEARCH CENTER

GUIDELINES: The following documents or subsequent editions in effect on date of contract shall serve as the basis for preparation of Contractor Reports:

NPG 2200.2A NASA Procedures and Guidelines
(<http://www.sti.nasa.gov/neghome3.htm>)
DoD 5220.22-M, National Industrial Security Program Operating Manual
(NISPOM), January 1995

FORMAT AND ORGANIZATION: The format and organization of a Contractor Report shall be consistent and follow the practices recommended in the NASA Procedures and Guidelines. For questions concerning format, contact Langley Research Information Management at (757) 864-2518. A Report Documentation Page (RDP) (Standard Form 298) shall be included as the last page in the report. The RDP is available electronically at (<http://www.sti.nasa.gov/neghome3.htm>). A sample of this form is attached.

TRADEMARKS: U.S. Government policy prohibits endorsing or criticizing commercial products in its publications. Use of trademarks is discouraged. If a trademark must be used, its owner must be credited and the trademark must be used as an adjective modifying the generic name.

REFERENCES: Material that is not obtainable or available must not be listed in the references. Documents of NASA contracts published as in-house documents must be referenced as NASA CR's, not as NASA Contract Numbers.

SECURITY: Security markings, when necessary, shall be consistent with DD Form 254, the directive issued by the Security Classification Officer, and shall conform to requirements established in the DoD NISPOM. For questions concerning security classification, contact LaRC Security Classification Officer at (757) 864-3420.

APPROVAL COPIES.

1. Upon completion of a report, the Contractor shall submit five (5) approval copies to the Contracting Officer's Technical Representative (COTR) for review and approval by NASA. These copies may be reproduced on both sides of sheet where feasible and assembled by an economical means by the Contractor. **Notify the Langley Contracting Officer when the approval copies are submitted.**
2. The Contractor will be notified of acceptance of the approval copy of the report by the COTR within thirty (30) days. Approval will be contingent upon changes required by NASA.

FINAL (REVISED) COPIES:

1. Upon receipt of acceptance from the Langley COTR, the Contractor shall prepare an original manuscript incorporating the changes required by NASA.
2. The Contractor shall submit the original manuscript and up to five (5) duplicate copies to the Langley COTR within thirty (30) days after receipt of acceptance. Electronic PostScript files for the cover and report (including figures and tables), and Report Documentation Page source file shall also be submitted to the Langley COTR, if available. **Notify the Langley Contracting Officer when the final revised report is submitted.**

Contact the Langley COTR for information on transmitting the electronic files by file transfer protocol (FTP). The electronic files may be saved on CD and submitted with the final manuscript. The CD(s) and files shall be labeled to properly identify the report.

ORIGINAL MANUSCRIPT: The original manuscript of a Contractor Report shall consist of a single-sided, unbound, laser printed copy of the text with all tables, figures, artwork, graphs, photos and captions included on the pages. Photographs shall be either scanned electronic images or unscreend glossy prints that have been cut and mounted on the pages. The manuscript shall be single spaced with consecutive page numbers on all pages, excluding the cover. The manuscript shall be printed on 8-1/2 by 11 paper with a maximum page image are of 7-1/8 by 9-3/16 inches

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour 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 Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED	
4. TITLE AND SUBTITLE		5. FUNDING NUMBERS	
6. AUTHOR(S)			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)		8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)		10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES			
12a. DISTRIBUTION/AVAILABILITY STATEMENT (If contract specifies restricted distribution, state restriction instead of Unclassified-Unlimited.)		12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words)			
<i>(Provide an unclassified abstract not to exceed 200 words)</i>			
14. SUBJECT TERMS		15. NUMBER OF PAGES	
14. SUBJECT TERMS		16. PRICE CODE	
		16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT

INSTRUCTIONS FOR COMPLETING SF 298

The Report Documentation (RDP) is used in announcing and cataloging reports. It is important that this information be consistent with the rest of the report, particularly the cover and title page. Instructions for filling each block of the form follow. It is important to **stay within the lines to meet optical scanning requirements.**

Block 1. Agency Use Only (Leave blank).

Block 2. Report Date. Full publication date including day, month, and year, if available (e.g., 1 Jan 88). Must cite at least the year.

Block 3. Type of Report and Dates Covered. State whether report is interim, final, etc. If applicable, enter inclusive report dates (e.g., 10 Jul 87 - 30 Jun 88).

Block 4. Title and Subtitle. A title is taken from the part of the report that provides the most meaningful and complete information. When a report is prepared in more than one volume, repeat the primary title, add volume number, and include subtitle for the specific volume. On classified documents enter the title classification in parentheses.

Block 5. Funding Numbers. To include contract and grant numbers; may include program element number(s), project number(s), task number(s), and work unit number(s). Use the following labels:

C - Contract	PR - Project
G - Grant	TA - Task
PE - Program Element	WU - Work Unit Accession No.

Block 6. Author(s). Name(s) of person(s) responsible for writing the report, performing the research, or credited with the content of the report. If editor or compiler, this should follow the name(s).

Block 7. Performing Organization Name(s) and Address(es). Self-explanatory.

Block 8. Performing Organization Report Number. Enter the unique alphanumeric report number(s) assigned by the organization performing the report.

Block 9. Sponsoring/Monitoring Agency Name(s) and Address(es). Self-explanatory.

Block 10. Sponsoring/Monitoring Agency Report Number. (If known)

Block 11. Supplementary Notes. Enter information not included elsewhere such as: Prepared in cooperation with . . . ; Trans. of . . . ; To be published in When a report is revised, include a statement whether the new report supersedes or supplements the older report.

Block 12a. Distribution/Availability Statement. Denotes public availability or limitations. Cite any availability to the public. Enter additional limitations or special markings in all capitals (e.g., NOFORN, REL, ITAR).

DOD	-	See DoDD 5230, "Distribution Statements on Technical Documents"
DOE	-	See authorities.
NASA	-	See Handbook NHB 2200.2.
NTIS	-	Leave blank.

Block 12b. Distribution Code.

DOD	-	Leave blank.
DOE	-	Enter DOE distribution categories
		from the Standard Distribution for Unclassified Scientific and Technical Reports.
NASA	-	Leave blank.
NTIS	-	Leave blank.

Block 13. Abstract. Include a brief (*Maximum 200 words*) factual summary of the most significant information contained in the report.

Block 14. Subject Terms. Keywords or phrases identifying major subjects in the report.

Block 15. Number of Pages. Enter the total number of pages.

Block 16. Price Code. Enter appropriate price code (*NTIS only*).

Blocks 17. - 19. Security Classifications. Self-explanatory. Enter U.S. Security Classification in accordance with U.S. Security Regulations (i.e., UNCLASSIFIED). If form contains classified information, stamp classification on the top and bottom of the page.

Block 20. Limitation of Abstract. This block must be completed to assign a limitation to the abstract. Enter either UL (unlimited) or SAR (same as report). An entry in this block is necessary if the abstract is to be limited. If blank, the abstract is assumed to be unlimited.

PART IV - REPRESENTATIONS AND INSTRUCTIONS**SECTION K - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS****K.1 CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (FAR 52.203-11) (APR 1991)**

(a) The definitions and prohibitions contained in the clause, at FAR 52.203-12, Limitation on Payments to Influence Certain Federal Transactions, included in this solicitation, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief, that on or after December 23, 1989, -

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer; and

(3) He or she will include the language of this certification in all subcontracts at any tier and require that all recipients of subcontract awards in excess of \$100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000, for each such failure.

K.2 TAXPAYER IDENTIFICATION (FAR 52.204-3) (OCT 1998)

(a) Definitions.

"Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

() TIN: _____.

() TIN has been applied for.

() TIN is not required because:

() Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

() Offeror is an agency or instrumentality of a foreign government;

() Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

() Sole proprietorship;

() Partnership;

() Corporate entity (not tax-exempt);

() Corporate entity (tax-exempt);

() Government entity (Federal, State, or local);

() Foreign government;

() International organization per 26 CFR 1.6049-4;

() Other _____.

(f) Common parent.

() Offeror is not owned or controlled by a common parent as defined in Paragraph (a) of this provision.

() Name and TIN of common parent:

Name _____

TIN _____

K.3 WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (FAR 52.204-5) (MAY 1999)

(a) Definition. "Women-owned business concern," as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Representation. [Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The offeror represents that it * is a women-owned business concern.

K.4 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (FAR 52.209-5) (APR 2001)

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that--

(i) The Offeror and/or any of its Principals--

(A) Are are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have have not , within the three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; [This language stayed indefinitely. Please use paragraph (a)(1)(i)(D) below.]

(C) Are are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision; and [This language stayed indefinitely. Please use paragraph (a)(1)(i)(E) below.]

(D) Have have not , within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(E) Are are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in subdivision (a)(1)(i)(D) of this provision.

(ii)(A) [This paragraph (a)(1)(ii) is stayed indefinitely.] The offeror, aside from the offenses enumerated in paragraphs (a)(1)(i)(A), (B), and (C) of this provision, has has not within the past three years, relative to tax, labor and employment, environmental, antitrust, or consumer protection laws--

(1) Been convicted of a Federal or State felony (or has any Federal or State felony indictments currently pending against them); or

(2) Had a Federal court judgment in a civil case brought by the United States rendered against them; or

(3) Had an adverse decision by a Federal administrative law judge, board, or commission indicating a willful violation of law.

(B) If the offeror has responded affirmatively, the offeror shall provide additional information if requested by the Contracting Officer; and

(iii) The Offeror has has not , within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a

certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

K.5 PLACE OF PERFORMANCE (FAR 52.215-6) (OCT 1997)

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, intends, does not intend [check applicable block] to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks "intends" in paragraph (a) of this provision, it shall insert in the following spaces the required information:

Place of Performance
(Street Address, City,
State, County, Zip Code)

Name and Address of Owner
and Operator of the Plant
or Facility if Other than
Offeror or Respondent

**K.6 SMALL BUSINESS PROGRAM REPRESENTATIONS (FAR 52.219-1) (MAR 2001)--
ALTERNATE I (OCT 2000) AND ALTERNATE II (OCT 2000)**

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 541710.

(2) The small business size standard is 1500 employees.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations. (1) The offeror represents as part of its offer that it is, is not a small business concern.

(2) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, for general statistical purposes, that it is, is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it is, is not a women-owned small business concern.

(4) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it is, is not a veteran-owned small business concern.

(5) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.] The offeror represents as part of its offer that it is, is not a service-disabled veteran-owned small business concern.

(6) [Complete only if offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It is, is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office of ownership, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It is, is not a joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.] The offeror shall check the category in which its ownership falls:

Black American.

Hispanic American.

Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

Individual/concern, other than one of the preceding.

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

"Service-disabled veteran-owned small business concern"--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) Which is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice. (1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15

of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

- (i) Be punished by imposition of fine, imprisonment, or both;
- (ii) Be subject to administrative remedies, including suspension and debarment; and
- (iii) Be ineligible for participation in programs conducted under the authority of the

Act.

K.7 SMALL DISADVANTAGED BUSINESS STATUS (FAR 52.219-22) (OCT 1999)

(a) **General.** This provision is used to assess an offeror's small disadvantaged business status for the purpose of obtaining a benefit on this solicitation. Status as a small business and status as a small disadvantaged business for general statistical purposes is covered by the provision at FAR 52.219-1, Small Business Program Representation.

(b) **Representations.**

(1) **General.** The offeror represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either--

* (i) It has received certification by the Small Business Administration as a small disadvantaged business concern consistent with 13 CFR 124, Subpart B; and

(A) No material change in disadvantaged ownership and control has occurred since its certification;

(B) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(C) It is identified, on the date of its representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net); or

* (ii) It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(2)* **For Joint Ventures.** The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements at 13 CFR 124.1002(f) and that the representation in Paragraph (b)(1) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.]

(c) **Penalties and Remedies.** Anyone who misrepresents any aspects of the disadvantaged status of a concern for the purposes of securing a contract or subcontract shall--

(1) Be punished by imposition of a fine, imprisonment, or both;

(2) Be subject to administrative remedies, including suspension and debarment; and

(3) Be ineligible for participation in programs conducted under the authority of the

Small Business Act.

K.8 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (FAR 52.222-22) (FEB 1999)

The offeror represents that--

(a) It has, has not participated in a previous contract or subcontract subject the Equal Opportunity clause of this solicitation;

(b) It has, has not filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

K.9 AFFIRMATIVE ACTION COMPLIANCE (FAR 52.222-25) (APR 1984)

The offeror represents that (a) it () has developed and has on file, () has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or (b) it () has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

K.10 CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING (FAR 52.223-13) (OCT 2000)

(a) Submission of this certification is a prerequisite for making or entering into this contract imposed by Executive Order 12969, August 8, 1995.

(b) By signing this offer, the offeror certifies that--

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons: [Check each block that is applicable.]

(i) The facility does not manufacture, process, or otherwise use any toxic chemicals listed under section 313(c) of EPCRA, 42 U.S.C. 11023(c);

(ii) The facility does not have 10 or more full-time employees as specified in section 313(b)(1)(A) of EPCRA, 42 U.S.C. 11023(b)(1)(A);

(iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);

(iv) The facility does not fall within Standard Industrial Classification Code (SIC) major groups 20 through 39 or their corresponding North American Industry Classification System (NAICS) sectors 31 through 33; or

(v) The facility is not located within any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Northern Mariana Islands, or any other territory or possession over which the United States has jurisdiction.

K.11 HISTORICALLY BLACK COLLEGE OR UNIVERSITY AND MINORITY INSTITUTION REPRESENTATION (FAR 52.226-2) (MAY 1997)

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

"Historically Black College or University" means an institution determined by the Secretary of Education to meet the requirements of 34 CFR 608.2. For the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, the term also includes any nonprofit research institution that was an integral part of such a college or university before November 14, 1986.

"Minority Institution" means an institution of higher education meeting the requirements of Section 1046(3) of the Higher Education Act of 1965 (20 U.S.C. 1135d-5(3)) which, for the purpose of this provision, includes a Hispanic-serving institution of higher education as defined in Section 316(b)(1) of the Act (20 U.S.C. 1059c(b)(1)).

(b) Representation. The offeror represents that it-- is is not a Historically Black College or University; is is not a Minority Institution.

K.12 REPRESENTATION OF LIMITED RIGHTS DATA AND RESTRICTED COMPUTER SOFTWARE (FAR 52.227-15) (MAY 1999)

(a) This solicitation sets forth the work to be performed if a contract award results, and the Government's known delivery requirements for data (as defined in FAR 27.401). Any resulting contract may also provide the Government the option to order additional data under the Additional Data Requirements clause at 52.227-16 of the FAR, if included in the contract. Any data delivered under the resulting contract will be subject to the Rights in Data--General clause at 52.227-14 that is to be included in this contract. Under the latter clause, a Contractor may withhold from delivery data that qualify as limited rights data or restricted computer software, and deliver form, fit, and function data in lieu thereof. The latter clause also may be used with its Alternates II and/or III to obtain delivery of limited rights data or restricted computer software, marked with limited rights or restricted rights notices, as appropriate. In addition, use of Alternate V with this latter clause provides the Government the right to inspect such data at the Contractor's facility.

(b) As an aid in determining the Government's need to include Alternate II or Alternate III in the clause at 52.227-14, Rights in Data--General, the offeror shall complete paragraph (c) of this provision to either state that none of the data qualify as limited rights data or restricted computer software, or identify, to the extent feasible, which of the data qualifies as limited rights data or restricted computer software. Any identification of limited rights data or restricted computer software in the offeror's response is not determinative of the status of such data should a contract be awarded to the offeror.

(c) The offeror has reviewed the requirements for the delivery of data or software and states [offeror check appropriate block]--

* None of the data proposed for fulfilling such requirements qualifies as limited rights data or restricted computer software.

* Data proposed for fulfilling such requirements qualify as limited rights data or restricted computer software and are identified as follows:

Note: "Limited rights data" and "Restricted computer software" are defined in the contract clause entitled "Rights in Data--General."

K.13 COST ACCOUNTING STANDARDS NOTICES AND CERTIFICATION (FAR 52.230-1) (JUNE 2000)

Note: This notice does not apply to small businesses or foreign governments. This notice is in three parts, identified by Roman numerals I through III.

Offerors shall examine each part and provide the requested information in order to determine Cost Accounting Standards (CAS) requirements applicable to any resultant contract.

If the offeror is an educational institution, Part II does not apply unless the contemplated contract will be subject to full or modified CAS coverage pursuant to 48 CFR 9903.201-2(c)(5) or 9903.201-2(c)(6), respectively.

I. Disclosure Statement--Cost Accounting Practices and Certification

(a) Any contract in excess of \$500,000 resulting from this solicitation will be subject to the requirements of the Cost Accounting Standards Board (48 CFR Chapter 99), except for those contracts which are exempt as specified in 48 CFR 9903.201-1.

(b) Any offeror submitting a proposal which, if accepted, will result in a contract subject to the requirements of 48 CFR Chapter 99 must, as a condition of contracting, submit a Disclosure Statement as required by 48 CFR 9903.202. When required, the Disclosure Statement must be submitted as a part of the offeror's proposal under this solicitation unless the offeror has already submitted a Disclosure Statement disclosing the practices used in connection with the pricing of this proposal. If an applicable Disclosure Statement has already been submitted, the offeror may satisfy the requirement for submission by providing the information requested in paragraph (c) of Part I of this provision.

Caution: In the absence of specific regulations or agreement, a practice disclosed in a Disclosure Statement shall not, by virtue of such disclosure, be deemed to be a proper, approved, or agreed-to practice for pricing proposals or accumulating and reporting contract performance cost data.

(c) — Check the appropriate box below:

(1) Certificate of Concurrent Submission of Disclosure Statement. The offeror hereby certifies that, as a part of the offer, copies of the Disclosure Statement have been submitted as follows:

(i) Original and one copy to the cognizant Administrative Contracting Officer (ACO) or cognizant Federal agency official authorized to act in that capacity (Federal official), as applicable; and

(ii) One copy to the cognizant Federal auditor.
(Disclosure must be on Form No. CASB DS-1 or CASB DS-2, as applicable. Forms may be obtained from the cognizant ACO or Federal official and/or from the loose-leaf version of the Federal Acquisition Regulation.)

Date of Disclosure Statement: _____ Name and Address of
Cognizant ACO or Federal Official Where Filed: _____

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the Disclosure Statement.

(2) Certificate of Previously Submitted Disclosure Statement. The offeror hereby certifies that the required Disclosure Statement was filed as follows:

Date of Disclosure Statement: _____ Name and Address of
Cognizant ACO or Federal Official Where Filed: _____

The offeror further certifies that the practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices disclosed in the applicable Disclosure Statement.

(3) Certificate of Monetary Exemption. The offeror hereby certifies that the offeror, together with all divisions, subsidiaries, and affiliates under common control, did not receive net awards of negotiated prime contracts and subcontracts subject to CAS totaling \$50 million or more in the cost accounting period immediately preceding the period in which this proposal was submitted. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

(4) Certificate of Interim Exemption. The offeror hereby certifies that (i) the offeror first exceeded the monetary exemption for disclosure, as defined in (3) of this subsection, in the cost accounting period immediately preceding the period in which this offer was submitted and (ii) in accordance with 48 CFR 9903.202-1, the offeror is not yet required to submit a Disclosure Statement. The offeror further certifies that if an award resulting from this proposal has not been made within 90 days after the end of that period, the offeror will immediately submit a revised certificate to the Contracting Officer, in the form specified under subparagraph (c)(1) or (c)(2) of Part I of this provision, as appropriate, to verify submission of a completed Disclosure Statement.

Caution: Offerors currently required to disclose because they were awarded a CAS-covered prime contract or subcontract of \$50 million or more in the current cost accounting period may not claim this exemption (4). Further, the exemption applies only in connection with proposals submitted before expiration of the 90-day period following the cost accounting period in which the monetary exemption was exceeded.

II. Cost Accounting Standards--Eligibility for Modified Contract Coverage

If the offeror is eligible to use the modified provisions of 48 CFR 9903.201-2(b) and elects to do so, the offeror shall indicate by checking the box below. Checking the box below shall mean that the resultant contract is subject to the Disclosure and Consistency of Cost Accounting Practices clause in lieu of the Cost Accounting Standards clause.

The offeror hereby claims an exemption from the Cost Accounting Standards clause under the provisions of 48 CFR 9903.201-2(b) and certifies that the offeror is eligible for use of the Disclosure and Consistency of Cost Accounting Practices clause because during the cost accounting period immediately preceding the period in which this proposal was submitted, the offeror received less than \$50 million in awards of CAS-covered prime contracts and subcontracts. The offeror further certifies that if such status changes before an award resulting from this proposal, the offeror will advise the Contracting Officer immediately.

Caution: An offeror may not claim the above eligibility for modified contract coverage if this proposal is expected to result in the award of a CAS-covered contract of \$50 million or more or if, during its current cost accounting period, the offeror has been awarded a single CAS-covered prime contract or subcontract of \$50 million or more.

III. Additional Cost Accounting Standards Applicable to Existing Contracts

The offeror shall indicate below whether award of the contemplated contract would, in accordance with subparagraph (a)(3) of the Cost Accounting Standards clause, require a change in established cost accounting practices affecting existing contracts and subcontracts.

yes no

K.14 USE OF GOVERNMENT-OWNED PROPERTY (NASA 1852.245-79) (JUL 1997)

(a) The offeror () does, () does not intend to use in performance of any contract awarded as a result of this solicitation existing Government-owned facilities (real property or plant equipment), special test equipment, or special tooling (including any property offered by this solicitation). The offeror shall identify any offered property not intended to be used. If the offeror does intend to use any of the above items, the offeror must furnish the following information required by Federal Acquisition Regulation (FAR) 45.205(b), and NASA FAR Supplement (NFS) 1845.102-71:

(1) Identification and quantity of each item. Include the item's acquisition cost if it is not property offered by this solicitation.

(2) For property not offered by this solicitation, identification of the Government contract under which the property is accountable and written permission for its use from the cognizant Contracting Officer.

(3) Amount of rent calculated in accordance with FAR 45.403 and the clause at FAR 52.245-9, Use and Charges, unless the property has been offered on a rent-free basis by this solicitation.

(4) The dates during which the property will be available for use, and if it is to be used in more than one contract, the amounts of respective uses in sufficient detail to support proration of the rent. This information is not required for property offered by this solicitation.

(b) The offeror () does, () does not request additional Government provided property for use in performing any contract awarded as a result of this solicitation. If the offeror requests additional Government-provided property, the offeror must furnish --

(1) Identification of the property, quantity, and estimated acquisition cost of each item; and

(2) The offeror's written statement of its inability to obtain facilities as prescribed by FAR 45.302-1(a)(4).

(c) If the offeror intends to use any Government property (paragraph (a) or (b) of this provision), the offer must also furnish the following:

(1) The date of the last Government review of the offeror's property control and accounting system, actions taken to correct any deficiencies found, and the name and telephone number of the cognizant property administrator.

(2) A statement that the offeror has reviewed, understands, and can comply with all property management and accounting procedures in the solicitation, FAR Subpart 45.5, and NFS Subparts 1845.5 and 1845.71.

(3) A statement indicating whether or not the costs associated with paragraph (2) of this provision, including plant clearance and/or plant reconversion costs, are included in its cost proposal.

K.15 CENTRAL CONTRACTOR REGISTRATION (LaRC 52.204-101) (NOV 1999)

(a) *Definitions.* As used in this provision—

(1) "Central Contractor Registration (CCR) database" means the primary DoD repository for contractor information required for the conduct of business with NASA.

(2) "Data Universal Number System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) "Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by Dun and Bradstreet plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying sub-units or affiliates of the parent business concern.

(4) "Commercial Government and Entity Code (CAGE Code)" means –

(i) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or

(ii) A code assigned by a member of the North Atlantic Treaty Organization (NATO) that is recorded and maintained by DLIS in the CAGE master file.

(5) "Registered in the CCR database" means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding CAGE code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b)(1) The Offeror is requested to enter its CAGE Code below:

CAGE Code for contractor location: _____

(2) Offerors shall not delay submission of the offer pending receipt of a CAGE or registration in the CCR.

(3) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered should consider applying for registration immediately upon receipt of this solicitation.

(c) Offerors and contractors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr2000.com> or by calling 888-CCR-2423 (888-227-2423).

K.16 OFFEROR WAIVER OF PRICE EVALUATION ADJUSTMENT UNDER FAR CLAUSE 52.219-4 (LaRC 52.219-94) (JUN 2000)

Section I FAR Clause 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns, requires such businesses to elect whether they waive the price evaluation adjustment available. Those HUBZone small business concerns electing to waive the adjustment must check the box below, representing paragraph (c) of the clause.

Offeror elects to waive the evaluation preference.

K.17 OFFEROR WAIVER OF PRICE EVALUATION ADJUSTMENT UNDER FAR CLAUSE 52.219-23 (LaRC 52.219-95) (JUN 2000)

Section I FAR Clause 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business (SDB) Concerns, requires such concerns to elect whether they waive the price evaluation adjustment available. Those SDB concerns electing to waive the adjustment must check the box below, representing paragraph (c) of the clause.

Offeror elects to waive the adjustment.

K.18 COMPLIANCE WITH VETERANS EMPLOYMENT REPORTING REQUIREMENTS (FEB 1999)

By submission of its offer, the offeror represents that, if it is subject to the reporting requirements of 37 U.S.C. 4212(d) (i.e., the VETS-100 report required by Federal Acquisition Regulation clause 52.222-37, Employment Reports on Disabled Veterans and Veterans of the Vietnam Era), it has submitted the most recent report required by 37 U.S.C. 4212(d).

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

L.1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FAR 52.252-1) (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://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

Provision Number	Provision Title & Date
52.204-6	Data Universal Numbering System (DUNS) Number (Jun 1999)
52.211-14	Notice of Priority Rating for National Defense Use (Sep 1990) [The "DO" box is marked.]
52.215-16	Facilities Capital Cost of Money (Oct 1997)
52.222-24	Preaward On-Site Equal Opportunity Compliance Evaluation (Feb 1999)

NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

Provision Number	Provision Title & Date
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NONE INCLUDED BY REFERENCE

L.2 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (FAR 52.215-1) (MAR 2001)

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

"Discussions" are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

"In writing," "writing," or "written" means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

"Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

"Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

"Time," if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals.

(1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii) (A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary

evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with--the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award.

(1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal shall contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) The Government may disclose the following information in postaward debriefings to other offerors:

- (i) The overall evaluated cost or price and technical rating of the successful offeror;
- (ii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection;
- (iii) A summary of the rationale for award; and
- (iv) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

L.3 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (FAR 52.215-20) (OCT 1997) -- ALTERNATE IV (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Provide information described below: The contractor shall provide cost and pricing information as prescribed in L19, Paragraph G, Business Proposal (Volume II) instructions.

L.4 TYPE OF CONTRACT (FAR 52.216-1) (APR 1984)

The Government contemplates award of a cost-plus-award-fee contract resulting from this solicitation.

L.5 SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM—TARGETS (FAR 52.219-24) (OCT 2000)

(a) This solicitation contains a source selection factor or subfactor related to the participation of small disadvantaged business (SDB) concerns in the contract. Credit under that evaluation factor or subfactor is not available to an SDB concern that qualifies for a price evaluation adjustment under the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns, unless the SDB concern specifically waives the price evaluation adjustment.

(b) In order to receive credit under the source selection factor or subfactor, the offeror must provide, with its offer, targets, expressed as dollars and percentages of total contract value, for SDB participation in any of the North American Industry Classification System (NAICS) Industry Subsectors as determined by the Department of Commerce. The targets may provide for participation by a prime contractor, joint venture partner, teaming arrangement member, or subcontractor; however, the targets for subcontractors must be listed separately.

L.6 EVALUATION OF COMPENSATION FOR PROFESSIONAL EMPLOYEES

(FAR 52.222-46) (FEB 1993)

(a) Recompensation of service contracts may in some cases result in lowering the compensation (salaries and fringe benefits) paid or furnished professional employees. This lowering can be detrimental in obtaining the quality of professional services needed for adequate contract performance. It is therefore in the Government's best interest that professional employees, as defined in 29 CFR 541, be properly and fairly compensated. As a part of their proposals, offerors will submit a total compensation plan setting forth salaries and fringe benefits proposed for the professional employees who will work under the contract. The Government will evaluate the plan to assure that it reflects a sound management approach and understanding of the contract requirements. This evaluation will include an assessment of the offeror's ability to provide uninterrupted high-quality work. The professional compensation proposed will be considered in terms of its impact upon recruiting and retention, its realism, and its consistency with a total plan for compensation. Supporting information will include data, such as recognized national and regional compensation surveys and studies of professional, public and private organizations, used in establishing the total compensation structure.

(b) The compensation levels proposed shall reflect a clear understanding of work to be performed and shall indicate the capability of the proposed compensation structure to obtain and keep suitably qualified personnel to meet mission objectives. The salary rates or ranges must take into account differences in skills, the complexity of various disciplines, and professional job difficulty. Additionally, proposals envisioning compensation levels lower than those of predecessor contractors for the same work will be evaluated on the basis of maintaining program continuity, uninterrupted high-quality work, and availability of required competent professional service employees. Offerors are cautioned that lowered compensation for essentially the same professional work may indicate lack of sound management judgment and lack of understanding of the requirement.

(c) The Government is concerned with the quality and stability of the work force to be employed on this contract. Professional compensation that is unrealistically low or not in reasonable relationship to the various job categories, since it may impair the contractor's ability to attract and retain competent professional service employees, may be viewed as evidence of failure to comprehend the complexity of the contract requirements.

(d) Failure to comply with these provisions may constitute sufficient cause to justify rejection of a proposal.

L.7 SERVICE OF PROTEST (FAR 52.233-2) (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 Head, Services and Construction Contracting Branch, NASA, Langley Research Center, Mail Stop 126, Hampton, VA 23681-2199.

(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 SAFETY AND HEALTH PLAN (NASA 1852.223-73) (MAY 2001)

The offeror shall submit a detailed safety and occupational health plan as part of its proposal (see NPG 8715.3, NASA Safety Manual, Appendix H). The plan must include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and occupational health of contractor employees and to ensure the safety of all working conditions throughout the performance of the contract. The plan must similarly address safety and occupational health for subcontractor employees for any proposed subcontract whose value is expected to exceed \$500,000, including commercial services and services provided in support of a commercial item. Also, when applicable, the plan must address the policies, procedures, and techniques that will be used to ensure the safety and occupational health of: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including other contractor employees working on NASA contracts), and (4) high-value equipment and property. This plan, as approved by the Contracting Officer, will be included in any resulting contract.

Note: NPG 8715.3 can be found at URL http://nodis3.gsfc.nasa.gov/library/npg_sort.cfm, scroll down to NPG 8715.3 and click for the NASA Safety Manual, Appendix H

L.9 REQUESTS FOR WAIVER OF RIGHTS TO INVENTIONS (NASA 1852.227-71)
(APR 1984)

(a) In accordance with the NASA Patent Waiver Regulations, 14 CFR Section 1245, Subpart 1, waiver of rights to any or all inventions made or that may be made under a NASA contract or subcontract with other than a small business firm or a domestic nonprofit organization may be requested at different time periods. Advance waiver of rights to any or all inventions that may be made under a contract or subcontract may be requested prior to the execution of the contract or subcontract, or within 30 days after execution by the selected contractor. In addition, waiver of rights to an identified invention made and reported under a contract or subcontract may be requested, even though a request for an advance waiver was not made or, if made, was not granted.

(b) Each request for waiver of rights shall be by petition to the Administrator and shall include an identification of the petitioner; place of business and address; if petitioner is represented by counsel, the name, address and telephone number of the counsel; the signature of the petitioner or authorized representative; and the date of signature. No specific forms need be used, but the request shall contain a positive statement that waiver of rights is being requested under the NASA Patent Waiver Regulations; a clear indication of whether the request is for an advance waiver or for a waiver of rights for an individual identified invention; whether foreign rights are also requested and, if so, the countries, and a citation of the specific section or sections of the regulations under which such rights are requested; and the name, address, and telephone number of the party with whom to communicate when the request is acted upon. Requests for advance waiver of rights shall, preferably, be included with the proposal, but in any event in advance of negotiations.

(c) Petitions for advance waiver, prior to contract execution, must be submitted to the Contracting Officer. All other petitions will be submitted to the Patent Representative designated in the contract.

(d) Petitions submitted with proposals selected for negotiation of a contract will be forwarded by the Contracting Officer to the installation Patent Counsel for processing and then to the Inventions and Contributions Board. The Board will consider these petitions and where the Board makes the findings to support the waiver, the Board will recommend to the Administrator that waiver be granted, and will notify the petitioner and the Contracting Officer of the Administrator's determination. The Contracting Officer will be informed by the Board whenever there is insufficient time or information or other reasons to permit a decision to be made without unduly delaying the execution of the contract. In the latter event, the petitioner will be so notified by the Contracting Officer. All other petitions will be processed by installation Patent Counsel and forwarded to the Board. The Board shall notify the petitioner of its action and if waiver is granted, the conditions, reservations, and obligations thereof will be included in the Instrument of Waiver. Whenever the Board notifies a petitioner of a recommendation adverse to, or different from, the waiver requested, the petitioner may request reconsideration under procedures set forth in the Regulations.

L.10 PATENT RIGHTS CLAUSES (NASA 1852.227-84) (DEC 1989)

This solicitation contains the patent rights clauses of FAR 52.227-11 (as modified by the NFS) and NFS 1852.227-70. If the contract resulting from this solicitation is awarded to a small business or nonprofit organization, the clause at NFS 1852.227-70 shall not apply. If the award is to other than a small business or nonprofit organization, the clause at FAR 52.227-11 shall not apply.

L.11 INSURANCE – IMMUNITY FROM TORT LIABILITY (1852.228-80) (SEP 2000)

If the offeror is partially or totally immune from tort liability to third persons as a State agency or as a charitable institution, the offeror will include in its offer a representation to that effect. When the successful offeror represented in its offer that it is immune from tort liability, the following clause(s) will be included in the resulting contract:

- (a) When the offeror represents that it is partially immune from tort liability to third persons as a State agency or as a charitable institution, the clause at FAR 52.228-7, Insurance -- Liability To Third Persons, and the associated NFS clause 1852.228-81, Insurance -- Partial Immunity From Tort Liability, will be included in the contract.
- (b) When the offeror represents that it is totally immune from tort liability to third persons as a State agency or as a charitable institution, the clause at NFS 1852.228-82 Insurance -- Total Immunity From Tort Liability, will be included in the contract.

L.12 PROTESTS TO NASA (NASA 1852.233-70) (MAR 1997)

Potential bidders or offerors may submit a protest under 48 CFR Part 33 (FAR Part 33) directly to the Contracting Officer. As an alternative to the Contracting Officer's consideration of a protest, a potential bidder or offeror may submit the protest to the Deputy Associate Administrator for Procurement, who will serve as or designate the official responsible for conducting an independent review. Protests requesting an independent review shall be addressed to Deputy Associate Administrator for Procurement, NASA Code H, Washington, DC 20546-0001.

L.13 RESERVED

L.14 OFFERORS LIBRARY

An electronic Offerors Library has been established for this procurement. The Library is accessible by accessing the following Internet site:

<http://asd-www.larc.nasa.gov/ASRATSS>

L.15 SMALL DISADVANTAGED BUSINESS (SDB) PARTICIPATION TARGET AND SMALL BUSINESS (SB) SUBCONTRACTING GOAL (LaRC 52.219-91) (JUN 2000)

It is the policy of the United States Government to provide the maximum practicable opportunity for SB, HUBZone SB, SDB, and women-owned SB concerns to participate in performing its contracts. Such concerns shall also have the maximum practicable opportunity to participate as subcontractors in Government contracts, consistent with efficient contract performance. Additionally, NASA has a statutory goal to make available to SDB concerns, Historically Black Colleges and Universities, minority institutions, and women-owned SB concerns at least 8 percent of NASA's procurement dollars (See Section I NFS Clause 1852.219-76). The Government has also established mechanisms to incentivize, at the prime and subcontract level, the participation of SDB concerns in the Standard Industrial Classification (SIC) Major Groups as determined by the Department of Commerce.

In keeping with the Government and Agency policy goals, the source evaluation factors in Section M of this solicitation include consideration of the planned participation of SB concerns.

Section I FAR Clause 52.219-9 of this solicitation also requires each large business offeror to submit with its proposal a Small Business Subcontracting Plan. (The Subcontracting Plan is not required to be submitted by SB offerors.) The Government has determined that a reasonable goal for this procurement for subcontracting to SB concerns:

Total Small Business Subcontracting	25% of the contract price
-------------------------------------	---------------------------

The following are subsets of the 25% SB goal:

Small Disadvantaged Business (SDB)	10%
Woman-Owned Small Business	5%
Veteran-Owned	3%
HUBZone	2%
Historically Black Colleges and Universities	1%

The Small Business Subcontracting Plan will be evaluated under Mission Suitability Subfactor 2 (See L.19 F.2. b.(4) and M.2.A.d.

The Government will separately evaluate the participation, at the prime and subcontract level, of SDB concerns in the SIC Major Groups as determined by the Department of Commerce. In accordance with FAR 19.1202, this solicitation contains an applicable source selection subfactor (See L.19.F.2.c. and M.2.A.3.

The offeror shall make an independent assessment of SDB participation and SB subcontracting opportunities to attain or exceed the subcontracting goals indicated above, and to achieve the maximum practicable SDB participation target for this procurement.

The solicitation also includes a Price Evaluation Adjustment for SDB concerns in accordance with FAR Subpart 19.11 (See Section I FAR Clause 52.219-23) and for HUBZone Small Businesses (See Section I FAR Clause 52.219-4).

After the award, the contractor's record in achieving the contract specified SDB participation target in the SIC Major Groups as well as the Small Business Subcontracting goal will be a factor in determining the amount of award fee to be earned by the contractor.

L.16 COMMUNICATIONS REGARDING THIS SOLICITATION (LaRC 52.204-95)
(OCT 1993)

Any communications in reference to this solicitation shall cite the solicitation number and be directed to the following Government representatives:

Name: Charlotte T. Hardy
David H. Jones (alternate)
Phone: (757) 864-2526/2421 (COLLECT CALLS NOT ACCEPTED)
Facsimile: (757) 864-7709
Address: National Aeronautics and Space Administration
Langley Research Center
Attn: Charlotte T. Hardy, Mail Code 126
Hampton, VA 23681-2199

Any written communications must include the mail code on the envelope or on the telex.

L.17 FACSIMILE TRANSMISSION--BIDS OR PROPOSALS (LaRC 52.204-100) (APR 1996)

(a) Definition. "Facsimile transmission," as used in this solicitation, means a submittal, via electronic equipment that communicates and reproduces both printed and handwritten material, for a modification of a bid or proposal or withdrawal of a bid or proposal that is submitted to and received by the Government, or an acknowledgment of amendment(s) to the solicitation.

(b) OFFERORS MAY NOT SUBMIT FACSIMILE BIDS OR PROPOSALS AS RESPONSES TO THIS SOLICITATION. Facsimile bids or proposals will not be considered.

L.18 CONTRACTOR'S OFF-SITE FACILITY

The successful offeror shall provide an off-site facility to house some personnel, Government furnished property (Exhibit B) and contractor-furnished property. In addition, the successful offeror shall provide as a minimum a 50 MB/sec communications link to the off-site facility that will be used to interface with LaRCNET Communications Network. This link shall be upgraded over the life of the contract as required by mission support requirements, technology enhancements and cost feasibility. For proposal

preparation purposes only, assume the Government will provide space for up to 110 individuals for SOW element 4.0 and up to 70 for SOW elements 3.0 and 5.0 combined.

L.19 PROPOSAL PREPARATION AND SUBMISSION--SPECIAL INSTRUCTIONS

A. General Information

1. Requirement for Special Technical Capabilities -- It is NASA policy to obtain maximum practicable competition consistent with the nature of each procurement. However, to prevent unnecessary expense associated with preparation and submission of a proposal, only firms with demonstrated experience and background in the Statement of Work areas are encouraged to respond to this request.

2. It is noted that the Statement of Work generally describes the technical mission. For proposal purposes only, Attachment 4 sets forth representative Notifications of Work (NOWs), which provide insight as to the subject matter which will be included in the NOWs to be issued by the Government after award of the contract.

B. Number of Proposals, Time and Place of Submission -- The offeror shall submit the original and 12 copies of each volume of its proposal to the address shown in Block 8 of the Standard Form (SF) 33 (face page of this solicitation), or if hand carried, to the depository listed in Block 9 of the SF 33. Offers must be received at the place indicated on or before the date and hour shown in Block 9 of the SF 33.

C. Proposal Clarity -- The offeror's proposal shall be specific, complete, and concise. The offeror is urged to examine this solicitation in its entirety and to assure that its proposal contains all the necessary information, provides all required documentation and is complete in all respects since evaluation of the proposal will be based on the actual material presented and not on the basis of what is implied. The offeror shall ensure that the cost proposal is consistent with the technical proposal in all respects since the cost proposal may be used as an aid to determine the offeror's understanding of the technical requirements. Discrepancies may be viewed as a lack of understanding.

D. Proposal Format and Content --Proposals must be submitted in two (2) volumes.

1. Volume 1 shall consist of:

- a. Technical/Management Oral Presentation Package (T/MOPP)
- b. Small Business Subcontracting Plan from other than Small Business
- c. Professional Compensation Plan
- d. Small Disadvantaged Business Plan, if applicable
- e. Safety and Health Plan
- f. Executed Attachment 6

No cost information shall be included in Volume 1.

2. Volume I and Volume II, with the exception of early submission of Factor 3 -- Past Performance information, shall be submitted by the date set forth in Block 9 of the Standard Form (SF) 33 (face page of this solicitation). The Offeror shall submit an original and 12 copies of Volume I Technical Proposal and an original and 12 copies of Volume II Business Proposal, with the exception of Past Performance information, to the address shown in Block 9 of SF 33, or if hand carried, to the depository listed in Block 9 of the SF 33. A copy of the cost proposal shall be submitted to the responsible DCAA representative at the time of proposal submission. Submittal of Past Performance information is contained in Paragraph E, below. The oral presentation portion of Volume 1 shall be presented approximately 10 days from the proposal submittal date. The NASA, LaRC Contracting Officer will schedule the sequence of Offeror oral presentations by lottery and will notify each Offeror as to the assigned date and place at Langley Research Center for their oral presentation. No requests to

reschedule presentations will be considered unless deemed necessary by the Government due to unanticipated procurement problems or delays.

3. The Volume I T/MOPP shall conform to the evaluation subfactors in order and content as presented below in Paragraph F. It shall be divided into the following major sections: (1) Subfactor 1 – Understanding the Requirements, (2) Subfactor 2 – Management Plan, (3) Summaries of the Small Business Subcontracting Plan from other than Small Business, Professional Compensation Plan, Small Disadvantaged Business Plan, if applicable, Safety and Health Plan and Attachment 6. The presentation is limited to four hours and shall be limited to 150 viewgraphs (excluding cover page, table of contents, section tabs/dividers, and list of acronyms, which shall not be numbered). Any viewgraph responding to negative past performance evaluations are not to be counted in the 150 limit. (The Government will provide any negative past performance information to the offeror at least three working days prior to the presentation date.) The font sizes of text charts shall be no smaller than 16 points. Charts containing tables and/or graphics/diagrams are permitted to use a font size no smaller than 12 points. The T/MOPP presentation packages shall be numbered individually (original and copies 1-12) for proposal control. The Offeror shall provide a listing of the names, firms, and position titles of all their participants at the oral presentation.

4. The Volume II Business Proposal is not page limited. Pages shall be numbered. It shall be strictly limited to responses to Factor 2, Factor 3, and the executed Section K, Representations, Certifications, and Other Statement of Offerors.

5. Each volume shall be specific and complete. Each volume shall include the detailed information outlined below in order that it can be evaluated in accordance with the evaluation factors set forth in Section M of this solicitation. The offeror shall structure each volume to adhere to the Factor headings listed below.

6. The offeror shall submit a contract offer with the original of its business proposal. The contract offer shall consist of the following: three signed originals of the SF 33 with Block 12 and 18 filled-in; only the pages for Sections B through C and E through J that require fill-ins (i.e. Section B.1 (basic 2-year period of performance), B.4, H.9, H.15, H.18, Clauses 52.219-4, 52.219-24, 52.227-23 etc.); Section K and all properly acknowledged amendments. The balance of the solicitation need not be returned unless the offeror has made changes to pages that will constitute part of the contract. Include with your contract offer a cover letter stating acceptance of the proposed contract terms and conditions that are incorporated in this RFP and will be included in a resultant contract.

Should you be awarded the contract (as evidenced by the Contracting Officer's signature on SF 33), an original of the contract offer as submitted with your proposal will be returned to you. The balance of the contract should be withdrawn from the solicitation and included as part of your copy of the fully executed contract.

It is critical that conforming signed contracts be submitted with each offer, as it is anticipated that award may be made without discussions.

E. Early Submission of Past Performance (Factor 3) Information

1. No later than 4:00 p.m., local time, August 23, 2001, the Offeror shall provide the information set forth under L.19, G.2 Factor 3 – Past Performance. This portion of the proposal can be submitted electronically.

2. Offerors are requested to forward copies of the Past Performance (PP) Form (See Attachment 2) to those agencies and/or firms identified. The Source Evaluation Board (SEB) members are likely to contact the named individuals and conduct a telephonic survey of past performance using the Attachment 2 PP as the guide.

3. For additional requirements for submission of Past Performance data see Factor 3 – Past Performance.

F. TECHNICAL PROPOSAL - VOLUME I

1. PRESENTATION

a. T/MOPP and Oral Presentations -- Only material submitted by the proposal due date set forth in Block 9 of SF 33 shall be presented at the oral presentation. It is the responsibility of the Offeror to present the T/MOPP in the time allotted. All information contained in the T/MOPP submitted by the due date will be evaluated. All information contained on every chart does not have to be explicitly covered during the oral presentation for it to be evaluated. No additional time will be provided beyond the schedule set forth below. Only typographical errors may be corrected in the presentation material beyond the proposal due date. Presentation material not submitted by the proposal due date, shall not be presented at the oral presentation and will not be considered by the evaluation team.

b. Presentation Equipment --The Government will have available a PC with Microsoft Office 2000 and CDROM for electronic presentation and a viewgraph capability. Offeror's shall bring back-up viewgraph material of PC-based electronic presentations in the event of government computer equipment failure.

c. Presentation Agenda --The contractor oral presentations shall be limited to four (4) hours. The contractor shall be prepared to begin the oral proposal at 8:15 a.m., local time with one 15-minute break beginning at 10:15 am

The proposed agenda is as follows:

Opening Remarks (SEB Chairman)	8:00 a.m. to 8:15 a.m.
Offeror's Presentation	8:15 a.m. to 10:15 a.m.
Break	10:15 a.m. to 10:30 a.m.
Offeror's Presentation (Cont.)	10:30 am to 12:30 p.m.
SEB Caucus / Lunch	12:30 p.m. to 2:30 p.m.
Clarification/Rebuttal of Negative PP	2:30 p.m. to 4:30 p.m.

d. Presenter Guidelines—Only members of the Offeror's and proposed subcontractor's in-house staff shall participate in the presentation. The only exception is that any individuals who are proposed to perform on the contract, such as the Contract/Project Manager, but who are not currently employed by the offeror/subcontractor, may participate in the presentation.

The oral presentations must be made in person. No pre-recorded videotapes will be allowed. The only required presenter is the proposed Contract/Program Manager. The number of attendees is limited to 10 including any subcontract staff. To facilitate obtaining badges for the attendees, provide no more than 10 names to the LaRC point of contact via fax (757) 864-7898) or e-mail to c.t.hardy@larc.nasa.gov by the proposal due date specified in Block 9 of SF 33. Please submit via fax or e-mail indicating the names of employees who will be attending the oral presentation and advise whether or not they are U.S. citizens.

e. Clarification of Proposals -- During the oral presentation the Government will not ask questions. Clarification requests will be limited to asking the Offeror to repeat statements that were not heard clearly. After completion of the oral presentation, the Government evaluators will caucus for two hours. Upon return, the Government may request clarification of any points addressed which are unclear. Any such interchange between the Offeror and the Government will be for clarification only and will not constitute discussions within the meaning of FAR 15.306. The time for clarification will not count against the time limit.

f. Videotaping of the Presentation -- The Government will videotape each Offeror's presentation and the Government clarification period. These videotapes will be used by the SEB, if necessary, during the evaluation process. A copy of the videotape will be provided to the offeror for their records.

g. Government Attendance --The Government evaluation team will be present at all oral proposal presentations (approximately 20 persons). The Government evaluation team includes the SEB voting members and the recorder and key technical experts in science and engineering disciplines. Other technical consultants and SEB non-voting and ex-officio members may also attend on an as available basis.

2. FACTOR 1 - MISSION SUITABILITY

The offeror's response to the Mission Suitability Factor and subfactors shall reference the appropriate paragraphs of the Statement of Work (SOW) in Section C whenever they are applicable.

The offeror shall identify and discuss relevant programmatic risk areas associated with each Mission Suitability subfactor and approach for managing these risks. Programmatic risks include, but are not limited to, technical, schedule, cost, safety, occupational health, security (including personnel, information technology, and facilities/property), the need to involve foreign sources (contractor and/or governmental) and the risk of unauthorized technology transfer (see NPG 2190, NASA Export Control Program), and environmental considerations. The analysis conducted shall address the probability of success, the impact of failure, and the alternatives available to meet the solicitation requirements.

a. Subfactor 1 - Understanding the Requirement

(1) Technical Approach and Methodology

(a) The offeror shall include a discussion of its approach to meeting the requirements of the contemplated contract. The technical approach shall be specific, detailed, and complete enough to clearly and fully demonstrate that there is an understanding of the requirements and the inherent problems associated with the objectives of this procurement. The offeror shall explain their proposed techniques and procedures for implementing the requirement and proposed planning methodology, specifically addressing differing customer requirements. Stating that you understand and will comply with the specifications, or paraphrasing the specifications is inadequate as are phrases such as: Standard procedures will be employed and well-known techniques will be used. Information previously submitted, if any, will be considered only to the extent it is resubmitted.

(b) Based on the services listed in representative NOWs (Attachment 4), the Workload Indicators (Attachment 5), and the historical data located in the Offeror's Library, the offer shall provide a narrative that addresses their technical approach and methodology for providing overall support and satisfying the customers in the dynamic and evolving technology environment that exist under the contract.

(c) The offeror shall describe its approach to reducing operating costs during the life of the contract while increasing the quality of products and services associated with Section 4.0 of the SOW through process reengineering and technology infusion. The offeror shall address dynamic changes in technology and its plan to efficiently integrate in an operational environment.

(d) The offeror shall propose a single integrated approach for maintaining the Government's rights to data, which includes all data and software produced by the prime and small and large business subcontractors, under this contract. In addition, the offeror shall describe how they plan to protect the intellectual property of the Government researchers.

(2) Technical Competencies

(a) The offeror shall provide the proposed staffing and skill mix that are needed to provide the required functions and services in the SOW using the representation NOWs. Use Attachment 6 to map the proposed staffing (number of full time equivalents (FTE) and skill mix (use Classification and Category provided in Attachment 7) into the appropriate functions areas under each SOW Section. For each SOW functional area identified in Attachment 6, also provide a discussion of the core skill categories proposed using the following parameters:

- (i) Key elements of the position
- (ii) Required education
- (iii) Required experience
- (iv) Key skills and abilities required

In preparing this portion of your proposal, use the direct labor classification descriptions in Attachment 7.

(b) Offerors shall identify the positions in the contract organization which they consider to be key (for example the Contract/Program Manager) to the successful implementation and performance of the contract, and explain why the identified positions are considered to be key. The offeror shall identify only the proposed individual to serve as the Contract/Program Manger. The offeror shall include the intended commitment, the education, relevant experience and capabilities and provide a resume of the proposed Contract/Program Manager. All other personnel who will fill the other key positions are not required to be identified. Offerors shall specify duties of all key positions, and the education, experience and other qualifications they expect the selected individuals to possess.

b. Subfactor 2 - Management Plan

(1) Organizational Structure

(a) The offeror's proposal shall include a description of its proposed organization for the contract and an organization chart. The organization chart shall identify all managerial and key personnel for this contract, by title. Clearly state the responsibilities and authorities of each manager and key personnel by describing such elements as his/her span of control, degree of autonomy, and lines of communication. All interfaces with LaRC personnel must be clearly delineated.

(b) If a team (comprised of a prime and subcontractor(s)) is proposed, show the interfaces of all subcontractors to each other, to the prime's organizational structure, and to LaRC. Provide (a) a separate organization chart for each subcontractor; (b) the basis for selection of the subcontractor(s); and (c) the nature and extent of the work to be performed by the prime and subcontractor(s). Identify the key management elements that assure the timely, effective, and efficient completion of work for the entire team composition. An explanation of subcontractor(s) responsibility as part of the prime contractor team shall be given, discussing all lines of communication. The proposal shall also address the effectiveness of the proposed organizational structure, and how the organizational structure maximizes the amount of resources used to perform the work.

(2) Management Approach

(a) The offeror's plans for attracting and maintaining competent staffing for the term of the contract will be evaluated. The offeror shall address personnel training and other means of achieving effective personnel performance and procedures which contribute to employee retention and productivity (such as career development, promotion procedure, employee recognition and methods of dealing with deficiencies in performance). The offeror shall address their policy for telecommuting and irregular work schedules. The offeror shall also include its approach for recruiting replacement or additional personnel.

(b) Plans for organizing, prioritizing, assigning, tracking, performing and controlling the services defined in the NOWs shall be addressed.

(c) The offeror's approach for contract cost control to include controlling actual vs. planned costs, forecasting, and tracking shall be described.

(d) Offerors shall describe their approach for accomplishing urgent, short turn around requirements that may be beyond the capabilities of the regular staff. Also, offerors shall describe their abilities and methods for operating 7 days a week, 24 hours a day for SOW 4.2 Operations, adapting to changing requirements, priorities, fluctuating workloads and funding, and personnel absences without an adverse impact of successful contract performance. Indicate your ability to staff for fluctuating requirements from existing resources and from outside sources. Also indicate your policies on temporary assignments of company personnel with relevant specialized skills.

(e) Offerors shall describe corporate resources that are readily available to be utilized in support of contract performance, including the ability to provide specialized personnel and recognized experts on short notice when needed.

(f) Offerors shall specifically describe their approach for accomplishing the administrative and logistical support as specified in Attachment 5 under Element 6.0 Administration & Logistical Support, and as defined in the Statement of Work, Section C, Paragraph 6.0.

(g) The offeror shall provide details of its surveillance plan which specifies how and when contract performance will be evaluated. The proposed surveillance plan shall describe the Offeror's method to determine if the performance requirements are met in the contract. The plan shall focus on the quality and timeliness of the services to be provided, and not on the steps required or procedures used to provide the services. The Government has developed a draft Award Fee Plan (Attachment 3) that describes the Government's plans to evaluate, among other things, the schedule and performance quality. The Offeror's Surveillance plan shall highlight any proposed linkage that may facilitate the Government's performance evaluation plan including new performance evaluation standards and supporting rationale.

(3) Transition/Phase-In

The offeror's plan to minimize changeover difficulties and to maximize continuity of services to the Government will be evaluated. The offeror's proposal shall cover such things as phase-in plans, recruiting methods, plans for training (including initial orientation), and policies and procedures which contribute to employee recruiting and hiring. (such as fringe benefits, career development, and salary. The expected amount of incumbent personnel retention and the basis shall be specified. Indicate your planned incumbent capture rate (if any), the basis of this rate, and the methods you propose to recruit and hire incumbents and new hires. The basis for the incumbent capture rate shall include descriptive and historical data on similar or previous contracts (e.g., number of employees, whether the effort was historical data on similar or previous contracts (e.g., number of employees, whether the effort was performed on-site or off-site, initial incumbent capture rate, and retention rate of incumbents). The offeror shall discuss the facility to house both the off-site personnel and the "Science Computing Mission Critical Systems" identified in Exhibit B. This shall include the proposed location, the lease/purchase arrangement, the proximity to NASA LaRC, and the accessibility of the facility and equipment to Government personnel. The offeror shall describe the critical SOW requirements and NOW elements where continuity of services during the contract transition must be maintained.

(4) Professional Compensation Plan

The offeror shall provide details of its compensation plans for professional employees proposed to perform the Statement of Work; including any teaming partners and subcontractors. Include salaries, hourly rates, and a detailed description of Fringe Benefits. Itemize the

benefits that require employee contributions and the amount of the contribution as a percentage of the total cost of the benefit and the employee's salary or wage. Describe policies and procedures for establishing salaries or wages for any retained incumbent contractor employees and any eligibility and vesting requirements relative to fringe benefits (e.g., vacation, medical, insurance, sick leave and retirement). Describe how pre-existing medical conditions for incumbents and their dependents will be handled under the offeror's insurance plan. Detail and provide a copy of the offeror's policies and procedures relative to uncompensated overtime and the historical basis for any uncompensated overtime proposed. The rationale and methodology used to estimate the uncompensated overtime (if any) for the offeror and its subcontractors shall be addressed. The effect of the uncompensated overtime on the effective hourly rate for all Fair Labor Standards Act (FLSA)-exempt employees shall be included. The offeror's compensation plan shall also address the information required by FAR 52.222-46 contained at L.6 of this RFP.

(5) Small Business Subcontracting Plan

Each large business offeror shall submit its Small Business Subcontracting Plan for insuring the maximum practicable participation of Small Business concerns in the performance of this contract, as required by Section I clauses FAR 52.219-8 and 52.219-9. This plan shall comply with the Section I FAR Clause 52.219-9 and include separate goals for the basic contract and for each option period. The plan shall include the identification of specific small businesses which will perform work on the contract, if known; the extent of commitment to use small business concerns; and the types and amount of work to be performed by small businesses. The Government has determined that a reasonable goal for this procurement for subcontracting to SB concerns overall is as follows:

Total Small Business Subcontracting	25% of the contract price
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The following are subsets of the 25% SB Goal:

Small Disadvantaged Business (SDB)	10%
Woman-Owned Small Business	5%
Veteran-Owned	3%
HUBZone	2%
Historically Black Colleges and Universities	1%

(Note that while the Plan required by FAR 52.219-9 requires goals to be expressed as a percentage of total planned subcontracting dollars, the Government will evaluate the proposed goals as a percentage of the proposed contract price.) For the purpose of preparing the Subcontract Plan, assume a contract price equal to the total contract price computed on the Cost Forms (Attachment 8 to this RFP).

c. Subfactor 3 – Small Disadvantaged Business (SDB) Plan

Note: The offeror should not respond to this subfactor if it is a small disadvantage business AND it does not waive the price adjustment pursuant to FAR Clause 52.219-23 entitled "Notice of Price evaluation Adjustment for Small Disadvantaged Business Concerns.

The offeror shall submit its plan for insuring the maximum practicable participation of SDB firms in the NAICS Groups as determined by the Department of Commerce (the authorized Groups) in the performance of this contract.

The offeror shall provide targets for the basic contract period and for each option period. These targets shall be expressed as dollars and percentages of total contract value, in each of the authorized Groups. A total target for SDB participation by the contractor, including joint venture partners and team members, and a total target for SDB participation by subcontractors shall be specified. If the offeror is an SDB that has waived the SDB price evaluation adjustment at 52.219-23, it shall provide with its offer a target for the work that it intends to perform in the authorized Groups as the

prime contractor. Any targets will be incorporated into and become part of any resulting contract (See H-18).

The offeror shall describe its approach and methods for insuring SDB participation. The proposal shall include identification of specific SDBs that will perform work on the contract if known; the extent of commitment to use SDB concerns; plans, if any, for participation in the NASA Mentor-Protégé Program (see NFS Subpart 1819.72); and the types and amount of work to be performed by SDBs. In addition, the offeror shall identify and discuss its past performance in complying with subcontracting plan goals for SDB concerns and monetary targets and/or contract specified goals for SDB participation. (This past performance information shall be included for those contracts listed for the offeror for Factor 3, Past Performance).

d. Subfactor 4 - Safety and Health Plan

The offeror shall comprehensively identify potential safety and health risks and plans for mitigating such risks. In addition, the offeror shall provide a safety and health plan in accordance with NFS Provision 1852.223-73, Safety and Health Plan. The approach for complying with all applicable NASA policies and procedures relative to safety, occupational health, NASA Policy Guide (NPG) 8715.1 "NASA Safety and Health Handbook, Occupational Safety and Health Programs," and NPG 8715.3 "NASA Safety Manual" shall be discussed. (See Attachment 1, Safety and Health Plan Instructions.)

G. BUSINESS PROPOSAL - VOLUME II

1. FACTOR 2 - COST

Under requirements of the Federal Acquisition Regulation (FAR), the Contracting Officer is responsible for determining reasonableness of prices. It is expected that adequate price competition will be obtained under this solicitation and that a determination of price reasonableness will be made in accordance with FAR 15.403-3. However, to establish cost realism and the extent to which prices reflect performance addressed in the Technical Proposal, each offeror is required to submit cost or pricing information with its proposal pursuant to FAR 52.215-20, Alternate IV.

a. The offeror shall fully comply with the requirements set forth in FAR 15.408, Table 15-2, I. General Instructions A, E, G, and II. Cost. Include in the cost proposal sufficient detail to support and explain all costs proposed, giving figures and narrative explanation. Since an award may be made without further discussion, this information must be submitted with an offeror's proposal.

b. The cost proposal shall be prepared in a manner consistent with your current accounting system. Provide a statement verifying that you have an approved Accounting System, including the approval date and the name of the reviewing office. List any other systems, such as estimating, purchasing, billing, compensation, and budgeting, that have been reviewed or are under review, showing the status, outstanding issues, approval date, and name of the reviewing office. Identify your responsible Defense Contract Audit Agency (DCAA) Office. If applicable, provide a copy of your most current Forward Pricing Rate Agreement, a statement on the status of your Cost Accounting Standards Disclosure Statement and that your proposal was proposed in accordance with that Disclosure Statement, and the status of any unresolved Cost Accounting Standard issues.

c. Each subcontract expected to exceed a total of \$550,000 shall also be supported in a similar manner consistent with paragraph G, BUSINESS PROPOSAL – VOLUME II. Prospective subcontractors may submit proprietary cost data directly to the Government no later than the date and time specified in the instructions for receipt of offers for this RFP.

d. Complete the Cost Forms included as Attachment 8 to this solicitation. Identify, explain, and reconcile any differences between Cost Form classifications and/or rates and those classifications and/or rates in the offeror's established accounting system. For example, if contract years

cross your fiscal years, show how fiscal year rates were apportioned to establish contract year rates. This establishes an audit trail from the Cost Forms to the offeror's books and records. Read all Cost Form instructions carefully.

e. Computerized Cost Proposal Input Instructions

(1) The Government intends to use personal computers with Windows EXCEL 97 software to aid in the evaluation of the cost proposals. The Offeror and subcontractor(s) providing direct labor shall submit cost information saved (1) in a format that can be opened with the specified software and (2) on an IBM-compatible 3-1/2 inch diskette or CD, two copies, formatted for use in Windows 95, Windows 98, Windows 2000, or Windows NT. **Offerors shall virus scan all diskettes/CDs prior to submission.** Computerized cost data must be the identical data/information and format as that submitted in the paper proposal. In the event of any inconsistency between the diskettes and the paper proposal, the paper proposal will be considered the intended version. Any questions related to the computerized cost proposal shall be directed to Jeanne D. Covington at (757) 864-2545

(2) Each diskette or CD submitted must have an external label attached to it marked with the offeror's name and the solicitation number. It is preferred that all data/information be provided under one file; however, if the information you are submitting requires more than one file, save all files under one directory and no two files or folders shall have the same file name. All linking must be within that directory. There shall be no external links. The offeror's cost files/directory name must begin with at least the first four letters of the company's name or normal abbreviation, for example, Always Be Careful, Inc. cost file would be Always.xlw or ABCI.xlw.

ALL ELECTRONIC COST SUBMISSIONS SHALL BE TRUE SELF-CALCULATING SPREADSHEETS. Any "absolute values" must be explained and supported.

f. Other Price and Cost Detail Instructions

(1) All cost and pricing information shall be submitted in a format consistent with the contract's base two-year period of performance and three one-year option periods. Assuming a phase-in start date of December 1, 2001 and a contract implementation date of February 1, 2002, the base two-year period shall be further broken down into three periods: [1] December 1, 2001 through January 31, 2002 (Phase-in), [2] February 1, 2002 through November 30, 2002 (10-month period), and [3] December 1, 2002 through November 30, 2003. The prime contractor and any direct labor subcontractor(s) shall submit cost and pricing information to support their proposal(s).

(2) You are reminded that the contractor is responsible for providing all vehicles and facilities (e.g. personal computers, copier capabilities, fax machines, paper) necessary to perform the requirement in the Statement of Work (SOW) other than those specified in Exhibits A and B and NASA FAR Supplement 1852.245-77 of the contract which contain a complete list of Government furnished facilities that will be available for your use to complete the requirement of the contract. The contractor must replace, with their own equipment, any non-mission critical facilities noted in Exhibit A.2, A.4 and B.2 that reach the end of their useful life and are still required for performance of the SOW. Equipment that is shared with the Government on-site at LaRC and off-site at the Contractor's facility, will be maintained and replaced by the Government.

(3) Labor – The offeror must propose the direct labor hours necessary to provide the services set forth in the Statement of Work (SOW). Historically, the effort required is summarized in Attachment 5 and further detailed in the Offerors' Library (See L.14). The offeror's proposal must show the hours and costs by labor classification/category; however, the resultant contract will not reflect a specified level-of-effort. If any of the positions are classified by the offeror's accounting system as other than direct labor, or if the offeror proposes to subcontract any of the positions, so indicate. Any composite hourly rates must be explained. The offeror's technical and cost proposals must correlate and support each other fully.

The "direct labor hours" discussed in these instructions are defined as those productive hours expended by contractor and/or subcontractor personnel in performing direct functions required to perform the SOW. Identify any of the positions you propose to subcontract. It does not include administrative or other labor classified as indirect by your established accounting policy and procedures. It does not include contract support labor, i.e. the administrative effort supporting the overall contract and classified as direct by your accounting system. The term does not include sick leave, vacation, holiday leave, military leave, or any type of administrative leave, but does include overtime hours and direct labor hours provided under subcontracts. Show the derivation of your productive man-year. If you propose uncompensated overtime, discuss it in detail. Show the effect on your productive man-year and direct labor rates.

To assist the offeror with proposal preparation for this solicitation, the Government is providing the following estimates. Approximately 507,000 direct labor hours of effort will be required annually apportioned among the SOW areas and the functional areas set forth in Attachment 5. These estimates are based on an 1850 man-year or full time equivalent (FTE) and are not restrictive for proposing. However, any variance from the estimated labor hours and skill mix discussed herein shall be fully supported by the offeror's technical proposal.

A copy of the Register of Wage Determinations (WD) and Fringe Benefits issued by the Department of Labor for employees under this proposed contract is included in Exhibit C of the model contract. It should be noted that the wage rates specified therein are minimum rates. It should also be noted that the wage determination might not list all labor classes to be employed under this contract. Paragraph (a) of the clause entitled "Service Contract Act of 1965" states that in this event, conformable rates must be established for those service employees to be employed under the contract but not listed on the wage determination. These conformable wage rates will be the result of a three-party agreement between the employees, contractor and the Government. Identify those proposed positions subject to the WD and specify the correlating WD Occupation Code. **CONFIRM IN YOUR SUBMISSION THAT ALL MINIMUM BENEFITS, INCLUDING HEALTH AND WELFARE, FOR WD EMPLOYEES ARE MET AND PROVIDE CONFIRMING CALCULATIONS.**

There are no conformed occupation titles under the existing contract.

NOTE: If conformable rates are established or a new Wage Determination is received prior to the award of the contract, the conformable rates and Wage Determination will be incorporated prior to award (or prior to or during negotiations, if held).

(4) Indirect Costs - For each indirect pool, identify the rates and bases used to determine the proposed costs. Clearly state whether this contract has been considered in determining your proposed indirect rates. If your indirect rates have not been recently reviewed by the responsible Defense Contract Audit Agency Office (DCAA), for larger indirect pools, e.g., overhead, fringe benefits, and G&A, provide a list of the expense accounts and amounts in the pools. Detail any labor elements in the pools. Provide the most recent three-year history of all indirect rates. If your rates have been recently audited, provide the responsible DCAA Office and point of contact. The offeror's proposal must provide details to allow analysis and comparison to the professional compensation plan. For personnel covered by the WD, confirm all minimum benefits, including health and welfare, are met and provide the confirming calculations.

(5) Contract Specific Overhead – Contract support labor is anticipated to be the basis for the Contract Specific Overhead dollars. The Contract Support Personnel are those administrative personnel supporting the overall contract and classified by your established accounting system as direct. Shall you consider any other cost in this category, clearly identify and explain each element.

(6) Materials, Supplies, Equipment – For proposal purposes include \$3.0M annually for IT materials, supplies, equipment, and equipment maintenance.

The cost includes:

- (a) Hardware and software purchased for mission critical Facilities in Exhibits A.1 and A.3.
- (b) Hardware and software maintenance for mission critical facilities in Exhibits A.1 and A.3.
- (c) IT materials and supplies

These costs DO NOT include:

- (a) Hardware purchased for mission critical and shared science equipment in Exhibits A.5, A.6 and B.1
- (b) Hardware maintenance for missions critical and shared science equipment in Exhibits A.5, A.6 and B.1.
- (c) Hardware and software purchases for non-mission critical facilities and maintenance in Exhibits A.2, A.4 and B.2.
- (d) Other items listed in G.11.

The offeror shall explain their methodology of insuring the non-mission critical hardware/software is maintained. It is up to the offeror to discern the most cost effective method of obtaining services for the mission critical and non-mission critical hardware/software and fully explain and support the costs proposed. The ODIN (Outsourcing the Desktop Initiative in NASA) contract (<http://www.odinlarc.com>) has a provision that allows NASA contractors to contract directly with the ODIN contractor for certain computer hardware, maintenance and support. Provide support and rationale for any materials, supplies, equipment and equipment maintenance costs proposed beyond the \$3.0M specified.

(7) Field Mission Support – For proposal purposes include \$1.9M annually for all field mission support. This includes travel expenses and Emergency Medical Evacuation Services for all non-Government personnel; however, it does not include direct labor and related indirect costs. It includes all non-personnel expenses related to field missions such as shipping, on-site equipment purchases, mission gear, and supplies. Provide support and rationale for any other field mission support costs proposed.

(8) Travel – For proposal purposes include \$1M annually for all travel directly required by the SOW, excluding field mission support. It includes \$300K for training, i.e. travel and conference costs. This does not include relocation expenses. Provide support and rationale for any other travel costs proposed.

(9) Other Direct Costs (ODC) – Provide an itemized breakdown and detailed explanation of all non-Government specified ODC costs proposed for this effort.

(10) City/County Business License Tax – Consult applicable local jurisdiction to determine any applicable business license taxes and enter your estimates. Consult the City of Hampton regarding personnel you intend to have work on-site at LaRC even if your facility will not be located in Hampton.

(11) ISO – If there are any costs for ISO requirements specified in H.19 included in your proposal, specify where and how much.

(12) Facilities Capital Cost of Money (FCCOM) - Clearly identify FCCOM if you choose to include it in your proposal (ref. FAR 52.215-16). If you do not propose FCCOM, Clause 52.215-17, Waiver of Facilities Capital Cost of Money (October 1997) will be included in the contract. As required by NASA FAR Supplement 1815.404-471-5(a), when facilities capital cost of money is included as an item of cost in the contractor's proposal, a reduction in the profit objective will be made in an amount equal to the amount of FCCOM allowed in accordance with FAR 31.205-10(a) or 1 percent of the cost base, whichever is less.

(13) Escalation – As your cost proposal is expected to reflect the total cost to the Government for you to provide the effort in the statement of work of this solicitation, your proposal shall include anticipated escalation. Escalation factors shall be clearly stated and escalated amounts shown for each escalated item. For information purposes, the following are the escalation rates that the Government intends to use as guidelines in assessing the reasonableness of proposed compensation increases in proposals:

YEAR	RATE
2002	3.0%
2003	2.9%
2004	3.0%
2005 & beyond	3.1%

These guidelines are in no way to be considered mandatory for your proposal. Discuss the derivation and provide the rationale for your proposed escalation. Discuss your rationale for not escalating any elements that would normally be escalated.

(14) Award Fee – Provide the amounts proposed for fee for the base contract, as well as for the three one-year options. Provide your rationale. Clearly show how FCCOM was considered in the calculation of the proposed fee, if applicable.

(15) Phase-In – Phase-In Costs, if proposed, shall be fully detailed and supported and shall correlate with the Offeror's technical proposal. A two-month phase-in period will be provided to the commencement of work.

2. FACTOR 3 - PAST PERFORMANCE

Early submission of information regarding relevant experience and past performance, and that of significant subcontractors or teaming partners, if any, under existing or prior contracts for similar products or services is required pursuant to Provision L.19, Paragraph E entitled "Early Submission of Past Performance (Factor 3) information".

Each offeror shall discuss the extent to which contract objectives (technical, safety, management, schedule, cost, occupational health, security, subcontracting goals and overall mission success (e.g., problems in delivered hardware and software that resulted in failures)) have been achieved on related efforts. Relevant experience is the demonstrated accomplishment of work that is comparable or related to the objectives of this procurement. The information provided shall contain overall corporate or offeror experience and past performance, including any significant subcontractor and/or teaming partner. In the case of an offeror without a record of relevant past performance or for whom information on past performance is not available, the offeror will not be evaluated favorably or unfavorably.

Three of your customers and three customers for each subcontractor and/or teaming partner (contract value over \$1,000,000) for which relevant work has been performed within the past three years shall be forwarded copies of the Past Performance (PP) Form (See Attachment 2). The offeror shall instruct those firms receiving the PP forms to have them filled out ready to discuss with the Government individual by the due date for the early submission noted in L.19, E. 1. Your customers

should be instructed to provide copies of the executed PP form to the individual noted in provision L-16 by the proposal due date set forth in Block 9 of the solicitation.

The Source Evaluation Board (SEB) members are likely to contact the named individuals and conduct a telephonic survey of past performance using the Attachment 2 PP as the guide.

The offeror shall also submit a list of other contracts it has held and any significant subcontractors and/or teaming partners have held within the past three years for requirements similar to those being solicited in this acquisition. Other references, aside from those provided by the offeror, may be contacted and their comments considered during the source selection process. While the Government may elect to consider data obtained from other sources, the burden of providing relevant references that the Government can readily contact rests with the offeror.

The offeror shall prepare short narrative explanation on each contract including those contracts with firms receiving a PP Form that identifies its customers and briefly describes the contract, including the objectives achieved and any cost growth or schedule delays encountered. Those firms receiving the PP forms should be annotated. The summary shall include the following for each related contract:

- a. Contract Number
- b. Contracting Agency
- c. Points of contact in the program and contracting offices, including telephone numbers and E-Mail addresses. (Please insure that this information is current and correct.)
- d. Contract type
- e. Contract beginning and end dates
- e. Description of the contract work and explanation of its relevance to this solicitation

The offeror shall also describe the original cost/price and delivery terms in the contract and the cost/price and delivery actually experienced, and explain any differences. For award fee contracts, separately state in dollars the base fee and award fee available and the award fee actually received, on a contract year basis.

The offeror shall also provide its SDB performance history for the last three years. SF 295s or equivalent data may be submitted as supporting documentation.

The offeror shall include in its proposal the written consent of its proposed significant subcontractors to allow the Government to discuss the subcontractors' past performance evaluation with the offeror.

All of the above information shall be submitted electronically to the NASA point of contact listed in L-16 above.

Note: Offerors will be given the opportunity to rebut negative references during the offeror's oral presentation."

SECTION M - EVALUATION FACTORS FOR AWARD

M.1 METHOD OF EVALUATION

A. Proposals received in response to this RFP will be evaluated by a NASA Source Evaluation Board (SEB) in accordance with NFS 1815.3. Mission Suitability will be scored. Cost and Past Performance will not be scored. The Source Selection Official, after consultation with the SEB and other advisors, will select the offeror(s) which he considers can perform the contract in a manner most advantageous to the Government, all factors considered.

B. Evaluation will be on the basis of material presented and substantiated in the offeror's proposal and not on the basis of what may be implied. Vague statements will be interpreted as a lack of understanding on the part of the offeror and/or inability to demonstrate adequate qualifications. The offeror's attention is directed to Section L, L.19, which provides important instructions concerning proposal preparation.

C. Unacceptable Proposals - Pursuant to NFS 1815.305-70, the Contracting Officer shall not complete the initial evaluation of any proposal when it is determined that the proposal is unacceptable.

1. Prior to oral presentations: In the event that the Offeror does not address the essential requirements of the Request for Proposal in its Technical/Management Oral Presentation Package (T/MOPP), the Contracting Officer shall discontinue the initial evaluation of the proposal and advise the offeror that its proposal is unacceptable. Secondly, if the Offeror proposes out-of-line costs that discussions with the Offeror could not reasonably be expected to cure, the Contracting Officer shall discontinue the initial evaluation of the proposal and advise the offeror that its proposal is unacceptable. In such cases an oral presentation shall not be conducted and the Offeror will receive no further consideration for contract award.

2. After oral presentations: The full set of criteria at NFS 1815.305-70 shall be used to determine whether a proposal is unacceptable.

M.2 EVALUATION FACTORS

A. Factor 1 - Mission Suitability -- The content of this section of the offeror's proposal will provide the basis for evaluation of the offeror's response to the technical requirements of the RFP. Programmatic risks associated with each mission suitability factor of the proposal will be assessed. The evaluation of risk will consider the probability of success, the impact of failure, and the alternatives available to meet the requirements.

The Mission Suitability subfactors to be considered and scored in the evaluation of the offeror's Technical Proposal are set forth below:

1. Subfactor 1 -- Understanding of the Requirement

The offeror's response to this subfactor is important since it conveys an understanding of the technical requirements of the Statement of Work and approach for meeting those requirements.

a. Technical Approach and Methodology

(1) The Government will evaluate the technical approach and methodology in terms of the offeror's understanding and comprehension of the requirements identified in the SOW and the inherent problems associated with the objectives of this procurement. The Government will evaluate the techniques and procedures proposed to be followed for implementing the requirements and proposed planning methodology, specifically addressing differing customer requirements. Stating that

you understand and will comply with the specifications, paraphrasing the specifications, or phrases such as: "standard procedures will be employed and well know techniques will be used" will be evaluated as being inadequate. Information previously submitted, if any, will be considered only to the extent it is resubmitted.

(2) The Government will evaluate the technical approach and methodology for providing overall support and satisfying the customers in the dynamic and evolving technology environment that exist under the contract, based on the services listed in the representative NOWs, the Workload Indicators, and the historical data located in the Offeror's Library,

(3) The Government will evaluate the offeror's approach to reducing operating costs during the life of the contract, while increasing the quality of products and services associated with Section 4.0 of the SOW through process reengineering and technology infusion. In addition, the Government will evaluate the offeror's plan to address dynamic changes in technology and to efficiently integrate in an operational environment.

(4) The Government will evaluate the offeror's single integrated approach for maintaining the Government's rights to data, which includes all data and software produced by the prime and small and large business subcontractors under the contract. In addition, the Government will evaluate the plan to protect the intellectual property of Government researchers.

b. Technical Competencies

(1) The Government will evaluate the offeror's proposed staffing and skill mix at the functional levels identified in the Workload Indicator (Attachment 5) that is needed to provide the required functions and services in the SOW using the representative NOWs. The Government will evaluate the offeror's completed Attachment 6 that maps the proposed staffing into the appropriate functional areas under each SOW section. The Government will evaluate the offeror's core skill categories proposed using the following parameters:

- (a) Key elements of the position
- (b) Required education
- (c) Required experience
- (d) Key skills and abilities required

(2) The Government will evaluate the positions in the contract organization identified by the offeror as key to the successful implementation and performance of the contract. The Government will evaluate the duties of each key position, and the education, experience and other qualifications proposed by the offeror for the selected individuals to possess. The Government will also evaluate the suitability of the proposed Contract/Program Manager and his/her commitment.

2. Subfactor 2 – Management Plan

a. Organizational Structure

(1) The Government will evaluate the description of the offeror's proposed organizational structure for the contract, and approach in terms of ability to provide the services proposed, to integrate the various functions outlined in the SOW, and to deal with problems and enhance overall control. The responsibilities and functions assigned to management/supervisory personnel, the proposed lines of communications between all organizational elements and LaRC, and the degree of autonomy of management and of key personnel will be evaluated.

(2) The Government will evaluate all teaming arrangements and organizational structures between the prime and subcontractors. Evaluations will be based on the clarity of the organizational structure(s); subcontractor(s) interfaces to the prime, LaRC, and other subcontractors; basis for selection of subcontractors; the levels of key management positions proposed;

the nature and extent of the work to be performed by the prime and subcontractor(s); the subcontractor(s) responsibility as part of the prime contractor team and all lines of communication. The Government will also evaluate the overall effectiveness of the proposed organizational structure to optimize the amount of resources used to perform the work.

b. Management Approach

(1) The Government will evaluate the offeror's plan for attracting and maintaining competent staff during the term of the contract. The offeror's plan for personnel training and other means of achieving effective personnel performance and procedures which contribute to employee recruiting, retention, and productivity (such as career development, promotion, procedures, employee recognition and methods of dealing with deficiencies in performance) will be evaluated. Telecommuting and irregular work schedule policies will be evaluated. The offeror's approach for recruiting replacement or additional personnel will be evaluated.

(2) The Government will evaluate the offeror's plan for organizing, prioritizing, assigning, tracking, performing, and controlling the services defined in the NOWs.

(3) The Government will evaluate the offeror's approach for contract cost control, including controlling actual vs planned costs, forecasting and tracking.

(4) The Government will evaluate the offeror's proposed approach for accomplishing urgent, short turn around requirements that may be beyond the capabilities of the regular staff. The Government will evaluate the offeror's ability and methods for operating 7 days a week, 24 hours a day for SOW 4.2 Operations, adapting to changing requirements, priorities, fluctuating workloads and funding, and personnel absences without an adverse impact of successful contract performance. The Government will evaluate the offeror's ability to staff for fluctuating requirements from existing resources and from outside sources. Also the Government will evaluate the offeror's policies on temporary assignments of company personnel with relevant specialized skills.

(5) The Government will evaluate the offeror's description of corporate resources that are readily available to be utilized in support of contract performance, including the ability to provide specialized personnel and recognized experts on short notice when needed.

(6) The Government will evaluate the offeror's approach for accomplishing the administrative and logistical support as specified in Attachment 6 under Section 6.0 Administration & Logistical Support, and as defined in the Statement of Work, Section C, Paragraph 6.0.

(7) The Government will evaluate the offeror's surveillance plan for assuring schedule and performance quality which specifies how and when contract performance will be evaluated. The Government will evaluate the proposed linkage that may facilitate the Government's performance evaluation plan including new performance evaluation standard and supporting rationale.

c. Transition/Phase-In

The Government will evaluate the offeror's plan to minimize changeover difficulties and to maximize continuity of services to the Government, including the appropriateness of proposed phase-in plan, recruiting methods, plans for training (including individual orientation), and policies and procedures which contribute to employee recruiting, retention and productivity (such as fringe benefits, career development and salary). The Government will evaluate the expected amount of incumbent personnel retention and the basis specified. The Government will evaluate the planned incumbent capture rate, the basis of this rate, and the methods proposed to recruit and hire incumbents and new hires. The Government will evaluate the offeror's plan for housing off-site personnel, the accommodations for the Science Computing Mission Critical Systems identified in Exhibit B, the proposed location, the lease/purchase arrangement, the site's proximity to NASA LaRC, and the accessibility of the facility and equipment to Government personnel. The Government will evaluate the offerors

understanding of SOW requirements and NOW elements where continuity of services during the contract transition must be maintained.

d. Professional Compensation Plan

The suitability of the proposed compensation structure to assure that highly qualified professional employees are attracted to the effort and their continued interest and employment are likely to occur will be evaluated. Consideration will be given to the suitability of the total compensation proposed (both salaries and fringe benefits). The Government will evaluate the proposed policies and procedures for establishing salaries or wages for any retained incumbent contractor employees and any eligibility and vesting requirements relative to fringe benefits (e.g. vacation, medical, insurance, sick leave and retirement). The Government will evaluate how pre-existing medical conditions from incumbents and dependants will be handled under the offeror's insurance plan. A risk assessment will be performed for any proposal that contains unrealistically low labor rates or uses a high level of uncompensated overtime including such factors as: number of hours the offeror customarily works compared to local industry norms; turnover rates; whether the employees share in the firm's profits; duration of the proposed uncompensated overtime; whether the offeror uses the same level of uncompensated overtime in its non-Government business; the potential for decline in performance; and impact on response time to unusual or emergency work requirements. The Total Compensation Plan will also be evaluated to assure that such compensation reflects a sound management approach and an understanding of the requirements to be performed. The Government will evaluate the elements of the offeror's compensation plan that have been proposed in response to FAR 52.222-46, which is contained at L.6 of this RFP.

e Small Business Subcontracting Plan

The Government will evaluate the adequacy of the Small Business Subcontracting Plan. The offeror's small disadvantaged business, women-owned small business, HUBZone small business, Veteran Owned, Historically Black Colleges/Universities, and overall small business subcontracting goals will be evaluated in comparison with the goals of 10, 5%, 2%, 3%, 1% and 25% of the total contract price, respectively. The proposed approach to meeting these goals; the extent to which the offeror has identified specific small business concerns; the extent of commitment to use small business concerns (i.e., enforceable commitments are to be weighted more heavily than non-enforceable ones); types, amount, complexity, and variety of work to be performed by small business concerns; and the realism of the Subcontracting Plan will be evaluated. [This paragraph does not apply to Small Business offerors.]

3. Subfactor 3 – Small Disadvantaged Business Plan

The extent of participation of SDB concerns in the NAICS groups as determined by the Department of Commerce will be evaluated. The extent to which the offeror has identified specific SDBs; the extent of commitment to use SDB concerns (i.e., enforceable commitments are to be weighted more heavily than non-enforceable ones and NASA Mentor-Protégé Program (see NFS Subpart 1819.72) participation will be weighted more heavily than normal subcontracting arrangements); types, amount, complexity, and variety of work to be performed by SDBs; the realism of the proposal; and past performance in complying with subcontracting plan goals for SDB concerns and monetary targets and/or contract specified goals for SDB participation will be evaluated.

SDB offerors that do not waive the price adjustment at FAR Clause 52.219-23 will not receive any evaluation credit (i.e., they will receive a score of zero) for this subfactor.

4. Subfactor 4 - Safety and Health Plan

This subfactor will be used to evaluate the offeror's understanding of potential safety and health hazards and plans for mitigating such hazards. In addition, the offeror's proposed Safety and Health plan will be evaluated for compliance with applicable Federal and State statutory and

regulatory requirements, as well as compliance with applicable NASA Agency-wide and Installation specific policies and/or procedures.

B. Factor 2 – Cost/Price Analysis — It is expected that the contract will be awarded based upon a determination that the price is reasonable based upon adequate price competition. An analysis of the proposed price will be conducted to determine its reasonableness, acceptability and extent to which it reflects performance addressed in the technical proposal. In addition, an in depth analysis of the proposed cost elements will be performed to assess cost realism and the offeror's capability to accomplish the contract objectives within the cost proposed. Proposals that include unrealistically low labor rates, or that do not otherwise demonstrate cost realism, will be considered in a risk assessment and will be evaluated for award in accordance with that assessment. A probable cost may be developed for purposes of determining best value. The reasonableness of the proposed fee will be assessed in accordance with FAR 15.404-4. A price evaluation adjustment factor of ten (10) percent for small disadvantaged business concerns may be applied if the requirements of FAR 52.219-23 are met. The cost/price proposal will be used as an aid to determine the offeror's understanding of the Mission Suitability/Value Characteristic Requirements.

C. Factor 3 - Past Performance -- Past performance will be assessed to determine the extent to which contract objectives (technical, safety, management, schedule, cost, occupational health, security, subcontracting goals and overall mission success (e.g., mishap rates and problems in delivered hardware and software that resulted in mishaps or failures)) have been achieved on related efforts by the offeror and any significant subcontractors and/or teaming partners. Each performance evaluation and risk assessment will consider the number and severity of problems, the effectiveness of corrective actions taken, and the overall work record. The assessment of performance risk is not intended to be a simple arithmetic function of an offeror's performance on a list of contracts, but rather the information deemed most relevant and significant will receive the greatest consideration. Relevant experience will be viewed as the demonstrated accomplishment of work, which is comparable or related to the objectives of this procurement. This factor includes the evaluation of overall corporate or offeror experience and past performance, including any significant subcontractor and/or teaming partner. In the case of an offeror without a record of relevant past performance or for whom information on past performance is not available, the offeror will not be evaluated favorably or unfavorably. In conducting the evaluation for this factor, the Government reserves the right to use all information available at the time of evaluation, whether provided by the offeror in its proposal or obtained from other sources. For example, the Government may rely on information contained in its own records and that available through reference checks, Government audit agencies, and commercial sources. Offerors will be given the opportunity to rebut negative references during the offeror's oral presentation.

M.3 RELATIVE IMPORTANCE OF EVALUATION FACTORS

A. The weights to be used in the scoring of the Mission Suitability subfactors are presented below:

<u>Subfactors</u>	<u>Weights</u>
1. Understanding the Requirements	400
2. Management Plan	450
3. Small Disadvantaged Business Plan	100
4. Safety and Health Plan	50

The numerical weights assigned to the above subfactors are indicative of the relative importance of those evaluation areas. The weights will be utilized only as a guide.

B. Overall, in the selection of a Contractor, Mission Suitability, Cost, and Past Performance, will be of essentially equal importance. Cost/Price is significantly less important than the combined Mission suitability and Past Performance factors.

C. Adjustment for Cost Realism

Cost realism is the degree to which all costs for the total contract reflect the proposed approach to achieving the technical objectives. It 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. Realism of proposed costs may significantly affect the Offeror's Mission Suitability scores. The Offeror's cost proposal will be evaluated for cost realism in accordance with the following:

A pool of 300 points will be used to adjust the Mission Suitability score to account for any weaknesses associated with the lack of cost realism present in the Offeror's proposal. This adjustment will be made if the proposed resources are unrealistically high or low according to the following guidelines:

Depending on the severity of the lack of realism and the associated adjustment, some or all of the points in the cost realism pool will be deducted from the Offeror's Mission Suitability score.

The total number of points to be subtracted from the Mission Suitability score will be calculated as follows:

Point Adjustment Based on the Percentage Difference between Proposed and Probable Cost	
Cost Realism Adjustment	Point Adjustment
+/- 5 percent	0
+/-6 to 10 percent	-50
+/-11 to 15 percent	-100
+/-16 to 20 percent	-150
+/-21 to 30 percent	-200
+/- more than 30 percent	-300

M.4 EVALUATION OF OPTIONS (FAR 52.217-5) (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).