

NNG06A211D

Network Engineering Services
At the Goddard Space Flight Center

CONTRACT
(7/28/06)

SCAN

SUPPLEMENTAL INVOICING INFORMATION

If desired, this order (or a copy thereof) may be used by the Contractor as the Contractor's invoice, instead of a separate invoice, provided the following statement, (signed and dated) is on (or attached to) the order: "Payment is requested in the amount of \$ _____. No other invoice will be submitted." However, if the Contractor wishes to submit an invoice, the following information must be provided: contract number (if any), order number, item number(s), description of supplies or service, sizes, quantities, unit prices, and extended totals. Prepaid shipping costs will be indicated as a separate item on the invoice. Where shipping costs exceed \$10 (except for parcel post), the billing must be supported by a bill of lading or receipt. When several orders are invoiced to an ordering activity during the same billing period, consolidated periodic billings are encouraged.

RECEIVING REPORT

Quantity in the "Quantity Accepted" column on the face of this order has been: inspected, accepted, received by me and conforms to contract. Items listed below have been rejected for the reasons indicated.

SHIPMENT NUMBER	PARTIAL	DATE RECEIVED	SIGNATURE OF AUTHORIZED U.S. GOV'T REP.	DATE
	FINAL			
TOTAL CONTAINERS	GROSS WEIGHT	RECEIVED AT	TITLE	

REPORT OF REJECTIONS

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**SECTION B
SUPPLIES OR SERVICES AND PRICES/COSTS**

Section B of the Millennia contract is applicable to this task order, in addition to the following:

B.1 DELIVERABLE REQUIREMENTS (GSFC 52.211-90) (OCT 1988)

The Contractor shall perform and/or deliver the following:

ITEM	DESCRIPTION	REFERENCE	SCHEDULE
1	Network Technology Product Evaluation Reports	SOW Section A.1	As Required
2	Quarterly Reports – Network Technology for IOnet	SOW Section A.1	As Required
3	Updated Block Diagrams, Floor Layouts, Equipment Utilization Diagrams	SOW Section A.2	As Required
4	Security Product Evaluation Reports	SOW Section B	As Required
5	Security Audit Report	SOW Section B	As Required
6	Security Documentation Updates	SOW Section B	As Required
7	Security Compliance Audits	SOW Section B.1	As Required
8	Network Connection Reports	SOW Section B.1	As Required
9	Monthly Technologies Development Analysis	SOW Section B.2	As Required
10	Security Alternative Analyses	SOW Section B.2	As Required
11	Security Risk Analysis	SOW Section B.2	As Required

SECTION B
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12	Rules Analysis and Audit	SOW Section B.2	As Required
13	Semi-Annual Network Power Configuration Reports	SOW Section C.1	As Required
14	Monthly Property Management Report	SOW Section C.2	As Required
15	Monthly Configuration Report	SOW Section C.3	As Required
16	Annual Hard Property Receipts	SOW Section C.3	As Required
17	NASA Form 533M (Monthly Contractor Financial Management Report)	SOW Section D, Clause G. 1 and G. 6	15 th calendar day following the month or quarter being reported
18	Monthly Task Order Status Report	SOW Section D	As Required
19	Monthly Documentation Status Report	SOW Section D	As Required
20	Trip Reports	SOW Section D	As Required
21	Final Report	Clause C.2	Within 30 days of task completion
22	New Technology Report	Clause G.4	As required and specified in Clause G.4
23	DD 1419, DOD Industrial Plant Equipment Requisition	Clause G.7	As required and specified in Clause G.7
24	Financial Report of NASA Property in the Custody of Contractors (NF 1018)	Clause G.9	Annual report due by October 15 th and final report due as specified
25	Safety and Health Reporting	Clause H.1, H.5	As required and specified in Clause H.1, H.5
26	GSFC Form 24-27 (LISTS Form) & NASA Form 531 (Name Check Request)	Clause H.3	As required and specified in Clause H.3

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SUPPLIES OR SERVICES AND PRICES/COSTS

27	Small Business Subcontracting Report (SF 294 & S95)	Clause H.9	As required and specified in clause H.9
28	Information Technology Security Plan	Clause I.1 1852.204-76	Due 15 days after task order award

(End of clause)

B.2 ESTIMATED COST INCREASES (GSFC 52.232-94) (SEP 1998)

- (a) The requirements of this clause are in conjunction with the Limitation of Cost clause or the Limitation of Funds clause of this contract.
- (b) The Contractor shall notify the Contracting Officer in writing when the Contractor has reason to believe that the total cost for performance of this contract, exclusive of any fee, will be either greater or substantially less than the total estimated cost stated in this contract. Notification shall not be delayed pending preparation of a proposal.
- (c) A proposal is required to support a request for an increase in the estimated cost of the contract. The proposal should be submitted as soon as possible after the above notification but no later than 115 days before the incurred costs are expected to exceed the estimated cost. This will allow adequate time for the Government to evaluate the proposal and to mutually establish any increase in estimated cost with the Contractor.
- (d)(1) The proposal shall be submitted in the following format unless some other format is directed or approved by the Contracting Officer:

Incurred costs to date
Projected cost to completion
Total cost at completion
Current negotiated estimated cost
Requested increase in estimated cost

- (2) The "projected cost to completion" shall consist of the following "other than cost or pricing data" unless the Contracting Officer requests or approves the submittal of a greater or lesser amount of information:
- (i) Elements of cost with supporting detail for estimated direct labor hours, direct and indirect rates, materials and subcontracts, and other elements.
 - (ii) Supporting explanation for the increases and projections, sufficient for the Government to understand the reasons for the increased estimated cost.

(End of clause)

SECTION B
SUPPLIES OR SERVICES AND PRICES/COSTS

B.3 ESTIMATED COST AND FIXED FEE (1852.216-74) (DECEMBER 1991)

The estimated cost of this contract is \$6,519,175 exclusive of the fixed fee of \$473,903. The total estimated cost and fixed fee is \$6,993,078.

(End of clause)

B.4 PAYMENT OF FIXED FEE (1852.216-75) (DECEMBER 1988)

The fixed fee shall be paid in monthly installments based upon the percentage of completion of work as determined by the Contracting Officer.

(End of clause)

B.5 CONTRACT FUNDING (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: \$842,584.67. This allotment is for network engineering services, and covers the following estimated period of performance: through September 5, 2006.

(b) An additional amount of: \$52,000, is obligated under this contract for payment of fee.

(End of clause)

SECTION C
DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Section C of the Millennia contract is applicable to this task order, in addition to the following:

C.1 SCOPE

The Contractor shall provide the personnel, materials, and facilities, except as otherwise specified in this order, necessary to perform the work specified in Section C, to furnish the items specified in Section B of this Task Order, and Attachment A, Statement of Work. This Task Order includes support to the mission network managed by GSFC including: sustaining engineering of network components, network security engineering, and network facility engineering. The SOW requirements also focus on the application and customization of emerging technologies to meet current and future networking requirements, and the necessary integration required to deploy new technologies into the existing environment.

(End of Text)

C.2 COMPUTER SOFTWARE AND DATA RIGHTS

Computer software and data related to the computer software such as its documentation and training materials are to be delivered with unlimited rights. No limited rights data or restricted computer software will be accepted for delivery, except for COTS computer software products.

(End of Text)

SECTION D
PACKAGING AND MARKING

Section D of the Millennia contract is applicable to this task order with no additions or modifications.

SECTION E
INSPECTION AND ACCEPTANCE

Section E of the Millennia contract is applicable to this task order with the following additions.

E. 1 ACCEPTANCE--SINGLE LOCATION (GSFC 52.246-92) (SEPT 1989)

The Contracting Officer or authorized representative will accomplish acceptance at NASA/Goddard Space Flight Center. For the purpose of this clause, the Contracting Officer's Technical Representative named in this contract is the authorized representative. The Contracting Officer reserves the right to unilaterally designate a different Government agent as the authorized representative. The Contractor will be notified by a written notice or by a copy of the delegation of authority if different representative is designated.

(End of clause)

E. 2 INSPECTION SYSTEM (SUBCONTRACTS) (GSFC 52.246-100) (JULY 2000)

In performance of this contract, the Contractor shall impose inspection system requirements on subcontractors and suppliers to ensure the required quality of supplies or services. Monitoring of the Contractor's system for inspecting subcontractors will be accomplished through the combined efforts of NASA/GSFC personnel and the delegated Government agency. The authority and responsibility of the delegated agency will be defined in a letter of contract administration delegation.

(End of clause)

E. 3 INSPECTION SYSTEM RECORDS (GSFC 52.246-102) (OCT 1988)

The Contractor shall maintain records evidencing inspections in accordance with the Inspection clause of this contract for five years after delivery of all items and/or completion of all services called for by the contract.

(End of clause)

SECTION F
DELIVERIES OR PERFORMANCE

Section F of the Millennium contract is applicable to this task order with the following additions:

F. 1 PLACE OF PERFORMANCE—SERVICES (GSFC 52.237-92) (OCT 1988)

The principal place of performance is the Goddard Space Flight Center in Greenbelt, MD. However, the Goddard high performance user community is located throughout the United States and elsewhere in the world. In addition, many tasks can be completed at remote sites (off site) via networked resources. At least two of the assigned support staff shall work at the Goddard Space Flight Center. The location of additional assigned staff shall be subject to the Government's consent. Long distance travel shall be in accordance with the then-current Government Federal Travel Regulations.

(End of clause)

F. 2 PERIOD OF PERFORMANCE

The period of performance of this contract shall be July 28, 2006 through May 31, 2007.

(End of Text)

SECTION G
CONTRACT ADMINISTRATION DATA

Section G of the Millennia contract is applicable to this task order with the following additions:

G.1 FINANCIAL MANAGEMENT REPORTING (GSFC 52.242-90) (FEB 2004)

(a) Requirements. This clause provides the supplemental instructions referred to in NASA FAR Supplement (NFS) clause 1852.242-73. The NFS clause and NASA Procedural Requirements (NPR) 9501.2D, "NASA Contractor Financial Management Reporting", establish report due dates and other financial management reporting requirements. NPR 9501.2D permits withholding of payment for noncompliance.

(b) Supplemental instructions. (1) Monthly (NF 533M) reports are required. Quarterly (NF 533Q) reports are also required. The reporting structure shall be in accordance with Attachment B of Section J of this contract.

(2) As stated in NPR 9501.2D, NASA strongly encourages electronic contractor cost reporting. The preferred formats are Excel and Adobe. Contact the Contracting Officer for any E-Mail addresses that are not provided or which become noncurrent.

Distribution shall be as follows:

Maria McNamee
Contracting Officer, Code 210.1
E-Mail: Maria.L.McNamee@nasa.gov

Betsy Sirk
Contracting Officer's Technical Representative, Code 701
E-Mail: Betsy.Sirk@nasa.gov

Darlene Downs
Resources Analyst, Code 703
E-Mail: Darlene.E.Downs@nasa.gov

Regional Finance Office Cost Team, Code 155
E-Mail: rfocateam@listserv.gsfc.nasa.gov

Administrative Contracting Officer (if delegated)

(c) Web sites. (1) NPR 9501.2D, "NASA Contractor Financial Management Reporting":

http://nodis3.gsfc.nasa.gov/displayDir.cfm?Internal_ID=N_PR_9501_002D_&page_name=main

(2) NF 533 Tutorial: (for training purposes only)

<http://cfo.gsfc.nasa.gov/nf533/nf533.htm>

SECTION G
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(End of clause)

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

(a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated 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 and one copy should be submitted to:

Cost and Commercial Accounts Department
Code 155
Goddard Space Flight Center
Greenbelt, Maryland 20771

(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 should be submitted as may be 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 and one copy Standard Form (SF)1034, SF 1035, or equivalent Contractor's attachment to the Auditor.

Mr. Alan Emigh, CPA
Supervisory Auditor
DCAA, CSC Resident Office
3160 Fairview Park Drive, Room 234
Falls Church, VA 22042
Phone 703-876-1013
FAX 703-573-1107
Alan.Emigh@dcaa.mil

(2) (Reserved)

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

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CONTRACT ADMINISTRATION DATA

(d) Public vouchers for 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 the Contracting Officer.

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.

(End of clause)

G.3 ASSIGNMENT AND RELEASE FORMS (1852.216-89) (JULY 1997)

The Contractor shall use the following forms to fulfill the assignment and release requirements of FAR clause 52.216-7, Allowable Cost and Payment, and FAR clause 52.216-13, Allowable Cost and Payment (Facilities):

NASA Form 778, Contractor's Release;

NASA Form 779, Assignee's Release;

NASA Form 780, Contractor's Assignment of Refunds, Rebates, Credits, and Other Amounts; and

NASA Form 781, Assignee's Assignment of Refunds, Rebates, Credits, and Other Amounts.

Computer generated forms are acceptable, provided that they comply with FAR clause 52.253-1, Computer Generated Forms.

(End of clause)

G.4 NEW TECHNOLOGY (1852.227-70) (MAY 2002)

(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.

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"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 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 maybe 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 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) above 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

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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 8 months of first disclosure of invention pursuant to 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 pursuant to 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 pursuant to any treaty or agreement with the United States; and

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

(2) Nothing contained in this paragraph © 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.

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(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 6 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 6 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 may use whatever format is convenient to disclose reportable items required in subparagraph (e)(2). NASA prefers that the Contractor use either the electronic or paper version of NASA Form 1679, Disclosure of Invention and New Technology (Including Software) to disclose reportable items. Both the electronic and paper versions of NASA Form 1679 may be accessed at the electronic New Technology Reporting Web site <http://invention.nasa.gov>.

(4) 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.

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(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.

(5) 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.

(6) 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 Contract 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.

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(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 (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

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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.

(End of clause)

G.5 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (1852.227-72) (JULY 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:

Title	Office Code	Address (including zip code)
New Technology	504	Goddard Space Flight Center Representative Greenbelt, MD 20771
Patent	503	Goddard Space Flight Center Representative Greenbelt, MD 20771

(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, should 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 should 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.

(End of clause)

G.6 NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING (1852.242-73) (NOV 2004)

(a) The Contractor shall submit NASA Contractor Financial Management Reports on NASA Forms 533 in accordance with the instructions in NASA Procedural Requirements (NPR) 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

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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 Contractor 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 incur, 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.

(End of clause)

**G.7 CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT
(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 tooling.

(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.

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(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.

(End of clause)

G.8 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY
(1852.245-71) (NOV 2004)

(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:

(1) Notify the cognizant property custodian, COTR, and the Installation Security Officer immediately if theft of Government property is suspected or property cannot be located

(2) Identify Government property equipment that is no longer considered necessary for performance of the contract.

(3) Ensure that equipment is turned in to the Property Disposal Officer through the cognizant property custodian when no longer needed. This is the only acceptable procedure for disposal of Government property.

(4) Do not relocate Government property within Government premises or remove Government property from Government premises without written approval.

(5) Ensure that Government property, including property leased to the Government, is used only for the purposes of performing the contract.

(6) Ensure that Government property is protected and conserved.

The Contractor shall establish and adhere to a system of written procedures for compliance with the 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

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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.

(End of clause)

G.9 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (1852.245-73) (OCT 2003)

(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.

(b)(1) 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.

(2) The Contractor shall mail the original signed NF 1018 directly to the Goddard Space Flight Center (GSFC), General Accounting Department, Property and Reporting Team, Code 157, Greenbelt, MD 20771, unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.

(3) One copy shall be submitted (through the Department of Defense (DOD) Property Administrator if contract administration has been delegated to DOD) to the following address:

Goddard Space Flight Center, Property Management Branch, Code 235, Greenbelt, MD 20771-- unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.

(c)(1) 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 15. 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 15. Some activity may be estimated for the month of September, if necessary, to ensure the NF 1018 is received when due. However, contractors' procedures must document the process for developing these estimates based on planned activity such as planned purchases or NASA Form 533 (NF 533 Contractor Financial

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Management Report) cost estimates. It should be supported and documented by historical experience or other corroborating evidence, and be retained in accordance with FAR Subpart 4.7, Contractor Records Retention. Contractors shall validate the reasonableness of the estimates and associated methodology by comparing them to actual activity once that data is available, and adjust them accordingly. In addition, differences between the estimated cost and the actual cost must be adjusted during the reporting period. Contractors shall have formal policies and procedures, which address the validation of NF 1018 data, including data from subcontractors, and the identification and timely reporting of errors. The objective of this validation is to ensure that information reported is accurate and in compliance with the NASA FAR Supplement. If errors are discovered on NF 1018 after submission, the contractor shall immediately contact the cognizant NASA Center Industrial Property Officer (IPO) to discuss corrective action.

(2) The Contracting Officer may, in NASA'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 in accordance with 1845.505-14 and any supplemental instructions for the current reporting period issued by NASA. Such reserve shall be withheld until the Contracting Officer has determined that NASA has received the required reports. 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) through (3) of this clause.

(End of clause)

**G.10 LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES
(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; pay telephones are available for contractor employees for unofficial calls.

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

(1) Equipment to be made available is listed in: Attachment G. 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.

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- (c) Supplies from stores stock.
- (d) Publications and blank forms stocked by the installation.
- (e) Safety and fire protection for Contractor personnel and facilities.
- (f) Installation service facilities: None
- (g) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty.
- (h) Cafeteria privileges for Contractor employees during normal operating hours.
- (i) Building maintenance for facilities occupied by Contractor personnel.
- (j) 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.
- (k) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

(End of clause)

G.11 CONTRACTOR ACQUIRED PROPERTY – NASA CONDITIONS (GSFC 52.245-97) (SEP 1998)

NASA FAR Supplement 1845.502-70 establishes general and specific conditions that apply to this contract for various categories of contractor acquired property.

(End of Clause)

SECTION H SPECIAL CONTRACT REQUIREMENTS

Section H of the Millennia contract are applicable to this task order, except for the additional Special Contract Requirements indicated below:

H.1 SECTION H CLAUSES INCORPORATED BY REFERENCE

(1852.208-81)	RESTRICTIONS ON PRINTING AND DUPLICATING (OCT 2001)
(1852.223-70)	SAFETY AND HEALTH (APR 2002)
(1852.223-73)	SAFETY AND HEALTH PLAN (NOV 2004)
(1852.223-75)	MAJOR BREACH OF SAFETY OR SECURITY (FEB 2002)
(1852.242-72)	OBSERVANCE OF LEGAL HOLIDAYS (AUG 1992)--ALTERNATE II (OCT 2000)

(End of By Reference Section)

H.2 RELEASE OF SENSITIVE INFORMATION (1852.237-73) (JUNE 2005)

(a) As used in this clause, "sensitive information" refers to information, not currently in the public domain, that the Contractor has developed at private expense, that may embody trade secrets or commercial or financial information, and that may be sensitive or privileged.

(b) In accomplishing management activities and administrative functions, NASA relies heavily on the support of various service providers. To support NASA activities and functions, these service providers, as well as their subcontractors and their individual employees, may need access to sensitive information submitted by the Contractor under this contract. By submitting this proposal or performing this contract, the Contractor agrees that NASA may release to its service providers, their subcontractors, and their individual employees, sensitive information submitted during the course of this procurement, subject to the enumerated protections mandated by the clause at 1852.237-72, Access to Sensitive Information.

(c)(1) The Contractor shall identify any sensitive information submitted in support of this proposal or in performing this contract. For purposes of identifying sensitive information, the Contractor may, in addition to any other notice or legend otherwise required, use a notice similar to the following:

Mark the title page with the following legend:

This proposal or document includes sensitive information that NASA shall not disclose outside the Agency and its service providers that support management activities and administrative functions. To gain access to this sensitive information, a service provider's contract must contain the clause at NFS 1852.237-72, Access to Sensitive Information. Consistent with this clause, the service provider shall not duplicate, use, or disclose the information in whole or in part for any purpose other than to perform the services specified in its contract. This restriction does not limit the Government's right to use this information if it is obtained from another source without restriction. The information subject to this restriction is contained in pages [insert page numbers or other identification of pages].

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Mark each page of sensitive information the Contractor wishes to restrict with the following legend:

Use or disclosure of sensitive information contained on this page is subject to the restriction on the title page of this proposal or document.

(2) The Contracting Officer shall evaluate the facts supporting any claim that particular information is "sensitive." This evaluation shall consider the time and resources necessary to protect the information in accordance with the detailed safeguards mandated by the clause at 1852.237-72, Access to Sensitive Information. However, unless the Contracting Officer decides, with the advice of Center counsel, that reasonable grounds exist to challenge the Contractor's claim that particular information is sensitive, NASA and its service providers and their employees shall comply with all of the safeguards contained in paragraph (d) of this clause.

(d) To receive access to sensitive information needed to assist NASA in accomplishing management activities and administrative functions, the service provider must be operating under a contract that contains the clause at 1852.237-72, Access to Sensitive Information. This clause obligates the service provider to do the following:

(1) Comply with all specified procedures and obligations, including the Organizational Conflicts of Interest Avoidance Plan, which the contract has incorporated as a compliance document.

(2) Utilize any sensitive information coming into its possession only for the purpose of performing the services specified in its contract.

(3) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.

(4) Allow access to sensitive information only to those employees that need it to perform services under its contract.

(5) Preclude access and disclosure of sensitive information to persons and entities outside of the service provider's organization.

(6) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in its contract and to safeguard it from unauthorized use and disclosure.

(7) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.

(8) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.

(e) When the service provider will have primary responsibility for operating an information technology system for NASA that contains sensitive information, the service provider's contract shall include the clause at 1852.204-76, Security Requirements for Unclassified Information Technology Resources. The Security Requirements clause requires the service provider to implement an Information Technology Security Plan to protect information processed, stored, or transmitted from unauthorized access, alteration, disclosure, or use. Service provider personnel requiring privileged access or limited privileged access to these information technology systems

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are subject to screening using the standard National Agency Check (NAC) forms appropriate to the level of risk for adverse impact to NASA missions. The Contracting Officer may allow the service provider to conduct its own screening, provided the service provider employs substantially equivalent screening procedures.

(f) This clause does not affect NASA's responsibilities under the Freedom of Information Act.

(g) The Contractor shall insert this clause, including this paragraph (g), suitably modified to reflect the relationship of the parties, in all subcontracts that may require the furnishing of sensitive information.

(End of clause)

H. 3 ONSITE CONTRACTOR PERSONNEL—IDENTIFICATION, REPORTING, AND CHECKOUT PROCEDURES (GSFC 52.204-99) (AUG 2003)

(a) The Contractor shall designate a representative (point of contact) for the purposes of this clause. The Contractor shall notify the GSFC Security Division, Code 240, Attention: Locator and Information Tracking System (LISTS) Manager, and the Contracting Officer's Technical Representative (COTR) of the designated representative within 15 calendar days of award of this contract. The GSFC maintained LISTS contains work and home location and contact information for personnel that have permanent NASA/GSFC identification badges. The Contractor may contact the LISTS Manager, Tel 301-286-2306 for assistance regarding LISTS.

(b) The Contractor must apply for permanent NASA/GSFC identification badges for those employees who will be employed by the contractor onsite for at least six months. The GSFC Security Division will consider permanent identification badges for other employees of the Contractor on a case by case basis, such as employees that are not resident onsite, but must frequently visit. For each employee, the Contractor must complete and submit a GSFC Form 24-27, "LISTS Form", and a NASA Form 531, "Name Check Request". The forms are available from GSFC Stores Stock or online via NASA and GSFC systems. The GSFC Form 24-27 must be signed by the COTR or the Contracting Officer. The COTR will resolve any housing or access issues, review the forms for accuracy and completeness, and return the signed forms to the Contractor. The Contractor shall forward the form(s) to the GSFC Security Division, Code 240, for the necessary checks, issuance of identification badges, and subsequent data entry into the LISTS. Arrangements for fingerprinting employees will be handled by representatives of the GSFC Security Division's ID Section.

(c) The Contractor shall submit an annotated LISTS Report each month. The GSFC LISTS Manager will furnish a LISTS print-out to the Contractor no later than the end of each month. The Contractor shall annotate this provided report to correct and update the information as follows:

- (1) Draw a line through the names of employees who are no longer employed by the contractor or that no longer work onsite under the contract, and;
- (2) Make handwritten changes to any other incorrect data.

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The annotated LISTS Report shall be separately submitted to the GSFC Security Division, Code 240, Attention: LISTS Manager, and to the COTR by the 10th calendar day of the month.

(d) The Contractor shall ensure that all personnel who have NASA/GSFC issued identification, keys or other property who leave its employ or that no longer work onsite, process out through the GSFC Security Division, Code 240. Employees must return all GSFC issued identification and any Government property no later than the last day of their employment. The Contractor shall establish appropriate procedures and controls to ensure this is accomplished. Failure to comply may result in the exercise of Government rights to limit and control access to Government premises, including denial of access and invalidation of NASA issued badges and identification.

(End of clause)

H. 4 GOVERNMENT PREMISES—PHYSICAL ACCESS AND COMPLIANCE WITH PROCEDURES (GSFC 52.211-95) (DEC 2003)

(a)(1) The Contractor must apply for permanent NASA/GSFC Identification Badges for those employees that will be employed by the Contractor and that will be resident for at least six months at GSFC or at locations controlled by GSFC, such as GSFC leased space. Other personnel may be issued a temporary badge. All personnel must conspicuously display the GSFC badge at, or above, the waistline. Refer to GSFC clause 52.204-99, "Onsite Contractor Personnel—Identification, Reporting, and Checkout Procedures" for permanent Identification Badge issuance procedures.

(2) Visits by foreign nationals are restricted and must be necessary for the performance of the contract and concurred with by the Contracting Officer or by the Contracting Officer's Technical Representative. Approval of such visits must be approved in advance in accordance with GMI 1680.1.

(3) Access to the GSFC may be changed or adjusted in response to threat conditions or special situations.

(b) While on Government premises, the Contractor shall comply with requirements governing the conduct of personnel and the operation of the facility. These requirements are set forth in NASA-wide or installation directives, procedures, handbooks and announcements. The following cover many of the requirements:

- (1) Coordinated Harassment/Discrimination Inquiry Guidelines
<<http://internal.gsfc.nasa.gov/directives/security.html>>
- (2) GMI 1040.5, GSFC Emergency Management Program
- (3) GMI 1040.6, GSFC Emergency Management Plan (Greenbelt)
- (4) GMI 1152.9, Facilities Coordination Committee
- (5) GHB 1600.1, Security Manual
- (6) GMI 1680.1, Visits of Foreign Nationals to GSFC
- (7) GMI 1700.2, GSFC Health and Safety Program
- (8) GMI 6730.6, Vehicle Reserved Parking

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- (9) GPD 8715.1, GSFC Safety Policy
- (10) GPD 8870.1, Environmental Program Management
- (11) GHB 1790.1, Chemical Hygiene Plan
- (12) GPG 1800.1, GSFC Smoking Guidelines
- (13) GHB 1860.1, Radiation Protection--Ionizing Radiation
- (14) GHB 1860.2, Radiation Safety Handbook
- (15) GHB 1860.3, Radiation Safety--Laser
- (16) GHB 1860.4, Radiation Safety--Ultraviolet and High Intensity Radiation
- (17) GPG 2570.1, Radio Frequency Equipment Licensing
- (18) GPG 8715.1, Processing of NASA Safety Reporting System (NSRS) Incident Reports

Copies of the current issuances may be obtained at http://gdms.gsfc.nasa.gov/gdms/plsql/menu_guest or from the Contracting Officer. The above list may be modified by the Contracting Officer to include additional issuances pertaining to the conduct of personnel and the operation of the facility.

(c) The Contractor may not use official Government mail (indicia or "eagle" mail). Contractors found in violation could be liable for a fine of \$300 per piece of indicia mail used. However, the Contractor is allowed to use internal GSFC mail to the extent necessary for purposes of the contract.

(End of clause)

H.5 SAFETY AND HEALTH--ADDITIONAL REQUIREMENTS (GSFC 52.223-91) (OCT 2002)

(a) Other safety and health requirements. In addition to compliance with all Federal, state, and local laws as required by paragraph (b) of NFS clause 18-52.223-70, the Contractor shall comply with the following:

Quarterly health and safety report specifying incidents, disabling injuries, lost work days incident rate, days lost, property damage cost, man-hours worked/month, and total employees. Template available at <http://safety1st.gsfc.nasa.gov> under Contractor Safety.

(b) Reporting. The immediate notification and prompt reporting required by paragraph (d) of NFS clause 1852.223-70 shall be to the to the Goddard Space Flight Center Safety and Environmental Branch, Code 205.2, Tel 301-286-2281 and to the Contracting Officer. This should be a verbal notification and confirmed by FAX or E-Mail. This notification is also required for any unsafe or environmentally hazardous condition associated with Government-owned property that is provided or made available for the performance of the contract.

(End of clause)

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H.6 EXPORT LICENSES (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 any Government installation, 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.

(End of clause)

H.7 SMALL BUSINESS SUBCONTRACTING PLAN AND REPORTS (GSFC 52.219-90) (OCT 1999)

a. Subcontracting Plan (Contractor)

FAR clause 52.219-9, "Small Business Subcontracting Plan" is included in this contract. The agreed to Subcontracting Plan required by the clause is included as an attachment to the contract.

b. Subcontracting Plan (Subcontractors)

In accordance with FAR clause 52.219-9, the Contractor must require that certain subcontractors adopt a plan similar to the Plan agreed to between the Contractor and the Government.

c. Reporting to Contracting Officer (SF 294--Semi-annual and Final)

The Contractor shall prepare and submit Standard Form 294

(Rev. 12-98), "Subcontracting Report for Individual Contracts" in accordance with the instructions on the back of the form.

The SF 294 must be submitted to the Contracting Officer on a semi-annual basis. This report must be received no later than April 30 and October 30 each year for the reporting periods ending March 31 and September 30, respectively. A final SF 294 must be submitted after contract completion. The final SF 294 submittal must be received no later than the due date for what would have been the next semi-annual report.

SECTION H
SPECIAL CONTRACT REQUIREMENTS

d. Reporting to NASA Headquarters (SF 295--Semi-annual)

The Contractor shall prepare and submit Standard Form 295 (Rev. 12-98), "Summary Subcontract Report" in accordance with the instructions on the back of the form and in accordance with NASA FAR Supplement clause 1852.219-75, "Small Business Subcontracting Reporting" of this contract.

The SF 295 must be submitted to "NASA, Office of Procurement, Code HS, Washington, D.C. 20546-0001" on an semi-annual basis no later than April 30 and October 30 each year for the reporting periods ending March 31 and September 30, respectively.

e. Subcontractor Reporting

FAR clause 52.219-9 and NASA FAR Supplement clause 1852.219-75 require that the Contractor ensure that SF 294 and SF 295 reports are submitted by those subcontractors that have been required to adopt a Subcontracting Plan under the terms of the clause. These subcontractor reports must be submitted as required by paragraphs (c) and (d) above. The reports may be submitted through the Contractor or submitted directly. Regardless, the Contractor is responsible for ensuring proper and timely submittal of the required reports.

(End of clause)

SECTION I CONTRACT CLAUSES

Section I of the Millennium contract is applicable to this task order in addition to the clauses indicated below:

I. 1 SECTION I CLAUSES INCORPORATED BY REFERENCE

- (1852.204-76) SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (JULY 2002) Para (c) is completed with "30 days"
- (1852.215-84) OMBUDSMAN (OCT 2003)--ALTERNATE I (JUNE 2000) The installation Ombudsman is Dorothy C. Perkins, Goddard Space Flight Center, Mailstop 100, Greenbelt, MD 20771, Business Phone: 301 286-5066, Fax 301 286-1714, E-mail address: [Dorothy C. Perkins@nasa.gov](mailto:Dorothy.C.Perkins@nasa.gov)
- (1852.216-89) ASSIGNMENT AND RELEASE FORMS (JUL 1997)
- (1852.219-75) SMALL BUSINESS SUBCONTRACTING REPORTING (MAY 1999)
- (1852.219-77) NASA MENTOR-PROTÉGÉ PROGRAM (1852.219-77) (MAY 1999)
- (1852.223-74) DRUG-AND ALCOHOL-FREE WORKPLACE (MAR 1996)
- (1852.243-71) SHARED SAVINGS (MAR 1997)

(End of By Reference Section)

I.2 SECURITY CLASSIFICATION REQUIREMENTS (1852.204-75) (SEPTEMBER 1989)

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of [insert the applicable security clearance level]. See Federal Acquisition Regulation clause 52.204-2 in this contract and DD Form 254, Contract Security Classification Specification, Attachment F.

(End of clause)

I.3 NASA 8 PERCENT GOAL (1852.219-76) (JUL 1997)

(a) Definitions.

“Historically Black Colleges or University”, as used in this clause means an institution determined by the Secretary of Education to meet the requirements of 34 CFR Section 608.2. The term also includes any nonprofit research institution that was an integral part of such a college or university before November 14, 1986.

“Minority institutions”, as used in this clause, means an institution of higher education meeting the requirements of section 1046(3) of the Higher Education Act of 1965 (20 U.S.C. 1135d-5(3)) which for the purposes of this clause includes a Hispanic-serving institution of higher education as defined in section 316(b)(1) of the Act (20 U.S.C. 1059c(b)(1)).

SECTION I CONTRACT CLAUSES

“Small disadvantaged business concern”, as used in this clause, means a small business concern that (1) is at least 51 percent unconditionally owned by one or more individuals who are both socially and economically disadvantaged, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one or more socially and economically disadvantaged individuals, and (2) has its management and daily business controlled by one or more such individuals. This term also means a small business concern that is at least 51 percent unconditionally owned by an economically disadvantaged Indian tribe or Native Hawaiian Organization, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one or more of these entities, which has its management and daily business controlled by members of an economically disadvantaged Indian tribe or Native Hawaiian Organization, and which meets the requirements of 13 CFR 124.

“Women-owned small business concern”, as used in this clause, means a small business concern (1) which is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women, and (2) whose management and daily business operations are controlled by one or more women.

(b) The NASA Administrator is required by statute to establish annually a goal to make available to small disadvantaged business concerns, Historically Black Colleges and Universities, minority institutions, and women-owned small business concerns, at least 8 percent of NASA's procurement dollars under prime contracts or subcontracts awarded in support of authorized programs, including the space station by the time operational status is obtained.

(c) The contractor hereby agrees to assist NASA in achieving this goal by using its best efforts to award subcontracts to such entities to the fullest extent consistent with efficient contract performance.

(d) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as small disadvantaged business concerns, Historically Black Colleges and Universities, minority institutions, and women-owned small business concerns.

(End of clause)

I.4 MINIMUM INSURANCE COVERAGE (1852.228-75) (OCT 1988)

The Contractor shall obtain and maintain insurance coverage as follows for the performance of this contract:

(a) Worker's compensation and employer's liability insurance as required by applicable Federal and state workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with the Contractor's commercial operations that it would not be practical. The employer's liability coverage shall be at least \$100,000, except in States with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

SECTION I
CONTRACT CLAUSES

(b) Comprehensive general (bodily injury) liability insurance of at least \$500,000 per occurrence.

(c) Motor vehicle liability insurance written on the comprehensive form of policy which provides for bodily injury and property damage liability covering the operation of all motor vehicles used in connection with performing the contract. Policies covering motor vehicles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury liability and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

(d) Comprehensive general and motor vehicle liability policies shall contain a provision worded as follows:

"The insurance company waives any right of subrogation against the United States of America which may arise by reason of any payment under the policy."

(e) When aircraft are used in connection with performing the contract, aircraft public and passenger liability insurance of at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.

(End of clause)

I.5 EMERGENCY EVACUATION PROCEDURES (1852.237-70) (DEC 1988)

The Contractor shall assure that its personnel at Government facilities are familiar with the functions of the Government's emergency evacuation procedures. If requested by the Contracting Officer, the Contractor shall designate an individual or individuals as contact points to provide for efficient and rapid evacuation of the facility if and when required.

(End of clause)

SECTION J
LIST OF ATTACHMENTS

Section J of the Millennia contract is applicable to this task order, in addition to the following:

J.1 LIST OF ATTACHMENTS (GSFC 52.211-101) (OCT 1988)

The following attachments constitute part of this contract:

<u>Attachment</u>	<u>Description</u>	<u>Date</u>	<u>No. of Pages</u>
A	Statement of Work	May 24, 2006	7
B	Financial Management Reporting Requirements	June 2006	2
C	Small Business Subcontracting Plan	July 10, 2006	11
D	Safety and Health Plan	July 10, 2006	14
E	Information Technology Security Plan	Due 15 days after task order award	
F	DD Form 254, Contract Security Classification Specification	July 27, 2006	2
G	Installation Accountable Government Property	July 2006	2
H	Loaded Labor Rates	July 2006	1

(End of clause)

Attachment A

Statement of Work

NETWORK ENGINEERING SERVICES
Statement of Work
May 24, 2006

STATEMENT OF WORK

The Contractor shall provide technical support services to Goddard Space Flight Center (GSFC), Information Technology and Communications Directorate (ITCD), Code 700 as follows.

These requirements support the mission network managed by GSFC including: sustaining engineering of network components, network security engineering, and network facility engineering. The SOW requirements also focus on the application and customization of emerging technologies to meet current and future networking requirements, and the necessary integration required to deploy new technologies into the existing environment.

A. OVERALL NETWORK ENGINEERING

The Contractor shall provide engineering services for the GSFC Internet Protocol Operational Network (IONet). The engineering support shall provide risk mitigation solutions to GSFC communication needs. Overall engineering support for the operational IONet includes support in the areas of network design and facility readiness as described below.

A.1 Engineering Design Services

The Contractor shall perform local network engineering including connection of Wide Area Network (WAN) interfaces to Local Area Networks (LANs). Network engineering design services shall include the preparation of requirements analyses and a prototyping strategy for implementing the requirements; development of network architecture(s) and design; network modeling; procedures and test plans; site preparation; installation; integration and testing for deployment; and preparing as-built documentation for all implemented requirements. To perform engineering design activities, the Contractor shall monitor technology developments and support work processes, including LAN administration in the NASA Communications Internetworking Laboratory Environment (NILE Lab). The Contractor shall prepare quarterly reports providing evaluations of network technology product suitable for integration into the IONet. Engineering Design requirements are further described below.

- The Contractor shall define network requirements including: circuit requirements, matrix switch requirements, operator console requirements, and test equipment requirements.
- The Contractor shall provide engineering and design services related to the continued replacement of the legacy NASA Communications (NASCOM) 4800 bit block or the IONet with Internet Protocol (IP) and IP multicast technologies.
- The Contractor shall perform prototyping, testing and implementation of multi-media information services (including video teleconferencing, voice distribution, data multicasting, real-time data delivery, security implementation, and network automation) across high bandwidth technologies.

A.2 Network Facility Readiness Engineering Services

The Contractor shall provide Network Related Facility Engineering Services by designing and implementing facility modifications to ensure the facility that houses network components is ready to support uninterrupted network operations. Network Facility Readiness requirements are further described below.

- The Contractor shall support the design effort for a new Technical Control Facility that minimizes operator positions and still provides operations personnel the ability to perform diagnostic testing of the network in a timely manner.
- The Contractor shall provide engineering support including cabling, racks, etc. for relocating the NASCOM Technical Control Facility from Building 14, room E171, to Building 14, room S181, and establish a backup Network Operations Center.
- The Contractor shall install AC power and connect signal reference ground to equipment racks in Building 14, room S181, and performing engineering tests on the relocated/new equipment and circuits in Building 14, room S181.
- The Contractor shall provide, install and maintain necessary cabling to extend communications circuits from the carrier demarcations to voice control in building 3/14.
- The Contractor shall provide, install and maintain cross connections between AT&T-provided resources in Building 3, room N37, and remove AT&T cabling and equipment from 4-wire rooms throughout GSFC.
- The Contractor shall install and/or remove cable and equipment in 2-wire telephone closets throughout GSFC and install and maintain line treatment equipment.

For all Network Related Facility Engineering Services, the Contractor shall develop documentation, Engineering Changes (ECs), system block diagrams, floor layouts, and equipment utilization diagrams. The Contractor shall update block diagrams, floor layouts and equipment utilization diagrams monthly. For all facility modifications, and/or equipment moves, the Contractor shall perform the following:

- Coordinate facility modifications with the necessary Government entities.
- Provide the necessary materials and racks.
- Schedule moves, relocations, and installations with operations personnel.

A.3 Technical Control and Data Switching Services

The Contractor shall provide life cycle mission operational support for the technical management circuits and data switching services for the ITCD in support of NASA missions and projects. This service is provided in conjunction with the NASCOM IONet, the NASCOM Internet Protocol Network Operations Center (IPNOC), and controlled from the NASCOM Operations Management Center (NOMC) located at GSFC. The Contractor shall install, switch, configure, troubleshoot, distribute, and restore mission data communications services for missions and projects at GSFC. The Contractor shall staff the NASCOM Technical Control Facility and the Data Switching Facility 24 hours a day, 7 days a week, and during day-to-day, mission critical, and special support. The Contractor shall perform the following day-to-day functions:

- The Contractor shall manage local mission data services terminated in the Technical Control Facility, including the operation, maintenance, and sustaining engineering of the Digital Matrix Switch (DMS).
- The Contractor shall configure high-speed, wideband, and video transport systems to meet specific mission requirements.
- The Contractor shall provide real-time fault isolation and restoration of failed services and act as the primary point-of-contact to providers of telecommunications services (common carriers).
- The Contractor shall monitor circuits to detect degradation of circuits and service.
- The Contractor shall install, test, and repair tail circuits associated with common carrier circuits in order to complete the installation of mission services at GSFC.
- The Contractor shall report within 24 hours all anomalies and the results of all subsequent restorals to the NASCOM Shift Communications Manager (Comm Manager).
- The Contractor shall interface and coordinate with the IPNOC and other areas of the NOMC, as required, to provide and restore service.
- The Contractor shall log all operations, testing, and restoral activities and have all logs available to the ITCD Operations Manager upon request.

B. IT SECURITY

IT Security requirements include security compliance, security technology, and security awareness. The Contractor shall update all security documentation including policies and procedures semi-annually or upon request. The Contractor shall also prepare Security Audit Reports quarterly or upon request, which identify all requests for network connections, audits, waivers, expounds, and other related security items that occurred during the quarter. **All security personnel providing services under this section of the SOW, shall possess and maintain SECRET security clearances.** IT Security requirements are further described below.

B.1 Security Compliance Services

The Contractor shall monitor compliance of the network with applicable government regulations and ITCD Access Control Policies. Network security compliance monitoring shall include:

- **Security Compliance Audits of All IT Projects.** The Contractor shall conduct security compliance audits of NASA programs, conducted at various NASA or Contractor facilities that are connected to the IONet. The audits shall compare the conduct of the IT project connected to the NASA mission network against applicable government regulations and ITCD Access Control Policies.
- **Monitor Requests for Connections to the NASA Mission Network.** The Contractor shall monitor requests for connection to the NASA mission network to determine when audits are required.
- **Maintain Audit Results Database.** The Contractor shall maintain the databases containing the results of audits and waivers. The Contractor shall use the databases to determine when installations require periodic re-audit.
- **Maintain Network Connection Information.** The Contractor shall obtain all information pertaining to connections to the network from customer project personnel. The Contractor

shall verify the connection and related security information. Information pertaining to network connections shall include network diagrams and audit checklists.

- **Approve Network Connection Requests.** The Contractor shall write reports with recommendations to approve/disapprove connection requests. The approval of network connection requests may result in sensitive issues. Connection requestors will be from various projects, sites and GSFC Contractors. The Contractor shall interface with the connection requestor and solicit government participation as needed for negotiations and waiver determinations.

B.2 Security Technology Services

The Contractor shall monitor technology developments of security hardware and software, and conduct analyses, to identify technologies appropriate for the IONet and deploy security enhancements as required. The Contractor shall prepare monthly reports documenting security technologies evaluated during the month and their appropriateness within the GSFC environment. Additional activities required for Security Technology include:

- **Security Alternative Analyses.** The Contractor shall perform analyses to identify areas where alternative security technologies are required. These analyses include the performing of risk analyses for ITCD systems and the performing of rules analyses and audits for NASCOM Secure Gateway.
- **Risk Analyses.** The Contractor shall perform security risk analyses for ITCD systems.
- **NASCOM Secure Gateway.** The Contractor shall perform rules analyses and audits for the NASCOM Secure Gateway.
- **Maintain Test-bed Facility.** To support the evaluation of additional security technologies, the Contractor shall maintain and staff the security test-bed facility at GSFC.
- **Deploy CCTV.** The Contractor shall support the deployment the Closed Circuit TV (CCTV) system for enhancing facility security.

C. NETWORK FACILITY ENGINEERING

ITCD Network Facility Engineering includes: engineering of the air conditioning (A/C) and power required for uninterrupted network operations, property management of ITCD components of the operational network, and configuration management to support ITCD. The Contractor shall develop and maintain floor plans of the facility. The requirements for ITCD facility engineering are further described below.

C.1 A/C Power Engineering

The Contractor shall optimize and maintain the electrical power configurations within the ITCD facilities at GSFC to ensure efficient, uninterrupted network operations. The Contractor shall prepare semi-annual reports documenting the network power configurations. The Contractor shall, at a minimum, perform the following A/C Power engineering activities:

- **Oversee Power Distribution System.** The Contractor shall monitor and evaluate the power distribution system within the ITCD facilities.

- **Rebalance Electrical Loads.** The Contractor shall identify all actions required for rebalancing electrical loads among power panels to improve overall power distribution and efficiency. Primary emphasis shall be placed on: (1) unmet requirements for Uninterruptible Power Supply (UPS) support and (2) installed UPS capabilities supporting critical functions.
- **Manage Power Allocations.** The Contractor shall ensure that the allocations of UPS and emergency back-up power to Heating, Ventilation and Air Conditioning (HVAC) equipment is sufficient for continuation of critical operations during extended commercial power outages. When managing power allocations, the Contractor shall consider the impact of power requirements associated with known modifications and enhancements to ITCD facilities.
- **Maintain Power Panel Schedules.** The Contractor shall prepare and maintain power panel schedules. The Contractor shall determine alterations in power distribution required to support changes within the NASCOM Operation area. This includes the evaluation of equipment rack requirements. Any actual installation of power related items such as cables and breakers is restricted to the equipment side of low voltage 120V/208V power panels.
- **Maintain Power and Ground Cabling.** The Contractor shall provide and install power and ground feeds for new equipment and existing systems. The Contractor shall remove power cabling that is no longer required. These efforts will be communicated by orders to commercial providers (Communication Service Requests) or Engineer Changes.

C.2 Property Management

The Contractor shall provide the following property management services:

- Provide control and surveillance of all ITCD property;
- Ensure compliance to all regulations;
- Report on assets;
- Maintain property control records;
- Excess unneeded equipment;
- Automate the physical inventory of equipment; and
- Assign sensitive items to primary users.

The Contractor shall prepare monthly reports containing survey of all property and user accounts documenting all property and services provided to each user.

C.3 Configuration Management

The Contractor shall provide services to the ITCD Directives Manager in the review, approval, and publication of Procedures and Guidelines (PG's) and Work Instructions (WI's); maintaining files and records of directive management activities; controlling the assignment of document numbers; and monitoring documents for adherence to data standards.

The Contractor's Configuration Management services shall be in accordance with ISO 9001. The Contractor shall prepare a monthly Configuration Report document summarizing configuration changes for the month. Configuration Management requirements include:

- **Preparing Configuration Management Documentation.** The Contractor shall prepare documentation containing Configuration Management plans and procedures as required.
- **Managing and Tracking the Operating Network Baseline.** The Contractor shall identify the engineering and operational baseline of the IONet. The Contractor shall also control and track, document, and report all hardware, and software changes to the ITCD engineering and operational baselines. The Contractor shall update all hand property receipts annually.
- **Configuration Control Board (CCB) Activities.** The Contractor shall support the ITCD Configuration Control Board (CCB). The Contractor shall review and document activities of the ITCD CCB. The Contractor shall maintain files and records of all CCB actions and correspondence, document agendas and minutes, maintain status accounting records, follow-up on CCB decisions, and track deliverables.

D. PROGRAM MANAGMENT AND REPORTING

The Contractor shall coordinate efforts with the ITCD Task Monitors, on a daily or weekly basis as required. The Contractor shall provide the following monthly reports: NASA Forms 533M (Monthly Contractor Financial Management Report), and monthly Task Order Status Report. Costs will be reported by WBS elements reflected in this Statement of Work.

The monthly Task Order Status Report shall document all work performed during the reporting period, all problems encountered, identify all potential problems, expected work to be performed during the next reporting period, resources consumed, expected resources shortfalls, funding issues.

The monthly Documentation Status Report may also be included in the monthly Task Order status report. The Documentation Status Report shall identify which documents have been updated during the reporting period, and which documents are planned for update during the next reporting period.

The Contractor shall also provide ad hoc reports to the Government that support the overall Task Order not specified in this SOW. The Contractor shall also prepare trip reports for all long distance travel. Ad hoc reporting shall be in the form of formal briefings, letters of findings, white papers, or reports.

End of Statement of Work

TASK ORDER SCHEDULE AND MILESTONE DATES

The following schedule of milestones in Table 1, Contractor's Delivery Schedule, will be used to monitor timely progress on this Task Order. In this schedule, PS designates Project Start. This schedule is required to meet mission objectives. Variances to this schedule will be reviewed and may or may not be acceptable.

(Monthly reports are due on or before the end of the month for the prior month report. Monthly 533 reports are due on the 15 of the month for the prior month.) .

Item	Deliverable	Reference	Schedule
1	Network Technology Product Evaluation Reports	A.1	As Required
2	Quarterly Reports – Network Technology for IONet	A.1	As Required
3	Updated Block Diagrams, Floor Layouts, Equipment Utilization Diagrams	A.2	As Required
4	Security Product Evaluation Reports	B	As Required
5	Security Audit Report	B	As Required
6	Security Documentation Updates	B	As Required
7	Security Compliance Audits	B.1	As Required
8	Network Connection Reports	B.1	As Required
9	Monthly Technologies Development Analysis	B.2	As Required
10	Security Alternative Analyses	B.2	As Required
11	Security Risk Analysis	B.2	As Required
12	Rules Analysis and Audit	B.2	As Required
13	Semi-Annual Network Power Configuration Reports	C.1	As Required
14	Monthly Property Management Report	C.2	As Required
15	Monthly Configuration Report	C.3	As Required
16	Annual Hard Property Receipts	C.3	As Required
171	NASA Form 533M (Monthly Contractor Financial Management Report)	D	As Required
18	Monthly Task Order Status Report	D	As Required
19	Monthly Documentation Status Report	D	As Required
20	Trip Reports	D	As Required

Table 1. Contractor's Delivery Schedule

Attachment B

Financial Management Reporting Requirements

Financial Management Reporting Requirements
Dated June 2006

General

Financial Management Reports shall be submitted by the Contractor on the NASA 533 series reports, in accordance with the instructions on the reverse of the forms, NASA Procedural Requirements NPR 9501.2D entitled "NASA Contractor Financial Management Reporting, dated May 23, 2004, and additional instructions issued by the Contracting Officer.

a. Level of Detail

An individual 533 Report shall be provided for the total task order costs. The reports shall contain a breakdown of each service area by element of cost, i.e., direct labor hours/dollars, overhead, general & administrative (G&A), travel, equipment, material, and other direct costs.

b. Distribution

The Contractor shall distribute 533 reports to each addressee indicated in the Basic Contract Clause G.1 "Financial Management Reporting." These reports shall be distributed not later than the fifteenth (15th) calendar day following the month being reported.

c. Reporting Requirements

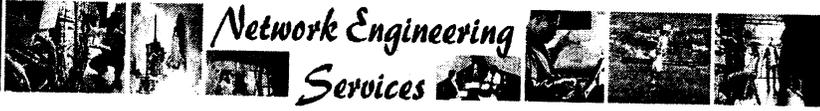
Each report sheet shall provide costs data for reporting categories presented below:

1. Direct Labor Hours
 Prime Contractor Labor Hours
2. Direct Labor Dollars
 Prime Contractor Labor Dollars
3. Overhead Expense (Including Fringes)
4. Other Direct Costs
 Travel
 Materials
 Subcontract Costs
 Miscellaneous ODC's

5. Subtotal (Direct Cost plus Overhead)
6. G&A Expense
7. Total Cost
8. Fixed Fee
9. Total Cost-Plus-Fixed-Fee (CPFF)

Attachment C

Small Business Subcontracting Plan



Company Name: COMPUTER SCIENCES CORPORATION, FEDERAL SECTOR

Address: 7700 Hubble Drive, Lanham MD 20706

Date Prepared: July 10, 2006 Solicitation/Contract Number: RFTO NG06151297R

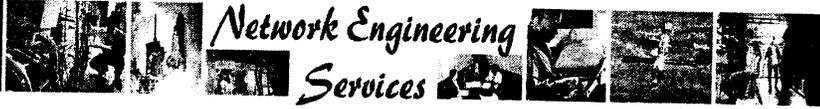
Item/Service: Network Engineering Services

Wanda M. Fells

Contract Administrator

July 10, 2006

Date



1. TYPE OF PLAN

This is an Individual Plan where all elements are developed specifically for this contract and are applicable for the full term of this contract.

2. GOALS

The goals reflected below are shown both as a percentage of all planned subcontracting, as well as a percentage of the contract value. In accordance with FAR 19.704, for reporting purposes, the percentage of all planned subcontracting will be shown (consistent with instructions on the report).

A. Estimated dollar value of all planned subcontracting, i.e., to all types of business concerns under this contract is:

ESTIMATED DOLLAR VALUE OF ALL PLANNED SUBCONTRACTING				
10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
\$3,075,211	\$	\$	\$	\$
43.98%	%	%	%	%

B. Estimated dollar value and percentage of subcontracting with large businesses (all business concerns classified as other than small) is:

SUBCONTRACTING TO LARGE BUSINESS CONCERNS					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
	\$3,075,211	\$	\$	\$	\$
% of All Subcontracting	100%	%	%	%	%
% of Contract Value	43.98%	%	%	%	%

C. Estimated dollar value and percentage of subcontracting to small business concerns is: (Includes Small Disadvantaged, Women-owned Small Business Concerns, HUBZone Small Business Concerns, and Veteran Owned and Service Disabled Veteran Owned Small Business Concerns)

SUBCONTRACTING TO SMALL BUSINESS CONCERNS (SB)					
% Based on	10 Months 08/01/06 - 06/30/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
	\$0.00	\$	\$	\$	\$
% of All Subcontracting	0%	%	%	%	%
% of Contract Value	0%	%	%	%	%
RFP Required Percentage	3%				



C.1. Estimated dollar value and percentage of subcontracting to small disadvantaged business (SDB) concerns is:

SUBCONTRACTING TO SMALL DISADVANTAGED BUSINESS CONCERNS (SB)					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
	\$0.00	\$	\$	\$	\$
% of All Subcontracting	0%	%	%	%	%
% of Contract Value	0%	%	%	%	%
RFP Required Percentage	15%				

C.2. Estimated dollar value and percentage of subcontracting to women-owned small business (WOSB) concerns is:

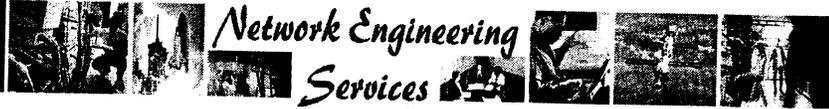
SUBCONTRACTING TO WOMEN-OWNED SMALL BUSINESS CONCERNS (WOSB)					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
	\$	\$	\$	\$	\$
% of All Subcontracting	%	%	%	%	%
% of Contract Value	%	%	%	%	%
RFP Required Percentage	10%				

C.3. Estimated dollar value and percentage of subcontracting to Historically Underutilized Business Zones small business (HUBZ) concerns is:

SUBCONTRACTING TO HUBZone SMALL BUSINESSES					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
	\$0.00	\$	\$	\$	\$
% of All Subcontracting	0%	%	%	%	%
% of Contract Value	0%	%	%	%	%
RFP Required Percentage	3%				

C.4. Estimated dollar value and percentage of subcontracting to Veteran Owned Small Business (VOSB) concerns (includes Service Disabled Veteran Owned Small Businesses (SDVOSB) is:

SUBCONTRACTING TO VETERAN OWNED SMALL BUSINESS CONCERNS (VOSB)					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4 TH OPTION N/A
	\$0.00	\$	\$	\$	\$
% of All Subcontracting	0%	%	%	%	%
% of Contract Value	0%	%	%	%	%
RFP Required Percentage	3%				



C.4.a. Estimated dollar value and percentage of subcontracting to Service Disabled Veteran Owned Small Businesses (SDVOSB) is:

SUBCONTRACTING TO SERVICE DISABLED VETERAN OWNED SMALL BUSINESS CONCERNS (SDVOSB)					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4TH OPTION N/A
	\$0.00	\$	\$	\$	\$
% of All Subcontracting	0%	%	%	%	%
% of Contract Value	0%	%	%	%	%
RFP Required Percentage	0.5%				

C.5. Estimated dollar value and percentage of subcontracting to historically black colleges and universities (HBCU) concerns is:

SUBCONTRACTING TO HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU)					
% Based on	10 Months 07/28/06 - 05/31/07	1ST OPTION N/A	2ND OPTION N/A	3RD OPTION N/A	4TH OPTION N/A
	\$0.00	\$	\$	\$	\$
% of All Subcontracting	0%	%	%	%	%
% of Contract Value	0%	%	%	%	%
RFP Required Percentage	0.5%				

Attachment D

Safety and Health Plan

Network Engineering Services

Safety and Health Plan

Prepared for:

**NASA Goddard Space Flight Center
Greenbelt, Maryland**

In response to

RFTO-NNG06151297R

Submitted by:

**Computer Sciences Corporation
Federal Sector – Civil Group
7700 Hubble Drive
Lanham, MD 20706**

July 10, 2006



Computer Sciences Corporation
Civil Group



The information (data) contained in all pages of this proposal or quotation constitutes a trade secret and/or information that is commercial or financial and confidential or privileged. It is furnished to the Government in confidence with the understanding that it will not, without permission of the offeror, be used or disclosed for other than evaluation purposes; PROVIDED, however, that in the event a contract is awarded on the basis of this proposal or quotation the Government shall have the right to use and disclose this information (data) to the extent provided in the contract. This restriction does not limit the Government's right to use or disclose this information (data) if obtained from another source without restriction.



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PRINTED ON THE REVERSE OF THE TITLE PAGE OF THIS PROPOSAL

Network Engineering Services

Safety and Health Plan

June 2006

TOR: NNG06151297R

Prepared by:

Project Manager Date

Approved by:

Jerome Teles Date
GSFC Programs Manager

K. C. Leung Date
Science and Weather Services Manager

Revision Record

Revision No.	Date	Originator	Description	Approved
New	6/09/2006		Baseline Ver.	

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Preface

This document is being submitted to satisfy the NASA/GSFC Safety Policy requiring all contracts supporting on-site contractor personnel to submit a Safety and Health Plan addressing the objectives and procedures designed to protect personnel, property, and equipment at the on-site location. CSC is committed to creating an environment that eliminates the potential for injury to all its employees. This plan establishes the methods to ensure the success of these goals. This plan is in response to TOR- NNG06151297R /GSFC FAR clause 52.223-91 Safety and Health (Oct 2002). Its provisions apply to all NES contract personnel.

Attachment E

**[Reserved for Information
Technology Plan]**

Attachment F

**DD Form 254, Contract Security
Classification Specification**

DEPARTMENT OF DEFENSE

CONTRACT SECURITY CLASSIFICATION SPECIFICATION

(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)

CLEARANCE AND SAFEGUARDING

a. FACILITY CLEARANCE REQUIRED

SECRET

b. LEVEL OF SAFEGUARDING REQUIRED

NONE

2. THIS SPECIFICATION IS FOR: (x and complete as applicable)

<input checked="" type="checkbox"/>	a. PRIME CONTRACT NUMBER NNG06AZ11D
<input type="checkbox"/>	b. SUBCONTRACT NUMBER
<input type="checkbox"/>	c. SOLICITATION OR OTHER NUMBER
	DUE DATE (YYMMDD)

3. THIS SPECIFICATION IS: (x and complete as applicable)

<input checked="" type="checkbox"/>	a. ORIGINAL (Complete date in all cases)	DATE (YYMMDD) 06/07/26
<input type="checkbox"/>	b. REVISED (Supersedes all previous specs)	Revision No. DATE (YYMMDD)
<input type="checkbox"/>	c. FINAL (Complete Item 5 in all cases)	DATE (YYMMDD)

4. THIS IS A FOLLOW-ON CONTRACT? YES NO. If Yes, complete the following:

Classified material received or generated under _____ (Preceding Contract Number) is transferred to this follow-on contract.

5. IS THIS A FINAL DD FORM 254? YES NO. If Yes, complete the following:

In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____

6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)

a. NAME, ADDRESS, AND ZIP CODE Computer Sciences Corporation 7700 Hubble Drive Lanham, Maryland 20706	b. CAGE CODE 6A051	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) Defense Security Service 938 Elkridge Landing Road Linthicum, Maryland 21090
--	-----------------------	--

7. SUBCONTRACTOR

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip code)
--------------------------------	--------------	--

8. ACTUAL PERFORMANCE

a. LOCATION Goddard Space Flight Center Greenbelt, MD 20771	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
---	--------------	--

9. GENERAL IDENTIFICATION OF THIS PROCUREMENT

Network Engineering Services

10. THIS CONTRACT WILL REQUIRE ACCESS TO:

	YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. RESTRICTED DATA	<input type="checkbox"/>	<input type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. FORMERLY RESTRICTED DATA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. INTELLIGENCE INFORMATION:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(1) Sensitive Compartmented Information (SCI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(2) Non-SCI	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. SPECIAL ACCESS INFORMATION	<input type="checkbox"/>	<input type="checkbox"/>
g. NATO INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
k. OTHER (Specify)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:

	YES	NO
a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. RECEIVE CLASSIFIED DOCUMENTS ONLY	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. PERFORM SERVICES ONLY	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h. REQUIRE A COMSEC ACCOUNT	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. HAVE TEMPEST REQUIREMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
l. OTHER (Specify)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Attachment G

Installation-Accountable Government Property

LJ Identifier	Official Name	Manufacturer	Model	Serial Number	Asset Value	Bldg	Room	Shelf	Acq Doc.	Previous Tag	Client Tag
1	1-000389 MULTIMETER, FLUKE	FLUKE NETWORKS	8021B	3390222	159	375	S625		GA503102801	C0054831	647217
2	1-006507 MULTIMETER, FLUKE	FLUKE NETWORKS	8021B	3365458	159	375	S625		GA503102801	C0054885	647276
3	1-008110 UPS	APC - AMERICAN POWER CONVERSION	1200VX	W910400720	776	375	S731		A0010-017	NONE	
4	1-010462 MODEM, PRAC	PRAC	PM9600FXMT	J31108A2702	289	375	S730		A0010-017	NONE	
5	1-010463 MODEM, PRAC	PRAC	PM9600FXMT	31108A2710	289	375	S730		A0010-017	NONE	
6	1-010464 MODEM, PRAC	PRAC	PM9600FXMT	J31108A2668	289	375	S730		A0010-017	NONE	
7	1-010969 HUB, CAMEO	CAMEO	AH-1000-00	3869000076	398	375	S731		GA503102801	NONE	
8	1-011505 UPS	APC - AMERICAN POWER CONVERSION	AP1250	594021847660	614	375	S731		A0010-017	1993 C0122188	
9	1-011977 HUB, DAVID SYSTEMS	DAVID SYSTEMS, INC.	6354-00	0500106052	379	375	S762	FILE CABINET	A0010-017		
10	1-011989 SOUND UNIT, LABTEC	LABTEC	CS1000	1000000771	150	375	S731		A0010-017		
11	1-011990 SYSTEM UNIT, TAG	TECHNOLOGY ADVANCEMENT GROUP, INC.	PCI90		9120	375	S731		A0010-017		
12	1-012525 HUB, ATELE	ALLIED TELESYS, INC.	AT-MR820TR	GOKP525B	175	375	S763		A0010-017		
13	1-012669 PRINTER, HP	HP - HEWLETT PACKARD	C2011A	USHB712809	3929	595	GFP	GFPD3	A0010-017	NONE	
14	1-012728 SYSTEM UNIT, DELL	DELL	MMS	5C5MN	2921	375	S731		A0010-017		
15	1-012729 MONITOR	CTX	1785GMD	A10-52502368	150	375	S731		A0010-017	NONE	
16	1-012730 SPEAKER, ALTEC LANSING	ALTEC	ACS5	40359357(A)	25	595	GFP	GFPD3	A0010-017	NONE	
17	1-012731 SPEAKER, ALTEC LANSING	ALTEC	ACS5	40359357(B)	25	595	GFP	GFPD3	A0010-017	NONE	
18	1-012876 PRINTER, HP	HP - HEWLETT PACKARD	5SI1MX	USBC019113	3618	375	N490		A0010-017		
19	1-012940 CASSETTE, PAPER, HP	HP - HEWLETT PACKARD	C3763A	SLCF04446	795	375	N490		A0010-017		
20	1-013053 LAPTOP	TOSHIBA CORPORATION	PA1123UT9W	04648629	3659	375	S758		A0010-017		
21	1-015942 DRIVE, TAPE, SUN	SUN MICROSYSTEMS, INC.	X822AST	421G652	1115	375	S731		A0010-017	1412939	
22	1-015943 DRIVE CD, MICRONET	MICRONET	411X559AAS	322U2183	671	375	S731		A0010-017	1335284	
23	1-015945 SYSTEM UNIT, MNET	MICRONET		41 310M1976	18012	375	S731		A0010-017	1335277	
24	1-016000 MONITOR	CTX	VL510	1A6-04101070	160	595	GFPE3		107-010906		
25	1-016614 HUB	3COM	3C16670A	7WVR074523	415	375	S731		A0010-017		
26	1-016615 HUB	3COM	3C16670A	7WVR074534	415	375	S758		A0010-017		
27	1-016681 TRANSCEIVER	3COM	3C81542	0100NP3A000096	2595	375	S853		A0010-017		
28	1-016682 LANMETER, FLUKE	FLUKE NETWORKS		682 8605206	8495	375	S768		A0010-017		
29	1-016683 HUB	3COM	3C16900A	7WKR051119	2228	375	S730		A0010-017		
30	1-016684 HUB	3COM	3C16900A	7WKR051124	2228	375	S730		A0010-017		
31	1-016923 PRINTER, HP	HP - HEWLETT PACKARD	PA1123UT9W	4 USTC040958	1339	375	S758		A0010-017	1814482	
32	1-017434 LAPTOP	TOSHIBA CORPORATION		03641703	3659	375	S758		A0010-017		
33	1-017801 DRIVE, TAPE	ADDTVONICS	AEMCDK	9523552187	240	375	S776		107-010904		
34	1-017802 TOOL, CRIMPING, AMP	AMP		2308801 H-0109	1597	375	S625		P597957SSD	NONE	
35	1-017826 DRIVE, TAPE, SUN	SUN MICROSYSTEMS, INC.	X822AST	421G2647	1150	595	GFPE3		195259/GA101018	1412940	
36	1-017835 DRIVE, HARD, SUN	SUN MICROSYSTEMS, INC.	X545AST	324U3053	1538	595	GFPE3		195259/GA101018	1335286	
37	1-017837 DRIVE, TAPE, SUN	SUN MICROSYSTEMS, INC.	X822AST	421G2443	1150	595	GFPE3		195259/GA101018	1414462	
38	1-017840 COMPUTER	3COM	NBIJ3C6001	1GBO6706	4018	595	GFPE3		195259/GA101018	1414461	
39	1-017844 MONITOR	SUN MICROSYSTEMS, INC.	GDM-20D10	9531FC4284	100	375	S731		A0205-034	1-015944	
40	1-017853 MONITOR	SUN MICROSYSTEMS, INC.	GDM-20E20	9523FC3554	150	375	S731		195259/GA101018		
41	1-017854 SYSTEM UNIT, SUN	SUN MICROSYSTEMS, INC.	S20T01N613	937FOE23	15156	375	S731		195259/GA101018	1814468	
42	1-017855 MONITOR	SUN MICROSYSTEMS, INC.	GDM-20E20	9523FC3551	150	375	S731		195259/GA101018	1814461	
43	1-017856 SYSTEM UNIT, SUN	SUN MICROSYSTEMS, INC.	S20T01N613	538F19BB	12861	375	S731		195259/GA101018	1814462	
44	1-017857 MONITOR	SUN MICROSYSTEMS, INC.	GDM-20E20	952FC3553	150	375	S731		195259/GA101018	1814464	
45	1-017858 PRINTER, HP	HP - HEWLETT PACKARD		4 USTB008839	1339	375	S731		195259/GA101018	1993	
46	1-017864 SYSTEM UNIT, SUN	SUN MICROSYSTEMS, INC.	S20T01N613	537FOE1C	15156	375	S731		195259/GA101018	1814465	
47	1-017865 MONITOR	SUN MICROSYSTEMS, INC.	GDM-20E20	9612G14956	700	375	S731		195259/GA101018	1750886	
48	1-017866 SYSTEM UNIT, SUN	SUN MICROSYSTEMS, INC.	ULTRA 1	625FOE94	17071	375	S731		195259/GA101018	2001	
49	1-017867 DRIVE, HARD, SUN	SUN MICROSYSTEMS, INC.		623G8552	2094	375	S731		195259/GA101018	2001	
50	1-017868 UPS	BEST POWER	FE1.4K	FE1.4K02165	1099	375	S731		195259/GA101018	1994	
51	1-017870 MONITOR	SONY	VIVITRON17	7241134	168	375	S731		195259/GS101018		1756052
52	1-017871 DRIVE, TAPE, SUN	SUN MICROSYSTEMS, INC.	X822AST	539G3237	150	375	S731		195259/GA101018		1814469
53	1-017872 UPS	BEST POWER	FE1.4K	FE4K02970	1239	375	S731		195259/GA101018		1814556

L/I Identifier	Official Name	Manufacturer	Model	Serial Number	Asset Value	Bldg	Room	Shelf	Acq Doc.	Previous Tag	Client Tag
54 1-017876	DRIVE TAPE SUN	SUN MICROSYSTEMS, INC.	X822AST	539G3249	150	375	ST31	220358	195259/GA101018	1822880	1814466
55 1-017882	MONITOR	GATEWAY COMPUTERS	VIVITRON	707046798	1150	375	ST33	220358	220358	1811674	
56 1-017883	SYSTEM UNIT	DELL	DCM	803V4	2892	375	ST33	220358	220358	1756049	
57 1-017945	SYSTEM UNIT, GATEWAY	GATEWAY COMPUTERS	BATC	0005047927	1736	375	ST31		A0304-031	1756051	
58 1-017946	MONITOR	GATEWAY COMPUTERS	VIVITRON	7241133	168	375	ST31		A0304-031		
59 1-017957	WORKBENCH	UNKNOWN	WORKBENCH	NONE	250	375	S625		GS503102802		NONE
60 1-017958	WORKBENCH	UNKNOWN	WORKBENCH		250	375	S625		GS503102802		NONE
61 1-017959	WORKBENCH	UNKNOWN	WORKBENCH		250	375	S625		GS503102802		NONE
62 1-017960	WORKBENCH	UNKNOWN	WORKBENCH		250	375	S625		GS503102802		NONE
63 1-017961	WORKBENCH	UNKNOWN	WORKBENCH		250	375	S625		GS503102802		NONE
64 1-017962	TOOLBOX	N/A	NONE		100	375	S625		GS503102802		NONE
65 1-017963	TOOLBOX	N/A	NONE		200	375	S625		GS503102802		NONE
66 1-017964	SCREW BINS	UNKNOWN	SCREW BINS		175	375	S625		GA503102802		NONE
67 1-017965	CONNECTOR PRESS	3M	CONNECTOR PRESS		75	375	S625		GA503102802		NONE
68 1-017966	METER/CUT TABLE	UNKNOWN	METER/CUT TABLE		29	375	S625		GA503102802		NONE
69 1-017967	SCALE	UNKNOWN	SCALE		1585	375	S625		GA503102802		NONE
70 1-017968	CHAIR	UNKNOWN	CHAIR		105	375	S625		GA503102802		NONE
71 1-022124	COMMUNICATION UNIT	BAY NETWORKS	AF0002010	BSN00009559	5202	595	GFPE3	220387	220387	1813029	
72 1-022125	COMMUNICATION UNIT	BAY NETWORKS	AF0002010	BSN00009536	5202	595	GFPE3	220387	220387	1813031	
73 1-022126	COMMUNICATION UNIT	BAY NETWORKS	AF0002010	BSN00009560	5202	595	GFPE3	220387	220387	1813038	
74 1-022130	SWITCH, LANART	UNKNOWN	ETP8030FT	A00023830	2100	595	GFPE3	220387	220387	1812815	
75 1-022131	SWITCH, LANART	UNKNOWN	ETP8030FT	A00027440	2100	595	GFPE3	220387	220387	1812817	
76 US004564	HUB	3COM	3C16670A	7WVRV33D400	898	595	GFPE3	220285	220285	NONE	
					\$ 176,846.00						

Attachment H

Loaded Labor Rates