

## CONTRACT NAS1-02058

The following information has been determined to be exempt from disclosure and has been deleted from the contract and contract modifications:

- Section A: Discount for Prompt Payment, pg. 1 - Block 9
- Section A: Cost and Fee, pg. 1 – Blocks 15D and 15E
- Sections B.1, B.2, and B4: Cost and Fee, pg. 2
- Section H.9: Cost and Fee, pg. 26
- Section H.18: Subcontracting Goals, pg. 29
- Exhibit F: Subcontracting Plan
- Exhibit G: Safety and Health Plan

The deleted material is exempt from disclosure under 14 C.F.R. 1206.300 (b) (4) which covers trade secrets and commercial or financial information obtained from a person and privileged or confidential. It has been held that commercial or financial matter is "confidential" for purposes of this exemption if its disclosure would be likely to have either of the following effects: (1) impair the Government's ability to obtain necessary information in the future; or (2) cause substantial harm to the competitive position of the person from whom the information was obtained, National Parks and Conservation v. Morton, 498 F2d 765 (D.C. Cir. 1974).

Information pertaining to a discount for prompt payment and dollar target and percent of contract value would give competitors insight into SAIC's bid strategy. If released, a competitor could propose a prompt payment discount in such an amount as to gain an unfair cost advantage during a competition. Proposed goals are an evaluation factor in nearly every competitive procurement.

Releasing costs and fee information would reveal SAIC's profit margin and cause substantial harm to the competitive position of the company.

The Safety and Health Plan is replete with proprietary information that would give competitors an insight to SAIC's technical and business approach. Because there are no reasonably segregable portions that are subject to release, the Safety and Health Plan is being withheld in its entirety.

Disclosure of the information in the Subcontracting Plan would discourage future submission of detailed data concerning the company's implementation of their Subcontracting Plan and impair the Government's ability to obtain necessary information in the future as well as cause substantial harm to the competitive position of the company.

**AWARD/CONTRACT**

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)

DATING

C9

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2. CONTRACT NO. (Proc. Inst. Ident.) NO.  
NAS1-02058

3. EFFECTIVE DATE  
January 1, 2002

4. REQUISITION/PURCHASE REQUEST/PROJECT NO.  
RE.1025

5. ISSUED BY:  
National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-2199

6. ADMINISTERED BY (If other than Item 5)

7. NAME AND ADDRESS OF CONTRACTOR (No. street, city, county, State and ZIP code)  
Science Applications International Corporation  
Technology Services Company  
10260 Campus Point Drive  
San Diego, CA 92121

8. DELIVERY  
 FOB ORIGIN  OTHER (See below)

9. DISCOUNT FOR PROMPT PAYMENT

10. SUBMIT INVOICES (4 copies unless other-wise specified) TO THE ADDRESS SHOWN IN: **G-2** ITEM

CODE FACILITY CODE

11. SHIP TO/MARK FOR  
See Clause F.4

12. PAYMENT WILL BE MADE BY  
Financial Management Division, M/S 175  
NASA, Langley Research Center  
Hampton, VA 23681-2199

13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION  
 10 U.S.C. 2304(c) ( )  41 U.S.C. 253(c) ( )

14. ACCOUNTING AND APPROPRIATION DATA  
P/R: RE.1025 (COMPLETE)  
P/R: REC.1349; J/O: R22618; \$28,000 (COMPLETE)

15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QTY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
			EST. COST	MAX. AWARD FEE	TOTAL
	Atmospheric Sciences Research and Technology Support Services (ASRATSS)				
	Initial Period		██████████	██████████	\$ 57,405,672
	First Option		██████████	██████████	31,481,194
	Second Option		██████████	██████████	32,035,356
	Third Option		██████████	██████████	32,630,836
	TOTAL w/options				\$153,553,058

15G. TOTAL AMOUNT OF CONTRACT **\$**

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CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17.  CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 3 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents (s) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)

18.  AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number \_\_\_\_\_ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

19A. NAME AND TITLE OF SIGNER (Type or print)  
**PARRE ENGELSEN, CONTRACTS MANAGER**

20A. NAME OF CONTRACTING OFFICER  
**DAVID H. JONES**

19B. NAME OF CONTRACTOR  
BY *[Signature]*  
(Signature of person authorized to sign)

19C. DATE SIGNED  
**12/10/01**

20B. UNITED STATES OF AMERICA  
BY *[Signature]*  
(Signature of Contracting Officer)

20C. DATE SIGNED  
**12-12-01**



**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 [REDACTED]. The maximum available award fee, excluding base fee, if any, is [REDACTED]. The base fee is [REDACTED]. Total estimated cost, base fee, and maximum award fee are \$57,405,672.

**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 [REDACTED]. This allotment is for [REDACTED] and covers the following estimated period of performance: January 1, 2002 through January 31, 2002.

(b) An additional amount of [REDACTED] 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. 1/1/02 – 5/31/02	\$ [REDACTED]
2. 6/1/02 – 11/30/02	\$ [REDACTED]
3. 12/1/02 – 5/31/03	\$ [REDACTED]
4. 6/1/03 – 11/30/03	\$ [REDACTED]

**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/librarv/npg\\_sort.cfm](http://nodis3.gsfc.nasa.gov/librarv/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 23 months from the effective date of the contract.

The initial period of performance of 23 months includes a 1-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: Contracting Officer, 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)**

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(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 bi-weekly 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)	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Award Fee (Ref. B.4)	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Award Fee Availability (Ref. B.4)			
Period 5 (First Option)	\$ [REDACTED]		
Period 6 (First Option)	\$ [REDACTED]		
Period 7 (Second Option)		\$ [REDACTED]	
Period 8 (Second Option)		\$ [REDACTED]	
Period 9 (Third Option)			\$ [REDACTED]
Period 10 (Third Option)			\$ [REDACTED]

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 September 6, 2001 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](http://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	541710	\$ [REDACTED]	[REDACTED]
	Second year	Total	541710	\$ [REDACTED]	[REDACTED]
2.	<u>Option Year 1</u>		541710	\$ [REDACTED]	[REDACTED]
		Total		\$ [REDACTED]	
3.	<u>Option Year 2</u>		541710	\$ [REDACTED]	[REDACTED]
		Total		\$ [REDACTED]	
4.	<u>Option Year 3</u>		541710	\$ [REDACTED]	[REDACTED]
		Total		\$ [REDACTED]	

(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):

Analytical Services and Materials, Inc.; Engicom; Science and Technology Corporation; and Tri-Star



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 1998)  
 52.222-4 Service Contract Act of 1965, as Amended (May 1989)  
~~52.222-4 Service Contract Act (SCA) Minimum Wages and Fringe Benefits (May 1989)~~  
 [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	<i>Subcontracts (Aug 1998) – Alternate I (Aug 1998)</i> [Insert "(none)" in the table of paragraph (e); in paragraph (k) insert: Analytical Services & Mat., Inc., Engicom, G&A Tech. Serv, Inc., Science and Tech., Inc., Tri-Star Eng., Inc. & VRCO, Inc.]
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	<i>Emergency Medical Services and Evacuation (Apr 2001)</i>
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.arnet.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.

#### I.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 (all), 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 September 6, 2001, 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, May 15, 2001   |
| 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, September 6, 2001  |
| Exhibit G | Safety and Health Plan   |

## 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 Filing		\$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	
Charn	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		Anontinous 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 XIO 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
Dutchdraft	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
Esmereida	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 R-AM, 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 Sparc 20, 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	
Rlbsun	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 Sparc 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 <u>Ciprico Raid</u>		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 Spare 20, Sun 21" monitor, 128 MB RAM, external Sun cdrom, 2 SE sbsu 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 Spare Array #1	382 GB total		disk space		\$116,055.00	
Sun Spare 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**

<b>Description</b>	<b>Manufacturer</b>	<b>Serial Number</b>	<b>Function</b>	<b>CPU ECN</b>	<b>Replacement Price</b>	<b>Operating System</b>	<b>Purchase Date</b>
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 memorv	GDYWB	User Workstation	1879483	Unknown	LINUX	9/30/98
Amulet	Gateway 300mhz, 225 megs memorv	9257649	User Workstation	1875782	Unknown	PRO 2000	3/3/98
Sorceress	Gateway 400mhz 450 meg memorv	9992757	User Workstation	1877445	Unknown	NT 4.0	6/9/98
Matthias	Gateway 400mhz 128 meg memorv	9992764	User Workstation	1877454	Unknown	NT 4.0	6/9/98
Sea-otter	Gateway 300mhz 96 meg memorv	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
EXTROPIA(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 Property  
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-qstrr-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	N/A	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
G148875	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	\$1,969.10
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	83513	\$9,000.00
G145606	58150	RADIOMETER	EPPLEY	PIR	27174F3	\$2,265.00
G157091	258713	RADIOMETER	EPPLEY	PIR	28181F3	\$2,150.00
G167092	258122	RADIOMETER	EPPLEY	PIR	28189F3	\$2,150.00
G167093	1742813	RADIOMETER	EPPLEY	PIR	31805F3	\$2,865.00
G158270	219788	RADIOMETER	EPPLEY	PIR	28036F3	\$2,265.00
G158271	258121	RADIOMETER	EPPLEY	PIR	28168F3	\$2,150.00
G158882	548781	RADIOMETER	EPPLEY	PIR	24323F3	\$1,850.00
G158863	1742814	RADIOMETER	EPPLEY	PIR	31606F3	\$2,865.00
G158801	1874466	RADIOMETER	EPPLEY	NONE	31105	\$10,240.00
G122923	281721	multimeter	FLUKE	77 MULTIMETER	36412460	\$129.00
G119899	1612215	SCOPEMETER	FLUKE	123	DM6969136	\$1,050.00
G161010	1611666	GPS	GARMAN	GPS III	40102598	\$370.00
G145588	NA	PERSONAL NAVIGATOR W/ANTENNA	GARMAN	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
G122864	NA	Cellular connection for PC	MOTOROLA	S1936D	NONE	\$158.14
G122858	1873477	CELLULAR MODEM	MOTOROLA	19370XNMSB	327GXG7745B	\$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	\$996.00
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	194	\$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 WIRELESS	MP200-GPS	MG9905271008	\$1,495.00
G150902	NA	DC MODEM	SMARTEK	NONE	NONE	\$225.00
G157876	NA	INVERTOR	TRACE ENGINEERING	TS512	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	SGL Indigo2 Workstation	28728	0800690A9806	1209	120G
1429917	SGL 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
<b>SYSTEMS</b>					
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
<b>MONITORS</b>					
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	Sificon 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
<b>S - SYSTEMS</b>				
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 Aray		836G0087	1250	124F
1873163	9 Bay Disk Aray (UNK)			1250	124F
1741431	9 Bay Disk Aray (UNK)			1250	124F
1741430	9 Bay Disk Aray (UNK)			1250	124F
1885085	Nexstor Disk Aray			1250	124F
1881171	Gateway Disk Aray			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	Cybex KVM Switch			1250	124F
<b>puting Facility</b>					
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	613F148A	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
<b>puting Facility</b>				
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
1256578	IBM workstation		1250T	502
1257016	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
1873826	PC			1250	142
1874006	IBM workstation			1250	124E
1875034	PC - Premium			1250	119
1875492	DEC workstation			1250	211
1877668	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
2008789	DEC workstation			1250	140
2009710	PC			NOC	FE
2097971	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	\$521.48
G149911	NA SSH SWITCH SUPER SWITCH	3 COM	1695010000	7ZLV1D1FEF8	\$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
G121957	1092922 DISK DRIVE	ACROPOLIS	ASI-5L-135-0M	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	801469 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
G80485	1092896 DISK DRIVE	ACROPOLIS	ASI-6L-1350	920430003	\$3,065.00
G80768	1156896 DISK DRIVE	ACROPOLIS	ASI-6L-1350	92730008	\$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	6237528	\$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	6045761421	\$2,884.00
G122578	1739317 9GB DISK DRIVE INT	ANDATACO	ST140800N	SH106261	\$2,292.00
G122581	1739320 9GB DISK DRIVE INT	ANDATACO	ST140800N	SB40800N	\$2,292.00
G145867	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	5260B09306	\$553.00
G80980	37906 CD ROM DRIVE	ANDATACO	X266T51JX2S1X	5260B09308	\$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	X286T51-JXS1X	6860N04035	\$583.00
G122613	1739662	CHASSIS, ESP	ANDATACO	RSE917S3W	N8054971	\$2,282.00
G122614	1739662	CHASSIS, ESP	ANDATACO	ESPTS1D	190172	\$2,282.00
G122616	1739663	CHASSIS, ESP	ANDATACO	ESPTS1S	190048	\$2,282.00
G80578	1423914	DISK DRIVE	ANDATACO	ADTCABA	95163140	\$4,135.00
G122609	1424088	DISK DRIVE	ANDATACO	X990S51CX3S5X	SB140191	\$6,475.00
G122610	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	1611873	DISK DRIVE	ANDATACO	RSE917S3S	LAJ27762	\$1,657.00
G122617	37459	DISK DRIVE	ANDATACO	RSE917S3S	LA049551	\$1,657.00
G122619	37460	DISK DRIVE	ANDATACO	RSE917S3S	LA049915	\$1,575.00
G122621	1743081	DISK DRIVE	ANDATACO	RSE917S3S	LA060205	\$1,575.00
G122622	37462	DISK DRIVE	ANDATACO	RSE917S3S	LA0601814	\$1,575.00
G122623	37464	DISK DRIVE	ANDATACO	RSE917S3S	LA061563	\$1,575.00
G122730	1605020	DISK DRIVE	ANDATACO	RSE910P33	SS97250563	\$2,822.00
G122732	1605021	DISK DRIVE	ANDATACO	RSE910P33	SS97250561	\$2,822.00
G122734	1605022	DISK DRIVE	ANDATACO	RSE910P33	SS97250569	\$2,822.00
G122946	1611126	DISK DRIVE	ANDATACO	RSE917S3W	SS97400052	\$2,479.00
G122947	1611127	DISK DRIVE	ANDATACO	RSE917S3W	SS97400053	\$2,479.00
G122948	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	\$2,060.00
G122957	1611417	DISK DRIVE	ANDATACO	RSE917S33	SS97460643	\$2,060.00
G122958	1611418	DISK DRIVE	ANDATACO	RSE917S33	SS97460645	\$2,060.00
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
G145627	1610854	DISK DRIVE	ANDATACO	RSE910P33	SS97290069	\$2,226.00
G148181	NA	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200439	\$2,065.00
G148183	1612107	DISK DRIVE	ANDATACO	RSE910Q33	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	1612218	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290067	\$1,593.00
G149888	1612217	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290066	\$1,593.00
G149889	1612222	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200444	\$1,593.00
G149894	1612227	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200446	\$1,593.00
G149895	1612228	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200443	\$1,593.00
G149896	1612229	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200446	\$1,593.00
G149897	1612225	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290062	\$1,593.00
G149898	1612224	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290063	\$1,593.00
G149899	1612226	DISK DRIVE	ANDATACO	RSE910Q33A	SS98200064	\$1,593.00
G149900	1612219	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290068	\$1,593.00
G149901	1612220	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290069	\$1,593.00
G149902	1612221	DISK DRIVE	ANDATACO	RSE910Q33A	SS98290065	\$1,593.00
G149955	1612760	DISK DRIVE	ANDATACO	RSE911S33A	SS98450246	\$1,184.00
G149956	1612759	DISK DRIVE	ANDATACO	RSE911S33A	SS98450245	\$1,184.00
G149957	1612758	DISK DRIVE	ANDATACO	RSE911S33A	SS98450249	\$1,184.00
G149967	1612764	DISK DRIVE	ANDATACO	RSE911S33A	SS98450247	\$1,184.00
G149988	1612763	DISK DRIVE	ANDATACO	RSE911S33A	SS98450248	\$1,184.00
G149989	1612762	DISK DRIVE	ANDATACO	RSE911S33A	SS98450243	\$1,184.00
G149970	1612761	DISK DRIVE	ANDATACO	RSE911S33A	SS98450244	\$1,184.00
G150881	NA	DISK DRIVE	ANDATACO	RSE1820133	SS99010125	\$1,625.00
G157106	1611470	DISK DRIVE	ANDATACO	RSE917S3W	SS97490491	\$1,815.00
G157107	1611468	DISK DRIVE	ANDATACO	RSE917S3W	SS97490495	\$1,815.00
G157108	1612615	DISK DRIVE	ANDATACO	RSE917S3W	SS97400056	\$1,815.00
G157788	1613001	DISK DRIVE	ANDATACO	RSEL1821S36	SS99190239	\$1,685.00
G157789	1636899	DISK DRIVE	ANDATACO	ST318275LC	HP033AK05GSP	\$1,685.00
G157822	1611471	DISK DRIVE	ANDATACO	RSE917S3W	SS97490490	\$1,815.00
G157823	1611472	DISK DRIVE	ANDATACO	RSE917S3W	SS97490493	\$1,815.00
G157824	1611469	DISK DRIVE	ANDATACO	RSE917S3W	SS97490494	\$1,815.00
G158864	1604790	DISK DRIVE	ANDATACO	LP783321	ST118273WC	\$2,181.00
G158865	1604814	DISK DRIVE	ANDATACO	NONE	NONE	\$2,181.00
G158866	1611883	DISK DRIVE	ANDATACO	NONE	NONE	\$1,511.00
G158867	1611884	DISK DRIVE	ANDATACO	NONE	NONE	\$1,511.00
G158868	1611622	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	1742066	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	1876468	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	1424697	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	6081760807	\$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
G122435	37537	DISK DRIVE (INT)	ANDATACO	RSE990P5S	60681780537	\$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	7ADS908478	\$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	\$316.00
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
G122625	37523	DISK DRIVE INTERNAL	ANDATACO	RSE990P5S	7AQS909027	\$2,127.00
G122428	NA	DISK DRIVE SHELL	ANDATACO	ESPDK/1S	218	\$100.00
G122430	NA	DISK DRIVE SHELL	ANDATACO	ESPDK/1S	1078	\$100.00
G122432	NA	DISK DRIVE SHELL	ANDATACO	ESPDK1S	18	\$100.00
G122434	NA	DISK DRIVE SHELL	ANDATACO	ESPDK/1S	1079	\$100.00
G122436	NA	DISK DRIVE SHELL	ANDATACO	ESPDK/1S	SS98490171	\$100.00
G122438	NA	DISK DRIVE SHELL	ANDATACO	ESPDK/1S	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	ESPK1S	45	\$100.00
G122452	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	4	\$100.00
G122678	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	658	\$100.00
G122580	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	622	\$100.00
G122731	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	SS97210120	\$300.00
G122733	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	SS97210121	\$300.00
G122735	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	SS97190007	\$300.00
G122945	NA	DISK DRIVE SHELL	ANDATACO	ESPK1D	SS97360635	\$276.00
G122950	NA	DISK DRIVE SHELL	ANDATACO	ESPK1D	SS97360634	\$276.00
G122993	NA	DISK DRIVE SHELL	ANDATACO	ESPK1S	97240338	\$75.00
G145658	NA	DISK DRIVE SHELL	ANDATACO	ESPK1SH	SS98160157	\$455.00
G145671	NA	DISK DRIVE SHELL	ANDATACO	ESPK1SH	SS98160164	\$75.00
G145653	NA	DISK DRIVE SHELL	ANDATACO	ESPK1SH	SS98160163	\$255.00
G149890	NA	DISK ENCLOSURE	ANDATACO	DKS-IS	SS981108391	\$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	ESPK1SH	NONE	\$100.00
G149966	NA	ENCLOSURE	ANDATACO	ESPK1SH	NONE	\$150.00
G80541	NONE	EXPANSION CABINET	ANDATACO	X340P53FX165X	62	\$391.00
G80543	NONE	EXPANSION CABINET	ANDATACO	200D32DX155X	61	\$355.00
G80544	NONE	EXPANSION CABINET	ANDATACO	200D32DX155X	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	ESPK1S	SS97240332	\$75.00
G122797	NA	HARD DRIVE SHELL	ANDATACO	ESPK1S	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
G122966	1611401	MAGNETIC TAPE TRANSPORT	ANDATACO	X820E51-JX2S2X	SS97460984	\$2,540.00
G122997	NA	SHELL DISK DRIVE	ANDATACO	ESPK1S	FS97390505	\$75.00
G122149	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	260A3	LAA64016	\$1,806.00
G122175	802715	TAPE DRIVE	ANDATACO	EXB85058SQAXR1	6010810	\$2,650.00
G80911	1425498	Disk Drive	ANDATCO	ADTCABA	95249212	\$3,243.00
G80595		Disc Drive w/ cable	APS TECHNOLOGIES	SR2000	A371051	\$611.85
G80579	35269	4MM MAGTAPE	ARCHIVE CORP.	4350XT	YAA60179	\$1,800.00
G123090	801494	HARD DRIVE INTERNAL	ARCHIVE CORPORATIO	432UNT	LAA08765	\$1,825.00
G123092	1156904	HARD DRIVE INTERNAL	ARCHIVE CORPORATIO	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	1263760	OPTICAL DISK DRIVE	ARTECON	DSU1-300P3	715940189	\$2,850.00
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	6794574	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	\$4,660.00
G122233	1157780	DISK DRIVE	CITA TECHNOLOGIES	SAH212D	6848	\$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	COMPUPUS	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	A000476	\$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	A000483	\$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	9913283919	\$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	DSP3160	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	1156458	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	\$3,778.00
G122228	1636307	TAPE DRIVE	FALCON	MAILBOX	NONE	\$1,816.00
G122304	NA	6 GBYTE DISK DRIVE W/ ENCLD	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	9429-8853	\$2,650.00
G122954	NA	CABLEMETER	FLUKE	620 LAN	6875964	\$649.50
G122703	38676	DISK DRIVE	FUJITSU	M2954S	50038629	\$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-1962B	9132CY4853	3900	
G122222	1263780	MONITOR, 19" SGI"	GDM20D11	2408857	1242	
G80841	NONE	HARMONIC NETWORK CONNECTORS	HOMACO	MJA124CRU	NONE	\$41.28
G80842	NONE	HARMONIC NETWORK CONNECTORS	HOMACO	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
G145815	NA	DISK DRIVE	LACIE	2151ST	17450409	\$333.38
G121791	1257912	DISK DRIVE	MAX OPTIX	TMTIIM	M9002381	\$3,235.00
G121757	1261184	DISK DRIVE	MAXOPTIX	TMTIIM	M9002227	\$3,235.00
G121869	1263781	OPTICAL DISK DRIVE	MAXOPTIX	TMT3-1300	M1302361	\$2,955.00
G121845	1259309	OPTICAL DRIVE	MAXOPTIX	TIMM	M9002861	\$2,899.00
G80850	NONE	DISK DRIVE	MAXOPTIX CORP.	TMTII	M7002870	\$3,064.00
G150935	1612886	DISK DRIVE	MICRONET	SS93300UADO	D800038	\$1,175.00
G150937	1880199	DISK DRIVE	MICRONET	ZZYX-0001	9.84118E + 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	\$1,580.00
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	DS58A99001841	\$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	SS97290056	\$1,600.00
G122803	1610733	INT DISK DRIVE	NONE	RSE910P33	SS97290058	\$1,600.00
G122806	1610735	INT DISK DRIVE	NONE	RSE910P33	SS97290059	\$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	ESPDK1S	SS97220489	\$100.00
G122805	NA	SHELL FOR HD	NONE	ESPDK1S	SS97240568	\$100.00
G119897	NA	DISK DRIVE	NSTOR	RSEL0360I17A	SS-0049-0224	\$1,142.00
G119898	NA	DISK DRIVE	NSTOR	RSEL0360I17A	SS-0049-0223	\$1,142.00
G119906	NA	DISK DRIVE	NSTOR	RSEL-0180I17	SS-0052-0872	\$772.00
G119907	NA	DISK DRIVE	NSTOR	RSEL-0180I17	SS-0052-0871	\$772.00
G118909	NA	DISK DRIVE	NSTOR	RSEL0360I17A	SS01030059	\$1,142.00
G119910	NA	DISK DRIVE	NSTOR	RSEL0360I17A	SS01030058	\$1,142.00
G119914	NA	disk drive	NSTOR	RSEL0360/17A	SS01080083	\$1,142.00
G118915	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	3100612	\$3,758.00
G121730	1261220	DISK DRIVE	PARITY	PS5800	403241	\$2,783.00
G121756	1263784	DISK DRIVE	PARITY	PS5800	4090804	\$4,055.00
G122008	1259386	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	3100611	\$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	1255876	Disk Drive	PERFORMANCE PERIP	280	150510	\$798.00
G121886	1263738	OPTICAL HARD DRIVE	PINNACLE	PM0-650	1100-11754	\$2,838.00
G157104	1613132	ROTATIONAL STAGE	POLYTIC	MO370G	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	T06789	\$3,531.00
G157803	1881169	DLT TAPE DRIVE	QUANTUM	TH6BEYF	CX91001856	\$5,345.00
G157818	1881168	DLT TAPE DRIVE	QUANTUM	TH6BE-YF	CX91001762	\$5,345.00
G121764	G79055	DISK DRIVE	RODIME SYSTEMS	210E	C21003754	\$1,498.00
G121775	G079057	HARD DRIVE, EXTERNAL	RODIME SYSTEMS	210E	C21003771	\$1,498.00
G122138	G078614	HARD DRIVE, EXTERNAL	RODIME SYSTEMS	70E	C07001623	\$668.00
G80870	G079374	DISK DRIVE	RODIME, INC.	COBRA45E	C04000156	\$625.00
G123181	G79373	Disk Drive	RODIME	COBRA 45E	C04000123	\$625.00
G122936	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	LAL01845	\$1,631.00
G145679	NA	DISK DRIVE	SEAGATE	ST19171WC	LAK98467	\$1,631.00
G148176	NA	DISK DRIVE	SEAGATE	ST423451N	LC344838	\$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	LN685570	\$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	MP61948373	\$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
G157042	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN686198	\$379.00
G157043	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN688069	\$379.00
G157045	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN685507	\$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	LN669286	\$379.00
G157073	NA	INTERNAL DISK DRIVE	SEAGATE	ST34573W	LN677028	\$379.00
G157837	NA	INTERNAL DISK DRIVE	SEAGATE	ST118273W	LP645688	\$803.00
G157838	NA	INTERNAL DISK DRIVE	SEAGATE	ST118273W	LP646221	\$803.00
G122059	1259345	DISK DRIVE	SEAGATE	ST43400N	231G2071	\$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
G119946	2009191	CPU	SGI	ORIGIN 200	690DA321	\$20,443.00
G122408	1431846	CPU	SGI	CMNB007BF195	0800690A9EB6	\$23,848.00
G122411	1432232	CPU	SGI	CMNB006T150	0800690A5427	\$5,446.00
G122415	1432220	CPU	SGI	CMNB006T150	0800690A5428	\$7,046.00
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	CMNB006T150	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	\$14,846.00
G122554	1432339	CPU	SGI	CMNB007Y125	0800690AA116	\$14,846.00
G122557	1432340	CPU	SGI	CMNB007Y125	0800690AA118	\$14,846.00



## Exhibit B. Off-Site Government Furnished Property

### 1. Science Computing Mission Critical Systems

G122572	1432333	CPU	SGI	CMNB007AF195	0800690A61F0	\$15,846.00
G122575	1432334	CPU	SGI	CMNB007BF195	0800690A9FFB	\$15,846.00
G122608	1264458	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	1264462	CPU	SGI	CMNB006	80069080	\$13,309.00
G80632	1428704	CPU	SGI	CMNB006	800690	\$7,120.00
G80636	1428702	CPU	SGI	CMNB006	0800690A066C	\$7,120.00
G80640	1428696	CPU	SGI	CMNB006	0800690A058B	\$7,120.00
G80644	1428700	CPU	SGI	CMNB006	800690	\$7,120.00
G80982	1428712	CPU	SGI	CMNB007Y125	0800690A1553	\$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	0800690E7BEE	\$12,316.00
G119927	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
G119929	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	80069089868	\$12,116.00
G158276	1423811	CPU W/MONITOR, KB, MOUSE	SGI	CMNB006Y66	080069088F89	\$12,116.00
G149106	1877087	CPU WORKSATION	SGI	CMNB014ANT200	080069050143	\$5,998.00
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	6943782	\$365.00
G122409	NA	KEYBOARD	SGI	RT6856T	51661893	\$100.00
G122414	NA	KEYBOARD	SGI	RT6856T	51860483	\$100.00
G122418	NA	KEYBOARD	SGI	RT6856T	51860457	\$100.00
G122464	NA	KEYBOARD	SGI	RT6856T	51880617	\$100.00
G122480	NA	KEYBOARD	SGI	RT6856T	51861045	\$100.00
G122484	NA	KEYBOARD	SGI	RT6856T	51662439	\$100.00
G122487	NA	KEYBOARD	SGI	RT6856T	51862360	\$100.00
G122492	NA	KEYBOARD	SGI	RT6856T	51861043	\$100.00
G122495	NA	KEYBOARD	SGI	RT6856T	51663349	\$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
G122608	NA	KEYBOARD	SGI	RT6856T	51863844	\$100.00
G122612	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	51662776	\$100.00
G122568	NA	KEYBOARD	SGI	RT6856T	51662689	\$100.00
G122558	NA	KEYBOARD	SGI	RT6856T	51663400	\$100.00
G122573	NA	KEYBOARD	SGI	RT6856T	51860410	\$100.00
G122606	NA	KEYBOARD	SGI	AT-101	9570	\$100.00
G122815	NA	KEYBOARD	SGI	RT6856T	Z1770619	\$75.00
G122855	NA	KEYBOARD	SGI	RT6856T	32670569	\$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	10880802	\$100.00
G149103	NA	KEYBOARD	SGI	RT6856T	10880800	\$100.00
G149105	NA	KEYBOARD	SGI	RT6856T	10880801	\$100.00
G157077	NA	KEYBOARD	SGI	RT6856T	BZ2681431	\$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	AT101	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	89053F11	\$14,036.00
G145579	1874679	MINI COMPUTER	SGI	CMNB015ANF175	080069088932	\$16,196.00
G80623	1259182	MINI COMPUTER	SGI	CMNB007	080069075D1B	\$20,215.00
G119928	2009900	MONITOR	SGI	GDM5411 0	2415655	\$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	2027416	\$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
G122467	1432361	MONITOR	SGI	GDM20E21	2021601	\$1,200.00
G122468	1432358	MONITOR	SGI	GDM20E21	2021803	\$1,200.00
G122469	1432359	MONITOR	SGI	GDM20E21	2021804	\$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	2021802	\$1,200.00
G122474	1432367	MONITOR	SGI	GDM20E21	2029586	\$1,200.00
G122475	1432364	MONITOR	SGI	GDM20E21	2024711	\$1,200.00
G122476	1432365	MONITOR	SGI	GDM20E21	2029588	\$1,200.00
G122546	1432357	MONITOR	SGI	GDM20E21	2041669	\$1,200.00
G122547	1432335	MONITOR	SGI	GDM20E21	2021588	\$1,200.00
G122548	1881842	MONITOR	SGI	GDM20E21	2083020	\$1,200.00
G122549	1432341	MONITOR	SGI	GDM20E21	2021600	\$1,200.00
G122550	1739295	MONITOR	SGI	GDM20E20	9632G12222	\$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	7006263	\$2,000.00
G149083	1877084	MONITOR	SGI	GDM4011P	7006262	\$2,000.00
G149084	1877083	MONITOR	SGI	GDM4011P	7006264	\$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

## Exhibit B. Off-Site Government Furnished Property

### 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	2001832	\$1,800.00
G80653	1428707	MONITOR	SGI	GDM20E21	2001928	\$1,800.00
G122410	NA	MOUSE	SGI	630009001	C62101331	\$50.00
G122413	NA	MOUSE	SGI	630009001	123997	\$50.00
G122416	NA	MOUSE	SGI	630009001	7948	\$50.00
G122485	NA	MOUSE	SGI	630009001	18238	\$50.00
G122479	NA	MOUSE	SGI	630009001	7213	\$50.00
G122482	NA	MOUSE	SGI	630009001	7261	\$50.00
G122486	NA	MOUSE	SGI	630009001	6568	\$50.00
G122490	NA	MOUSE	SGI	630009001	17115	\$50.00
G122494	NA	MOUSE	SGI	630009001	7710	\$50.00
G122499	NA	MOUSE	SGI	630009001	7298	\$50.00
G122503	NA	MOUSE	SGI	630009001	7216	\$50.00
G122507	NA	MOUSE	SGI	630009001	C62401158	\$50.00
G122511	NA	MOUSE	SGI	630009001	8548	\$50.00
G122522	NA	MOUSE	SGI	630009001	7984	\$50.00
G122526	NA	MOUSE	SGI	630009001	17153	\$50.00
G122529	NA	MOUSE	SGI	630009001	7285	\$50.00
G122552	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
G122975	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	\$5,898.00

## Exhibit B. Off-Site Government Furnished Property

### 1. Science Computing Mission Critical Systems

G122018	1156905	19 MONITOR"	SILICON GRAPHICS	HL7965KWSG	205004810	\$1,500.00
G122045	1424863	19 MONITOR"	SILICON GRAPHICS	GDM20D11	2020093	\$1,800.00
G121766	1259396	CPU	SILICON GRAPHICS	CMNB006	80069077089	\$17,095.00
G80574	NONE	CPU	SILICON GRAPHICS	W24A1-1G32	0800G9079FB6	\$12,093.00
G122221	1263779	CPU INDY	SILICON GRAPHICS	CMB0006	880069079FF0	\$9,517.00
G122296	801467	DISK DRIVE	SILICON GRAPHICS	FD235HF	340028117D	\$365.00
G122042	1259180	INDIGO 2 CPU	SILICON GRAPHICS	CMMB007	08006907F10E	\$30,398.00
G121743	NA	KEYBOARD	SILICON GRAPHICS	9500829	NONE	\$100.00
G121787	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	\$23,845.00
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	515088	\$50.00
G122130	1156906	SUPER COMPUTER (SERVER)	SILICON GRAPHICS	CMNA008	S23660	\$31,902.00
G122676	NA	TIGER SWITCH	SMC	NONE	K152202950501300000	\$1,045.00
G122677	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	\$1,234.87
G119945	1636771	TAPE DRIVE	SONY	NONE	NONE	\$3,782.00
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	BMM CASSETTE DRIVE	SUN	603900801	144L0199	\$2,546.00
G121844	1088688	CD ROM DRIVE	SUN	595192905	135G3699	\$798.00
G122176	1157803	CD ROM DRIVE	SUN	411	231G3072	\$776.00
G80464	1088957	CD ROM DRIVE	SUN	411	138G3617	\$796.00
G121888	1160032	COMPUTER	SUN	144	303F1292	\$7,913.00
G122729	1742551	COMPUTER MICRO	SUN	E3001X	713F0506	\$40,084.00
G119965	2008403	CPU	SUN	600607302	TW02337796	\$5,143.00
G119983	1885630	CPU	SUN	600605702	FW02530533	\$4,181.00
G119985	1885636	CPU	SUN	600605702	FW02440003	\$4,181.00



## Exhibit B. Off-Site Government Furnished Property

### 1. Science Computing Mission Critical Systems

G119986	1885631	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
G145662	1876847	CPU	SUN	ULTRA 60	812FC027	\$18,768.47
G145666	1876859	CPU	SUN	A16	812FC826	\$8,696.00
G145684	1876850	CPU	SUN	A16	812FC20F	\$8,696.00
G145692	1876860	CPU	SUN	A16	812FC826	\$8,696.00
G148188	1876861	CPU	SUN	NA 1	812FC869	\$8,696.00
G149962	1879159	CPU	SUN	A22	FW83410633	\$5,359.00
G150675	1879158	CPU	SUN	A22	FW83340497	\$5,359.00
G150915	NA	CPU	SUN	ULTRA 10	PR88008659	\$4,964.00
G150919	NA	CPU	SUN	ULTRA 10	PR88008858	\$4,964.00
G157084	1881481	CPU	SUN	A22	FW82010165	\$4,227.00
G157099	1880543	CPU	SUN	A22	FW90650733	\$5,017.00
G157786	1882263	cpu	SUN	A22	FW93130467	\$4,227.00
G167877	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	600379602	613F1A9A	\$10,148.00
G80657	1428734	CPU	SUN	600379602	613F1495	\$10,148.00
G80660	1428736	CPU	SUN	600380902	613F144C	\$10,148.00
G80663	1428732	CPU	SUN	600379602	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

G80985	1428698	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
G157109	1880540	CPU W KB AND MOUSE	SUN	A25	905H3DE6	\$35,004.00
G157817	1881068	CPU W KB AND MOUSEE	SUN	A22	FW90820426	\$4,090.00
G158309	1885642	CPU W/ KB & MOUSE	SUN	800605702	FW02520172	\$4,181.00
G157852	1880546	CPU W/ KBA	SUN	A22	FW90720556	\$5,017.00
G119966	2008401	CPU W/KB AND MOUSE	SUN	600607302	TW02337946	\$5,143.00
G119939	1885632	CPU W/KB&MOUSE	SUN	800605702	FW02520176	\$4,181.00
G119941	1885635	CPU W/KB&MOUSE	SUN	800605702	FW02530510	\$4,181.00
G119944	1885633	CPU W/KB&MOUSE	SUN	800605702	FW02530525	\$4,181.00
G123016	1090763	CPU-SERVER, SPARE	SUN	547	202K0315	\$11,813.00
G122181	1088920	DISK DRIVE	SUN	NONE	138G3655	\$798.00
G123047	1091057	DISK DRIVE	SUN	571	204L0140	\$2,548.00
G80389	1091054	DISK DRIVE UNIT	SUN	571*	203L0074	\$2,548.00
G80381	1091108	DISK DRIVE UNIT	SUN	571*	206L0008	\$2,548.00
G157787	1882285	DISK MULTIPACK	SUN	911	929C4469	\$3,840.00
G80354	1088956	DISPLAY DRIVE UNIT	SUN	411	138G3484	\$798.00
G122715	1428721	DISPLAY UNIT	SUN	GDM20E20	9548G1146	\$1,800.00
G80797	1422706	DISPLAY UNIT	SUN	GDM1962	9107CV1424	\$800.00
G80949	NA	E3 Power Supply SAISUN02	SUN	PEX69031	983823E1067	\$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
G121921	NA	keyboard	SUN	TYPE 4	0011219-9202000983	\$100.00
G121874	NA	KEYBOARD	SUN	TYPE 5	9231027438	\$100.00
G122071	NA	KEYBOARD	SUN	TYPE 4	9120004404	\$100.00
G122145	NA	KEYBOARD	SUN	TYPE 5	9241055218	\$100.00
G122249	NA	KEYBOARD	SUN	TYPE 5	9225015229	\$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

G122536	NA	keyboard	SUN	TYPE 5C	9829417866	\$100.00
G122538	NA	KEYBOARD	SUN	TYPE 5C	9829417894	\$100.00
G122540	NA	KEYBOARD	SUN	TYPE 5C	9829417839	\$100.00
G122544	NA	KEYBOARD	SUN	TYPE 5C	9829417703	\$100.00
G122717	NA	KEYBOARD	SUN	TYPE 5C	9802319891	\$100.00
G122981	NA	KEYBOARD	SUN	TYPE 5C	9724610322	\$100.00
G122983	NA	KEYBOARD	SUN	TYPE 5C	9724610324	\$100.00
G123036	NA	KEYBOARD	SUN	TYPE 4	9202000738	\$100.00
G145622	NA	KEYBOARD	SUN	TYPE 5C	9829417761	\$100.00
G145656	NA	KEYBOARD	SUN	TYPE 5C	9802743147	\$100.00
G145663	NA	KEYBOARD	SUN	TYPE 5C	9807762556	\$100.00
G145673	NA	KEYBOARD	SUN	TYPE 5C	9807762644	\$100.00
G145687	NA	KEYBOARD	SUN	TYPE 5C	9807764767	\$100.00
G148190	NA	KEYBOARD	SUN	TYPE 5C	9802764772	\$100.00
G148193	NA	KEYBOARD	SUN	TYPE 5C	9807762523	\$100.00
G149089	NA	KEYBOARD	SUN	TYPE 5C	9802745191	\$100.00
G149091	NA	KEYBOARD	SUN	TYPE 5C	9802745237	\$100.00
G149093	NA	KEYBOARD	SUN	TYPE 5C	9802745238	\$100.00
G149959	NA	KEYBOARD	SUN	TYPE 5C	9821838944	\$100.00
G149963	NONE	KEYBOARD	SUN	TYPE 5C	9822845953	\$100.00
G150913	NA	KEYBOARD	SUN	TYPE 5C	9829899434	\$100.00
G150917	NA	KEYBOARD	SUN	TYPE 5C	9829901316	\$100.00
G157085	NA	KEYBOARD	SUN	5C	9904001962	\$50.00
G157878	NA	KEYBOARD	SUN	TYPE 5C	9844952088	\$100.00
G157881	NA	KEYBOARD	SUN	TYPE 5C	9844952102	\$50.00
G157883	NA	KEYBOARD	SUN	TYPE 5C	9844948958	\$100.00
G80655	NA	KEYBOARD	SUN	TYPE 5C	9826873814	\$100.00
G80658	NA	KEYBOARD	SUN	TYPE 5C	9602319645	\$100.00
G80664	NA	KEYBOARD	SUN	TYPE 56	9449088648	\$100.00
G80668	NA	KEYBOARD	SUN	TYPE 5C	9452108877	\$100.00
G80967	NA	KEYBOARD	SUN	TYPE 5	9240046838	\$100.00
G122714	1428720	MINI SUN COMPUTER	SUN	A11-140	613F1494	\$10,148.00
G119916	NA	MONITOR	SUN	365139901	S0046LB0822	\$1,099.00
G119924	1885706	MONITOR	SUN	365-1399-01	0012LB1508	\$1,256.00
G119935	1885707	MONITOR	SUN	365139901	0012LB1529	\$1,256.00
G119938	1885712	MONITOR	SUN	365139901	0012LB1519	\$1,256.00
G119938	1885715	MONITOR	SUN	365139901	0012LB1518	\$1,256.00
G119940	1885711	MONITOR	SUN	365139901	0012LB1520	\$1,256.00

## 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
G122481	1880707	MONITOR	SUN	GDM20E20	9546GI2768	\$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	1091082	MONITOR	SUN	GDM-1962B	9125DN1485	\$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	9548G11151	\$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	\$1,365.00
G157098	1880550	MONITOR	SUN	447P	9848KC1038	\$646.00
G157785	1882284	MONITOR	SUN	GDM5010PT	9929KN0030	\$1,365.00
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

G167847	NA	MONITOR	SUN	GDM5010PT	9934KH4937	\$1,025.05
G157849	1880547	MONITOR	SUN	CM751U	9842KE1506	\$1,001.00
G167851	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	9548G11162	\$1,800.00
G80674	1428731	MONITOR	SUN	GDM20E20	9548G12239	\$1,800.00
G80865	2008629	MONITOR	SUN	GDM20D20	9551G1D195	\$3,900.00
G119978	NA	MOUSE	SUN	370363102	0479444M04C	\$50.00
G119980	NA	MOUSE	SUN	370363102	0478464M04C	\$50.00
G119981	NA	MOUSE	SUN	370363102	9Z03778M	\$50.00
G121872	NONE	MOUSE	SUN	401162035D	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	LZA80304363	\$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	\$60.00
G149094	NA	MOUSE	SUN	COMPACT 1	LZA74505585	\$50.00
G149961	NA	MOUSE	SUN	COMPACT 1	370158603	\$50.00
G149884	NONE	MOUSE	SUN	COMPACT 1	LZA82550229	\$50.00
G150916	NA	MOUSE	SUN	COMPACT 1	LZA83654707	\$50.00
G150918	NA	MOUSE	SUN	COMPACT 1	LZA83654708	\$50.00
G157083	NA	MOUSE	SUN	COMPACT 1	LZB911023003	\$50.00
G157879	NA	MOUSE	SUN	COMPACT 1	LZA84950309	\$50.00
G157884	NA	MOUSE	SUN	COMPACT 1	LZA84850016	\$50.00
G80656	NA	MOUSE	SUN	COMPACT 1	LZA73210380	\$50.00
G80659	NA	MOUSE	SUN	COMPACT 1	LTC54317734	\$50.00
G80682	NA	MOUSE	SUN	COMPACT 1	LTC54315271	\$50.00
G80665	NA	MOUSE	SUN	TYPE 5	MSCF0331895	\$50.00
G80669	NA	MOUSE	SUN	COMPACT 1	LTC54317830	\$50.00
G121702	1180075	SPARC STATION	SUN	147B	303F0629	\$7,913.00
G122163	1256095	SPARC STATION 10	SUN	SVCD571	600293306H2	\$19,553.00
G122062	1180076	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 Convertor	SUN	SUN INTERFACE	1.04394E + 15	\$78.38
G80385	1880706	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	1156755	NETWORK INTERFACE	TEKTRONICS	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
G149078	1877187	PHASER 560 PRINTER	TEKTRONIX	2560	J20H338	\$4,718.00
G149077	1877190	copy station	TEKXTRONIK	4540	B06B12E	\$1,471.00
G122640	NA	COLOR PRINTER	TEKTRONIX	2560R	J23AC58	\$8,145.00
G122639	NA	PHASER COPY STATION	TEKTRONIX	4540	B0572HM	\$1,510.00
G122920	1873160	PRINTER	TEKTRONIX	2550	J405N57	\$7,609.00
G122921	1873161	PRINTER	TEKTRONIX	2550	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	JP01042	\$8,846.00
G122097	G78538	PRINTER W. PAPER TRAY	TEXTRONIX	4693FXI	JP02372	\$6,503.00
G80772	NONE	DATADrive 2GB TAPE STORAGE SYS	THIRDWAVE	MLB-3531	1938	\$1,435.00
G122937	1742933	DISK DRIVE	TOSHIBA AMER INFO S	TXM570153	746N219820	\$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	ST41800N	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
						\$2,695,447.02

## 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	deltem	desc	manufacturer	model_no	serial_no	unit_pr	date acqu
2	G157071	1881186	COMP W/KB AND MO	APPLE	IMAC	XA9030RQFM3		\$1,228.00	19990423
3	G80283	1159205	COMPUTER	EVEREX	EX02802A00+	25E0683913113		\$5,692.00	19890816
4	G80288	1159208	COMPUTER	EVEREX	EX02802A00+	25G0383010704		\$5,682.00	19900724
5	G80288	1159210	COMPUTER	EVEREX	EX02808CIS	25G0301851012		\$8,925.00	19890816
6	G80290	1159212	COMPUTER	APPLE	M5333	F847EF8		\$3,385.00	19891115
7	G121882	1263771	COMPUTER	APPLE	M1688	CK4221Q41H2		\$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	19930826
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	G122628	1431693	CPU	APPLE	M3979	XB6364QT8FP		\$1,874.00	19960918
19	G117978	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	1876868	CPU	APPLE	M4405	XB813407AZ3		\$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	D8668T	KR001C6145		\$579.00	20000724
31	G119975	1885931	CPU	HP	D8668T	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		\$4,186.00	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	E55C1		\$3,212.00	19980430
40	G150884	NA	CPU	DELL	XPSR450	H685Q		\$1,870.00	19981112

## 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	date	desc	manufacturer	model_no	serial_no	unit_pri	date acqu
41	G122597	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	19960926
47	G122382	NA		CPU	GATEWAY 2000	APXTOWER	5029412	\$2,468.26	19960926
48	G122568	NA		CPU	GATEWAY 2000	ATX TOWER	5029413	\$2,499.87	19961015
49	G122683	NA		CPU	GATEWAY 2000	BATC	6808515	\$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	LP MINI 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	G150928	NA		CPU	INTERLINK	NONE	NONE	\$735.00	19990125
57	G157101	NA		CPU	MICRON	17797670001	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	D8665T	KP948B8666	\$549.00	20000525
62	G119893	2009129		CPU W KB, MOUSE, SATLAS		AMD RS 6000	NONE	\$1,281.00	20000926
63	G158357	NA		CPU W KEYBOARD/MOUSE	DELL	MMS	5ZSU5	\$1,799.00	19991101
64	G158883	1881850		CPU W/ KB	IBM	NONE	1S2138E96AF1CTHD	\$1,089.00	19990707
65	G119950	NA		CPU W/ KB & MOUSE	DELL	MMS	HLYN801	\$1,759.99	20010116
66	G157855	1881340		CPU W/ KB AND MOUSE	APPLE	M5183	SG91531HG9D	\$1,435.00	19990505
67	G157857	1881563		CPU W/ KB AND MOUSE	APPLE	M5183	SG916B6NG9D	\$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	GBC800B	\$1,200.00	20000719
70	G119931	1876871		CPU W/ KB, TRACKBALL	MACINTOSH	G3	XB814082A23	\$2,690.00	19980409
71	G158299	NA		CPU W/ MOUSE, KB	DELL	XPST500	EDUTM	\$2,240.00	20000315
72	G161011	1882592		CPU W/MONITR,KB	GATEWAY	E4200550	90159964956	\$2,428.00	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	19980626
75	G122830	1873207		LAP TOP COMPUTER	NEC	PC624091803	75002754	\$3,757.00	19970701
76	G119900	1424275		LAPTOP	IBM	THINKPAD	23-BGP58	\$4,957.00	19950224
77	G119895	1611658		LAPTOP	APPLE	M3571	QF7321G7A2A	\$2,400.00	19971128
78	G157853	1876088		LAPTOP	APPLE	M3553	CK7511R4REJ	\$3,400.00	19980122
79	G161012	1876436		LAPTOP	NEC	V6237	F81601478	\$4,135.00	19980213

**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	
80	G161013	1883271	LAPTOP	DELL	TS30T	1296198L0074	\$2,463.00	19991028
81	G119925	2008868	LAPTOP	MELAA TECH	N30W	0287710B110255A	\$2,370.00	20000908
82	G117976	2008991	laptop	TOSHIBA	PAP311U-B	20415107U-1	\$2,226.00	20000915
83	G119908	NA	LAPTOP	DELL	PP01L	NONE	\$2,374.00	20010215
84	G119912	NA	LAPTOP	DELL	PP01L	NONE	\$2,374.00	20010215
85	G119933	NA	LAPTOP	DELL	PPX	NONE	\$2,165.90	20010209
86	G122925	1873204	LAPTOP COMP	NEC	PC-6240-91803	75002787	\$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	1873206	LAPTOP COMPUTER	NEC	PC624091803	75002803	\$4,957.00	19970701
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	G119934	1881607	LAPTOP INSPIRON 35	DELL	TS30T	009653D1296196500	\$2,400.00	19990618
94	G145586	1874732	MICRO COMPUTER	NCD	SUPRA66	709060524	\$2,134.00	19970929
95	G145587	1874733	MICRO COMPUTER	NCD	SUPRA66	709060528	\$2,134.00	19970929
98	G80867	NONE	NOTEBOOK PC	TOTAL PERIPHERALS	300/486 SERIRES	DX3-F04022	\$2,781.00	19950106
97	G123094	1259033	POWER BOOK	APPLE	180C	FC325PDD796	\$4,500.00	19931117
98	G157102	NA	POWER MAC	MAC	G3	XA931GKNGQ5	\$1,618.00	19990909
99	G122141	1263770	POWERMACH 8100/80	APPLE	1688	CK4221351H2	\$5,094.00	19940818
100							\$250,472.21	



EXHIBIT C

94-2544 VA, NORFOLK 05/22/01

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

William W. Gross | Wage Determination No.: 1994-2544  
 Director | Division of | Revision No.: 23  
 Wage Determinations | Date Of Last Revision: 05/15/2001

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 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
<i>Administrative Support and Clerical Occupations</i>	
Accounting Clerk I	8.38
Accounting Clerk II	10.58
Accounting Clerk III	13.17
Accounting Clerk IV	14.28
Court Reporter	12.87
Dispatcher, Motor Vehicle	12.63
Document Preparation Clerk	9.71
Duplicating Machine Operator	9.71
Film/Tape Librarian	9.60
General Clerk I	7.91
General Clerk II	9.73
General Clerk III	12.10
General Clerk IV	13.53
Housing Referral Assistant	14.93
Key Entry Operator I	9.13
Key Entry Operator II	11.49
Messenger (Courier)	7.89
Order Clerk I	10.12
Order Clerk II	13.24
Personnel Assistant (Employment) I	10.43
Personnel Assistant (Employment) II	12.06
Personnel Assistant (Employment) III	12.74
Personnel Assistant (Employment) IV	14.59
Production Control Clerk	16.40
Rental Clerk	10.32
Scheduler, Maintenance	11.24
Secretary I	11.24
Secretary II	13.08
Secretary III	14.93
Secretary IV	17.50

Secretary V	18.37
Service Order Dispatcher	11.04
Stenographer I	10.45
Stenographer II	11.74
Supply Technician	15.74
Survey Worker (Interviewer)	11.18
Switchboard Operator-Receptionist	8.36
Test Examiner	13.08
Test Proctor	13.08
Travel Clerk I	9.02
Travel Clerk II	9.63
Travel Clerk III	10.27
Word Processor I	10.70
Word Processor II	12.05
Word Processor III	13.50
Automatic Data Processing Occupations	
Computer Data Librarian	8.55
Computer Operator I	10.35
Computer Operator II	11.97
Computer Operator III	14.82
Computer Operator IV	17.17
Computer Operator V	18.25
Computer Programmer I (1)	18.32
Computer Programmer II (1)	20.73
Computer Programmer III (1)	24.72
Computer Programmer IV (1)	27.62
Computer Systems Analyst I (1)	23.07
Computer Systems Analyst II (1)	26.57
Computer Systems Analyst III (1)	27.62
Peripheral Equipment Operator	10.93
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	8.39
Cook II	9.28
Dishwasher	7.20
Food Service Worker	7.20
Meat Cutter	11.54
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	8.29
Elevator Operator	7.20
Gardener	10.19
House Keeping Aid I	6.93
House Keeping Aid II	8.88
Janitor	8.28
Laborer, Grounds Maintenance	8.65
Maid or Houseman	6.46
Pest Controller	8.74
Refuse Collector	8.28
Tractor Operator	9.71
Window Cleaner	9.00
Health Occupations	
Dental Assistant	11.11
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	12.21
Licensed Practical Nurse I	10.24
Licensed Practical Nurse II	11.49
Licensed Practical Nurse III	12.85
Medical Assistant	9.79
Medical Laboratory Technician	11.39
Medical Record Clerk	10.90
Medical Record Technician	13.15
Nursing Assistant I	7.67
Nursing Assistant II	8.63
Nursing Assistant III	9.42
Nursing Assistant IV	10.56
Pharmacy Technician	11.84
Phlebotomist	11.49
Registered Nurse I	17.93
Registered Nurse II	21.36
Registered Nurse II, Specialist	21.29
Registered Nurse III	25.76
Registered Nurse III, Anesthetist	25.76
Registered Nurse IV	30.87
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	16.39
Illustrator II	19.91
Illustrator III	22.11
Librarian	18.81
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	6.95
Counter Attendant	6.95
Dry Cleaner	7.44
Finisher, Flatwork, Machine	6.95
Presser, Hand	6.95
Presser, Machine, Drycleaning	6.95
Presser, Machine, Shirts	6.95
Presser, Machine, Wearing Apparel, Laundry	6.95
Sewing Machine Operator	7.97
Tailor	9.68
Washer, Machine	7.49
Machine Tool Operation and Repair Occupations	
Machine-Tool Operator (Toolroom)	16.66
Tool and Die Maker	18.46
Material Handling and Packing Occupations	
Forklift Operator	12.33
Fuel Distribution System Operator	13.84
Material Coordinator	16.69
Material Expediter	16.69
Material Handling Laborer	8.86
Order Filler	8.94
Production Line Worker (Food Processing)	10.91
Shipping Packer	10.54
Shipping/Receiving Clerk	10.54
Stock Clerk (Shelf Stocker; Store Worker II)	11.42
Store Worker I	9.02
Tools and Parts Attendant	14.93
Warehouse Specialist	14.36
Mechanics and Maintenance and Repair Occupations	
Aircraft Mechanic	19.46
Aircraft Mechanic Helper	15.13
Aircraft Quality Control Inspector	20.32
Aircraft Servicer	16.87
Aircraft Worker	17.74
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	15.14
Electronics Technician, Maintenance II	15.48
Electronics Technician, Maintenance III	16.59
Fabric Worker	14.56
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	20.58
Office Appliance Repairer	16.03
Painter, Aircraft	17.49
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	7.34
Mortician	17.63
Park Attendant (Aide)	9.21
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.22
Recreation Specialist	13.50
Recycling Worker	10.14
Sales Clerk	7.34
School Crossing Guard (Crosswalk Attendant)	8.28
Sport Official	6.38
Survey Party Chief (Chief of Party)	11.30
Surveying Aide	7.05
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	10.27
Swimming Pool Operator	10.33
Vending Machine Attendant	10.14
Vending Machine Repairer	11.88
Vending Machine Repairer Helper	10.14
Personal Needs Occupations	
Child Care Attendant	6.63
Child Care Center Clerk	10.26
Chore Aid	6.46
Homemaker	10.45
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	9.87



Corrections Officer	12.33
Court Security Officer	13.19
Detention Officer	13.19
Firefighter	13.65
Guard I	7.67
Guard II	9.18
Police Officer	15.86
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)	27.37
Air Traffic Control Specialist, Station (2)	18.88
Air Traffic Control Specialist, Terminal (2)	20.78
Archeological Technician I	11.83
Archeological Technician II	13.30
Archeological Technician III	16.43
Cartographic Technician	17.17
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	14.16
Engineering Technician II	15.15
Engineering Technician III	18.67
Engineering Technician IV	22.61
Engineering Technician V	26.41
Engineering Technician VI	32.63
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	12.60
Paralegal/Legal Assistant II	15.30
Paralegal/Legal Assistant III	18.72
Paralegal/Legal Assistant IV	22.65
Photooptics Technician	18.89
Technical Writer	17.88
Unexploded (UXO) Safety Escort	17.16
Unexploded (UXO) Sweep Personnel	17.16
Unexploded Ordnance (UXO) Technician I	17.16
Unexploded Ordnance (UXO) Technician II	20.76
Unexploded Ordnance (UXO) Technician III	24.88
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	13.31
Truckdriver, Light Truck	9.33
Truckdriver, Medium Truck	9.75
Truckdriver, Tractor-Trailer	13.31

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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 when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, 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 ordnance, explosive, and

incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**\*\* 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 should 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 should 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) should 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
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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