

# CONTRACT NNL05AA00B

## (Contract)

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

- Exhibit F – Safety and Health Plan
- Section B.3 (B) Schedule of Rates, Pages 3-8
- Section B.4 (A&B) Fee/Profit, Page 9

The Safety and Health Plan is replete with proprietary information. Because there are no reasonably segregable portions that are subject to release, these plans are being withheld in their entirety.

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

**SOLICITATION, OFFER AND AWARD**

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

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2. CONTRACT NO. NNL05AA00B	3. SOLICITATION NO. NNL04052504R	4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	5. DATE ISSUED	6. REQUISITION/PURCHASE NO. 4200052504
7. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199		CODE	8. ADDRESS OFFER TO (If other than Item 7) 9 A Langley Boulevard, Building 1195B, Room 105 NASA Langley Research Center Hampton, VA 23681-2199	

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

**SOLICITATION**

9. Sealed offers in original and copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in Building 1195B, 105 until **3:30** local time, on **October 12, 2004**.  
CAUTION - LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR INFORMATION CALL:	A. NAME Elaine J. Powell	B. TELEPHONE NO. (NO COLLECT CALLS) AREA CODE: 757 NUMBER: 864-2429 EXT.	C. EMAIL ADDRESS Elaine.Powell@nasa.gov
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**OFFER (Must be fully completed by offeror)**

Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

1. In compliance with the above, the undersigned agrees, if this offer is accepted within 90 calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT (See Section I, clause No. 52-232-8)	10 CALENDAR DAYS %	20 CALENDAR DAYS %	30 CALENDAR DAYS %	CALENDAR DAYS %
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14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror Acknowledges receipt of amendments to the SOLICITATION). For offerors and related documents numbered and dated:	AMENDMENT NO	DATE	AMENDMENT NO	DATE
	1	05/03/04		
	2	05/11/04		

15. NAME AND ADDRESS OF OFFEROR CAGECODE: 2U795 Facility: Science and Technology Corporation 10 Basil Sawyer Dr, Hampton, VA 23666	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print) Rink C. Wood, VP-Contracts & Acctg
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15B. TELEPHONE NO. (Include area code) (757) 766-5810	15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER <input type="checkbox"/> SUCH ADDRESS IN SCHEDULE	17. SIGNATURE 	18. OFFER DATE 10/12/04
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**AWARD (To be completed by Government)**

19. ACCEPTED AS TO ITEMS NUMBERED	20. AMOUNT NTE \$20,000,000	21. ACCOUNTING AND APPROPRIATION See Task Order NNL05AA81T
22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION <input type="checkbox"/> 10 U.S.C. 2304(c) ( ) <input type="checkbox"/> 41 U.S.C. 253(c) ( )	23. SUBMIT INVOICES TO ADDRESS SHOWN IN: (4 copies unless otherwise specified)	ITEM
24. ADMINISTERED BY (if other than Item 7) CODE	25. PAYMENT WILL BE MADE BY CODE	
26. NAME OF CONTRACTING OFFICER (Type or print) Mary Jane Yeager	27. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	28. AWARD DATE 1-28-05

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

**PART I - THE SCHEDULE**

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**SECTION B - SUPPLIES OR SERVICES AND PRICE/COSTS**

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**B.1 SUPPLIES AND/OR SERVICES TO BE FURNISHED (LaRC 52.211-90)  
(MAY 1999)**

The Contractor shall provide all resources (except as may be expressly Stated in this contract as furnished by the Government) necessary to Perform the requirements delineated in the Statement of Work (SOW) in Section C. The SOW consists of two Clins. CLIN 1 is the Electronic Fabrication Support and CLIN 2 is the Metals Fabrication Support.

**B.2 INDEFINITE DELIVERY/INDEFINITE QUANTITY CONTRACT**

Pursuant to the Federal Acquisition Regulation (FAR) Parts 16.501-2 and 16.504, this contract is defined as an indefinite quantity type. The contract provides for an indefinite quantity, within stated limits, of supplies or services to be furnished during a fixed period, with deliveries or performance to be scheduled by placing orders with the Contractor. The minimum and maximum dollar value of supplies or services to be acquired under the contract are set forth below:

Contract Minimum: The Government will purchase a minimum of \$1,000 in services under this contract.

Contract Maximum: The Government issued Task Order(s) under this contract shall not exceed a maximum of \$20,000,000 in services for the entire period of performance.

**B.3 SCHEDULE OF RATES**

**A. RATE INFORMATION**

The total cost for each task order issued shall include the number of labor hours negotiated for each task multiplied by the appropriate labor category rate indicated below. Materials, travel, and subcontracting costs may be included on individual task orders needed if in direct support of the task. The reasonableness of any material, travel, and subcontracting costs proposed will be evaluated and determined for each individual task order.

The Contractor may incur costs under this contract only in performance of task orders and task order modifications. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

**B. COST-PLUS-FIXED-FEE RATES**

The following is a list of labor categories and their associated "fully burdened" fixed hourly rates for regular time, overtime and emergency services that are applicable to the Statement of Work, Section C, and to be used for establishing the estimated value for each individual task order issued.

Note: "fully burdened" includes all applicable direct and indirect costs such as leave, fringes, management, administration, purchasing, facility expense, etc. which are a part of the Contractor's established accounting procedures. It does not include fee.

The Government will issue cost-plus-fixed-fee task orders using the labor rates and indirect rates set forth below:

**Year 1**

	Labor Category	Unit	COST -- Fully Burdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
	<b>NON-LABOR-RELATED INDIRECT RATES</b>	Unit	Rate	Application Base	
f	Material Handling Rate	\$1.00	[REDACTED]	Material/Equipment	
g	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
h	G&A Rate-Prime	\$1.00	[REDACTED]	Other direct costs	
i	G&A Rate-Sub	\$1.00	[REDACTED]	Material/travel/subcontract	

**Year 2**

	Labor Category	Unit	COST -- Fully Burdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]

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NON-LABOR-RELATED INDIRECT RATES		Unit	Rate	Application Base
f	Material Handling Rate	\$1.00	[REDACTED]	Material/ Equipment
g	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts
h	G&A Rate-Prime	\$1.00	[REDACTED]	Other direct costs
i	G&A Rate-Sub	\$1.00	[REDACTED]	Material/travel/subcontract

Year 3

	Labor Category	Unit	COST -- Fully Burdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II (WD)	Hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
NON-LABOR-RELATED INDIRECT RATES		Unit	Rate	Application Base	
f	Material Handling Rate	\$1.00	[REDACTED]	Material/ Equipment	
g	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
h	G&A Rate-Prime	\$1.00	[REDACTED]	Other direct costs	
i	G&A Rate-Sub	\$1.00	[REDACTED]	Material/travel/subcontract	

Year 4

	Labor Category	Unit	COST -- Fully Burdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
NON-LABOR-RELATED INDIRECT RATES		Unit	Rate	Application Base	
f	Material Handling Rate	\$1.00	[REDACTED]	Material/ Equipment	
g	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
h	G&A Rate-Prime	\$1.00	[REDACTED]	Other direct costs	
i	G&A Rate-Sub	\$1.00	[REDACTED]	Material/travel/subcontract	

Year 5

	Labor Category	Unit	COST -- Fully Burdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
	<b>NON-LABOR-RELATED INDIRECT RATES</b>	Unit	Rate	Application Base	
f	Material Handling Rate	\$1.00	[REDACTED]	Material/Equipment	
g	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
h	G&A Rate-Prime	\$1.00	[REDACTED]	Other direct costs	
i	G&A Rate-Sub	\$1.00	[REDACTED]	Material/travel/subcontract	

C. FIXED PRICE RATES

The Government will issue firm-fixed price task orders using the following labor rates and indirect rates set forth below:  
 (Note: All fixed priced labor rates are unburdened and applicable to clause 52.222-43)

Year 1

	Labor Category	Unit	FIXED - Unburdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician II-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
f	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
	<b>INDIRECT RATES</b>	Unit	Rate	Application Base	
g	Fringe Benefits-Prime	\$1.00	[REDACTED]	Direct labor	
h	Fringe Benefits-Sub	\$1.00	[REDACTED]	Direct labor, Cash in lieu	
i	Overhead-Prime	\$1.00	[REDACTED]	Direct labor	
j	Overhead-Sub	\$1.00	[REDACTED]	Direct labor, Cash in lieu	
k	Cash in Lieu of Benefits-Sub	\$1.00	[REDACTED]	Per direct labor hour	

l	Material Handling Rate	\$1.00	[REDACTED]	Material/ Equipment
m	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts
n	G&A Rate-Prime	\$1.00	[REDACTED]	Direct labor, fringe benefits, payroll additives overhead, other direct costs
o	G&A Rate-Sub	\$1.00	[REDACTED]	Direct labor, fringe benefits, overhead, travel, material, subcontract, cash in lieu

Year 2

	Labor Category	Unit	FIXED - Unburdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician II-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
f	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
INDIRECT RATES		Unit	Rate	Application Base	
g	Fringe Benefits-Prime	\$1.00	[REDACTED]	Direct labor	
h	Fringe Benefits-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	
i	Overhead-Prime	\$1.00	[REDACTED]	Direct labor	
j	Overhead-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	
k	Cash in Lieu of Benefits-Sub	\$1.00	[REDACTED]	Per direct labor hour	
l	Material Handling Rate	\$1.00	[REDACTED]	Material/ Equipment	
m	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
n	G&A Rate-Prime	\$1.00	[REDACTED]	Direct labor, fringe benefits, payroll additives overhead, other direct costs	
o	G&A Rate-Sub	\$1.00	[REDACTED]	Direct labor, fringe benefits, overhead, travel, material, subcontract, cash in lieu	

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Year 3

	Labor Category	Unit	FIXED - Unburdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician II-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
f	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
INDIRECT RATES		Unit	Rate	Application Base	
g	Fringe Benefits-Prime	\$1.00	[REDACTED]	Direct labor	
h	Fringe Benefits-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	
i	Overhead-Prime	\$1.00	[REDACTED]	Direct labor	
j	Overhead-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	
k	Cash in Lieu of Benefits-Sub	\$1.00	[REDACTED]	Per direct labor hour	
l	Material Handling Rate	\$1.00	[REDACTED]	Material/Equipment	
m	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
n	G&A Rate-Prime	\$1.00	[REDACTED]	Direct labor, fringe benefits, payroll additives overhead, other direct costs	
o	G&A Rate-Sub	\$1.00	[REDACTED]	Direct labor, fringe benefits, overhead, travel, material, subcontract, cash in lieu	

Year 4

	Labor Category	Unit	FIXED - Unburdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician II-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
f	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
INDIRECT RATES		Unit	Rate	Application Base	
g	Fringe Benefits-Prime	\$1.00	[REDACTED]	Direct labor	
h	Fringe Benefits-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	

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i	Overhead-Prime	\$1.00	[REDACTED]	Direct labor
j	Overhead-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu
k	Cash in Lieu of Benefits-Sub	\$1.00	[REDACTED]	Per direct labor hour
l	Material Handling Rate	\$1.00	[REDACTED]	Material Equipment
m	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts
n	G&A Rate-Prime	\$1.00	[REDACTED]	Direct labor, fringe benefits, payroll additives overhead, other direct costs
o	G&A Rate-Sub	\$1.00	[REDACTED]	Direct labor, fringe benefits, overhead, travel, material, subcontract, cash in lieu

Year 5

	Labor Category	Unit	FIXED - Unburdened		
			Straight Time Unit Rate	Overtime Unit Rate	Emergency Unit Rate
a	CLIN 1 Engineering Technician II (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
b	CLIN 1 Engineering Technician I (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
c	CLIN 2 Engineering Technician II-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
d	CLIN 2 Engineering Technician II-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
e	CLIN 2 Engineering Technician I-Prime (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
f	CLIN 2 Engineering Technician I-Sub (WD)	hour	[REDACTED]	[REDACTED]	[REDACTED]
INDIRECT RATES		Unit	Rate	Application Base	
g	Fringe Benefits-Prime	\$1.00	[REDACTED]	Direct labor	
h	Fringe Benefits-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	
i	Overhead-Prime	\$1.00	[REDACTED]	Direct labor	
j	Overhead-Sub	\$1.00	[REDACTED]	Direct labor, cash in lieu	
k	Cash in Lieu of Benefits-Sub	\$1.00	[REDACTED]	Per direct labor hour	
l	Material Handling Rate	\$1.00	[REDACTED]	Material/ Equipment	
m	Subcontracting Rate	\$1.00	[REDACTED]	Subcontracts	
n	G&A Rate-Prime	\$1.00	[REDACTED]	Direct labor, fringe benefits, payroll additives overhead, other direct costs	
o	G&A Rate-Sub	\$1.00	[REDACTED]	Direct labor, fringe benefits, overhead, travel, material, subcontract, cash in lieu	

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**B.4 FEE/PROFIT**

**A. COST-PLUS-FIXED-FEE TASK ORDERS**

A fee not to exceed [REDACTED] shall be added to each task order. However, task orders that include significant materials, travel or subcontracting costs may receive a lower fee.

Cost overruns on a task order (i.e. cost in excess of the Contractor's original estimate) shall not include fee. Fee may only be earned if the Contracting Officer determines that the excess costs are due to the Government specified modifications to the original task order.

**B. FIRM-FIXED-PRICE TASK ORDERS**

A profit not to exceed [REDACTED] shall be added to each task order.

**B.5 CONTRACT FUNDING INFORMATION**

**A. COST-PLUS-FIXED FEE**

(1) 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 \$ TBD\*. This allotment covers the following estimated period of performance: TBD\*.

(2) An additional amount of \$ TBD\* is obligated under this contract for payment of fee.

**B. FIRM-FIXED PRICE**

Firm-fixed price Task orders will be fully funded when issued.

Total Contract Funding of A and B is \$ TBD\*.

(\*See individual Task Order NNL05AA81T and subsequent Task Order funding modifications)

## SECTION C - STATEMENT OF WORK

This Statement of Work (SOW) covers the general requirements for Electronics and Fabrication Support Services at the Langley Research Center (LaRC). The majority of work will be performed at LaRC, primarily in those instances where equipment or other items to be worked on, or with, are located at LaRC. However, other work sites may be used as required by task orders. In responding to LaRC task orders, the Contractor must meet strict research schedules. The Contractor shall respond to LaRC emergency requirements in all statement of work areas on a 24 hour, 7 days a week basis. The Contractor, upon notification by the Contracting Officer (CO), or Contracting Officer's Technical Representative (COTR), shall respond to LaRC emergency requirements within 2 hours after receiving notification of the request from the Government. "Response" is defined as having contractor personnel working on-site at the NASA LaRC facility. "Emergency" is defined as an unexpected occurrence or set of circumstances demanding immediate action at the discretion of the CO or COTR. (Historically there have been 1-2 emergencies per year with the average of 8 hours total being worked per emergency)

## CLIN 1.0 ELECTRONICS FABRICATION SUPPORT

The Contractor shall fabricate research-oriented electronics circuitry as directed in task orders. This includes but is not limited to circuit assemblies for ground support, aircraft, space flight, laboratory, and research test facility instrumentation requirements. Work shall encompass four (4) functional work areas: *general, aircraft, and micro-electronic fabrication, and special fabrication processes* as described herein.

The Contractor shall perform work in accordance with task orders that shall include performance standards and fabrication specifications in the form of schematics, assembly drawings, sketches, wiring diagrams, and/or written narratives describing the work to be performed along with any special fabrication operations, procedures, and techniques required to satisfactorily complete the task. Contractor provided electronics fabrication support shall include but not be limited to the following services as directed by task orders:

- Layout of parts, wiring, fabrication, installation, functional checkout, and modification of electronics circuitry
- Installation of parts/components (including both surface mount and through hole devices) such as, but not limited to resistors, capacitors, coils, transistors, and integrated circuits in printed circuit board assemblies
- Routing and soldering of wires to form circuitry
- Soldering of cable wires to specified terminals to connect circuits and subassemblies
- Mechanical fabrication including machining and painting of miscellaneous hardware such as panels, chassis, equipment racks, instrumentation pallets, and cabinets

- Quality assurance functions including checking continuity of circuits using circuit analyzers; performing quality assurance inspection of components, assemblies, and completed instrumentation systems; analyzing problems encountered and documenting all inspections and tests performed; recording of nonconformance, rejections, reworks, and repairs; integrating Government-provided subassembly drawings/specifications to form detailed schematic of completed task; and assuring compliance of end items with the NASA Technical Standards.

1.1 General Electronics Fabrication - The Contractor shall produce general electronics circuitry and hardware. Requirements range from fabrication and assembly of printed circuit boards, cable assemblies, wiring harnesses, and electronics chassis; to installation and wiring of complete research test facilities; to fabrication and assembly of electronics hardware components and subsystems for Center aeronautical or aerospace research projects.

1.2 Aircraft Electronics Fabrication - The Contractor shall produce aircraft electronics circuitry such as data acquisition instrumentation, telemetry systems, electronic display units, and a variety of ground support equipment for LaRC's flight research aircraft. This also includes mechanical fabrication of support equipment, racks, instrumentation pallets, and hardware modifications for installation into various research aircraft and facilities. Work will be performed in *LaRC's Hangar* and *on-board the various research aircraft*.

1.3 Microelectronics Fabrication - The Contractor shall produce microelectronics circuitry. This includes the performance of technical functions necessary for microelectronic circuit and sensor fabrication such as deposition of materials, photochemical patterning of circuit elements, interconnections, mounting of micro-miniature components, and other functions as required. The specialized microelectronics facilities and equipment necessary for performance of this work are located in *LaRC's Microelectronics Laboratory* and shall be provided for use by the Contractor.

1.4 Special Fabrication Processes - The Contractor shall perform a variety of special fabrication processes including but not limited to the following:

- Photo plotting, photographing, and processing of printed circuit board electronic artwork data files. The Contractor shall utilize these processes to produce printed circuit board artwork film plots. (In producing the required film plots, the Contractor shall electronically interface with the Government in an automated fashion utilizing compatible standard electronic file formats.
- Printed circuit board (PCB) fabrication. The Government may issue task orders for fabrication of PCB's from government-provided schematics/artwork. All PCB's must meet quality certification

standards as identified in IPC-6012, Qualification and Performance Specification for Rigid Printed Boards.)

- Graphics-related processes including computerized vinyl cutting; metal-photo imaging; graphics artwork layout; screen-printing; decaling; and transfer lettering. The Contractor shall utilize these processes to perform the following: fabricate and install miscellaneous chassis faceplates; label/identify instrumentation panels, chassis, cabinets, printed circuit boards, and like items.
- Coatings application processes including conformal coating, staking, encapsulating and other processes related to the application of protective coatings to printed circuit boards and electronic assemblies.

The Contractor shall insure that personnel performing work under CLIN 1.0 functional work areas are qualified and certified in accordance with the training and certification requirements set forth in NASA Technical Standard, NASA-STD-8739 (latest version).

The Contractor shall conform to various standards/codes as specified in task orders. Such standards/codes include but are not limited to NASA Technical Standards, Mil-Specs/Standards, IEEE, ANSI, IPC and SAE. (If not specified in the task order the Contractor shall comply with NASA-STD-8739, latest version.) For critical hardware/systems, including flight critical, mission critical, and system critical hardware/systems, the Contractor shall insure all hardware is in conformance with the airworthiness guidelines and standards for design, fabrication, and installation of aircraft modifications as set forth in LAPG-1710.16, Aviation Operations and Safety Manual, FAA AC 43.13.1B-2A, Aircraft Inspection, Repair, and Alterations Manual, or other guideline/standard specified in the task order.

The Contractor shall inspect all completed tasks prior to delivery to the Government to insure compliance with the task order and specified standard. The Contractor shall furnish a final inspection report with completed tasks. The final inspection report shall include, but not be limited to the following information: (1) quality inspection report (Form FD-EFDB N-969, Quality Assurance Work Control Card, or equivalent) which documents the various quality inspections performed including any non-conformances, and (2) as required, certifications for materials, fasteners, components, processes, and procedures used. Completed tasks shall be delivered to a NASA quality assurance inspector or authorized NASA representative (as designated by the COTR) for final inspection and acceptance. Tasks with non-compliant deliverables will be documented by the Government along with the basis for rejection and returned to the Contractor, no later than one (1) business day for rework. The Contractor shall correct all deficiencies and return items to the Government within one (1) business day for final inspection and acceptance at no additional cost. Additional rework time to rework tasks may be requested by the Contractor, but must be approved by the COTR.

CLIN 2.0 METALS FABRICATION SUPPORT

The Contractor shall fabricate research-oriented mechanical hardware. This includes but is not limited to hardware for aircraft instrumentation, ground support instrumentation equipment, space-flight applications, and research test facility instrumentation requirements. The Contractor shall perform work in accordance with task orders, that shall include performance standards and fabrication specifications in the form of drawings, sketches, and/or written narratives describing the work to be performed along with any special fabrication operations, procedures, and techniques required to satisfactorily complete the task. Contractor provided metals fabrication support shall include but not be limited to the following services as directed by task orders:

- Aircraft structural modifications and fabrication
- Aircraft flight test hardware fabrication
- Simulator development, modification, and fabrication
- Modification of commercial off-the-shelf (COTS) equipment
- Test facility development, modification, and fabrication
- Structural test article and research instrumentation/device fabrication

In the performance of these services, the contractor shall provide a full range of metals fabrication capabilities that include but are not limited to aviation metal-smithing; conventional and specialized machining; hand tooling and fitting; metal cutting, shearing, punching, drilling, grinding, sawing, welding, torch-cutting, forming, bending, rolling, braking, and fastening (utilizing riveting, and bolt/screw applications). The Contractor shall interface with NASA and Contractor research scientists, engineers, and technicians, including Quality Assurance personnel to develop and fabricate proto-types, complex mechanical systems, one-of-a-kind test articles, modified COTS equipment, and test facilities.

The Contractor shall provide documentation in accordance with the task order. Such documentation may include, but is not limited to Assembly History Records and 'redlined' fabrication drawings reflecting the 'as built' configuration of final hardware.

The Contractor shall conform to various standards/codes as specified in task orders. Such standards/codes include but are not limited to NASA Technical Standards, Mil-Specs/Standards, IEEE, ANSI, IPC and SAE. For critical hardware/systems, including flight critical, mission critical, and system critical hardware/systems, the Contractor shall insure all hardware is in conformance with the airworthiness guidelines and standards for design, fabrication, and installation of aircraft modifications as set forth in LAPG-1710.16, Aviation Operations and Safety Manual, FAA AC 43.13.1B-2A, Aircraft Inspection, Repair, and Alterations Manual, or other guideline/standard specified in the task order.

The Contractor shall inspect all completed tasks prior to delivery to the Government to insure compliance with the task order and specified standard. The Contractor shall furnish a final inspection report with completed tasks. The final inspection report shall include, but not be limited to the following information: (1) quality inspection report (Form FD-EFDB N-969, Quality Assurance Work Control Card, or equivalent) which documents the various quality inspections performed including any non-conformances, and (2) as required, certifications for materials, fasteners, components, processes, and procedures used. Completed tasks shall be delivered to a NASA quality assurance inspector or authorized NASA representative (as designated by the COTR) for final inspection and acceptance. Tasks with non-compliant deliverables will be documented by the Government along with the basis for rejection and returned to the Contractor, no later than one (1) business day for rework. The Contractor shall correct all deficiencies and return items to the Government within one (1) business day for final inspection and acceptance at no additional cost. Additional rework time to rework tasks may be requested by the Contractor, but must be approved by the COTR. The Contractor shall perform work in LaRC's Hangar, various research facilities, and on-board the various research aircraft.

**SECTION E - INSPECTION AND ACCEPTANCE**

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**E.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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

**I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

CLAUSE NUMBER	DATE	TITLE
52.246-2	AUG 1996	INSPECTION OF SUPPLIES - FIXED PRICE
52.246-3	MAY 2001	INSPECTION OF SUPPLIES--COST- REIMBURSEMENT
52.246-4	AUG 1996	INSPECTION OF SERVICES - FIXED PRICE
52.246-5	APR 1984	INSPECTION OF SERVICES--COST- REIMBURSEMENT

**II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES**

CLAUSE NUMBER	DATE	TITLE
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None included by reference.

**SECTION F - DELIVERIES OR PERFORMANCE**

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**F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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

**I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

CLAUSE NUMBER	DATE	TITLE
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.242-15	AUG 1989	STOP-WORK ORDER (ALTERNATE I) (APR 1984)
52.247-34	NOV 1991	F.O.B. DESTINATION

**II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES**

CLAUSE NUMBER	DATE	TITLE
None included by reference.		

**F.2 PERIOD OF PERFORMANCE (LaRC 52.211-91) (NOV 2002)**

The period of performance of this contract shall be 60 months from the effective date of the contract.

**F.3 PLACE(S) OF PERFORMANCE (LaRC 52.211-98) (OCT 1992)**

The place(s) of performance shall be: at the Contractor's facility, NASA, Langley Research Center, Hampton, Virginia; and other sites as may be designated by task orders.

**SECTION G - CONTRACT ADMINISTRATION DATA**

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**G.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

CLAUSE NUMBER	DATE	TITLE
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None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

CLAUSE NUMBER	DATE	TITLE
1852.216-75	DEC 1988	PAYMENT OF FIXED FEE
1852.242-73	JUL 2000	NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
1852.245-70	JUL 1997	CONTRACTOR REQUESTS FOR GOVERNMENT- OWNED EQUIPMENT

**G.2 SUBMISSION OF VOUCHERS FOR PAYMENT (NFS 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 should be submitted to:

NASA Langley Research Center  
MS 175/ Accounts Payable  
Hampton VA 23681

(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 directed by the Contracting Officer.

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

(1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to:

[Insert the appropriate NASA or DCAA mailing office address for submission of cost vouchers]

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

(i) Copy 1 NASA Contracting Officer

(ii) Copy 2 Auditor

(iii) Copy 3 Contractor

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

(d)(1) 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:

NASA Langley Research Center  
MS 175/ Accounts Payable  
Hampton VA 23681

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

(2) Fixed fee shall be paid in monthly installments based upon the percentage of completion of work as determined by the Contracting Officer. The following formulas are provided as a convenience for calculating the interim fee provided the formulas produce a reasonable percentage as compared to completion of work. You should show both formulas on your fee voucher, however, the maximum fee percentage for fee billing is the smaller of the percentages resulting from the application of the two formulas. If at any time the Contracting Officer determines that the fee percentage is not consistent with the completion of work, the fee formula will be adjusted, or another methodology that results in comparative fee billing agreed upon.

**NNL05AA00B**

(#) Cost Incurred to Date

Contract Estimated Cost = \_\_\_%

(#) Months of Performance Expended to Date

Contract Period of Performance (Months) = \_\_\_%

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

**G.3 TECHNICAL DIRECTION (NFS 1852.242-70) (SEP 1993)**

(a) Performance of the work under this contract is subject to the written technical direction of the Contracting Officer Technical Representative (COTR), who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 1842.270. "Technical direction" means a directive to the Contractor that approves approaches, solutions, designs, or refinements; fills in details or otherwise completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or furnishes similar instruction to the Contractor. Technical direction includes requiring studies and pursuit of certain lines of inquiry regarding matters within the general tasks and requirements in Section C of this contract.

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

(1) Constitutes an assignment of additional work outside the statement of work;

(2) Constitutes a change as defined in the changes clause;

(3) Constitutes a basis for any increase or decrease in the total estimated contract cost, the fixed fee (if any), or the time required for contract performance;

(4) Changes any of the expressed terms, conditions, or specifications of the contract; or

(5) Interferes with the Contractor's rights to perform the terms and conditions of the contract.

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

(d) The Contractor shall proceed promptly with the performance of technical direction duly issued by the COTR in the manner prescribed by this clause and within the COTR's authority.

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

(1) Rescinded in its entirety; or

(2) Within the requirements of the contract and does not constitute a change under the changes clause of the contract, and that the Contractor should proceed promptly with its performance.

(e) A failure of the Contractor and Contracting Officer to agree that the instruction or direction is both within the requirements of the contract and does not constitute a change under the changes clause, or a failure to agree upon the contract action to be taken with respect to the instruction or direction, shall be subject to the Disputes clause of this contract.

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

**G.4 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY  
(NFS 1852.245-71) (JUN 1998)**

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

User responsibilities in accordance with NASA Handbook NHB 4200.1, NASA Equipment Management Manual.

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

(b) (1) The official accountable record keeping, physical inventory, financial control, and reporting of the property

subject to this clause shall be retained by the Government and accomplished by the installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

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

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

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

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

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

**G.5 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (NFS 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 cognizant NASA Center Deputy Chief Financial Officer, Finance, 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:

ATTN: Susan Tillman  
Industrial Property Office  
Mail Stop 377  
Hampton, VA 23681-2199

(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 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 the actual activity once that data is available, and adjust them accordingly. In addition, differences between the estimated cost and actual cost must be adjusted during the next 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 contact the cognizant NASA Center Industrial Property Officer (IPO) within 30 days after discovery of the error 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.

**G.6 LIST OF GOVERNMENT-FURNISHED PROPERTY  
(NFS 1852.245-76) (OCT 1988)**

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

**G.7 LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES  
(NFS 1852.245-77) (JUL 1997)**

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

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

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

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

(2) If the Contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract,

this property also shall become accountable to the Government upon its entry into Government records as required by the clause at 1852.245-71, Installation-Accountable Government Property.

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

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

(d) Installation service facilities: LaRCNET connections/network attached devices (NAD), mail service, child care center, library.

(e) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty. In all instances of severe injury, or sudden life threatening illness (e.g. heart attack), the Emergency Medical Technician Squad shall be summoned immediately, by dialing 911. Referrals to care centers and for private physicians will be made in cases requiring long term follow-up, or when specific services required are unavailable on-site.

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

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

(h) 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.

(i) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

**G.8 PROVIDING FACILITIES TO CONTRACTORS (LaRC 52.245-90)  
(OCT 2003)**

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

B. In keeping with the policy set forth in FAR 45.302-1, the

Government will not provide NEW "facilities," except as provided for in the Statement of Work.

C. However, the Government will provide EXISTING facilities as listed in G.7 and Exhibit D. Any of these existing facilities that reach the end of their useful life during the contract period, or which are beyond economical repair, shall be replaced by the Contractor, if the facilities are still needed for contract performance. Contractor acquisitions of facility items for the Government is prohibited, unless specifically authorized by the contract or consent has been obtained in writing from the Contracting Officer pursuant to FAR 45.302-1(a).

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

#### **G.9 PAYMENT FOR FIXED PRICE TASK ORDERS**

In accordance with Section I clause, 52.232-1, Payments, payments for Fixed Price task orders will be made by the Government based on receipt of a proper invoices and completion and acceptance of services rendered.

#### **G.10 TASK ORDERING PROCEDURE**

(a) The Contracting Officer (CO) and the Contracting Officer's Technical Representative (COTR) may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a task order, the CO/COTR shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within 1 work day after receipt of the CO/COTR's request, the Contractor shall submit an electronic task plan conforming to the request.

(d) After review and any necessary discussions, the CO/COTR's may

issue a task order to the Contractor containing, as a minimum, the following:

- (1) Date of the order.
- (2) Contract number and order number.
- (3) Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.
- (4) Performance standards, and where appropriate, quality assurance standards.
- (5) Maximum dollar amount authorized (cost and fee or price)
- (6) Any other resources (materials, equipment, facilities, etc.) authorized.
- (7) Delivery/performance schedule including start and end dates.
- (e) The Contractor shall provide electronic acknowledgment of receipt to the Contracting Officer within 1-calendar days after receipt of the task order.
- (f) If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order, which includes a ceiling price, may be issued.
- (g) The Contracting Officer may amend tasks in the same manner in which they were issued.
- (h) In the event of a conflict between the requirements of the task order and the Contractor's approved task plan, the task order shall prevail.

#### Amendments to the Task Order

In the case where the TO requires changes, the Government and contractor shall arrive at a general agreement to the changes. Changes that do not affect scope or cost shall be documented by the contractor in the form of amendments to the Task Plan and must be reviewed and authorized by the requester, and COTR. Changes that affect scope or cost shall follow the same approval process as the original task order.

In the case of work out of scope, the contractor shall notify the CO in writing and shall not proceed with any work.

#### **G.11 ELECTRONIC TASK ORDERING SYSTEM**

The contractor shall establish, implement, and maintain a management control system required for planning, organizing, and controlling task order activities. The Contractor shall automate the task flow process. The automated system shall allow for the electronic initiation, routing, review, approval, issuance, and modification of task order with the use of password security for the designated Government officials with initiation, editing, and re-routing by each approver as needed, and with automatic notification to the approvers of the need for approval. The contractor shall track individual task orders fixed-price, estimated cost, funded cost and fee, actual cumulative task order Estimated Cost and Fee.

**SECTION H - SPECIAL CONTRACT REQUIREMENTS**

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**H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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

**I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

CLAUSE NUMBER	DATE	TITLE
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None included by reference.

**II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES**

CLAUSE NUMBER	DATE	TITLE
1852.223-70	APR 2002	SAFETY AND HEALTH
1852.223-74	MAR 1996	DRUG-AND ALCOHOL-FREE WORKFORCE
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.225-70	FEB 2000	EXPORT LICENSES
1852.228-75	OCT 1988	MINIMUM INSURANCE COVERAGE
1852.242-72	OCT 2000	OBSERVANCE OF LEGAL HOLIDAYS (Aug 92) (Alt I) (Sep 89)

**H.2 SECURITY CLASSIFICATION REQUIREMENTS (NFS 1852.204-75)  
(SEP 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 Secret Clearance. See Federal Acquisition Regulation clause 52.204-2 in this contract and DD Form 254, Contract Security Classification Specification, Exhibit B.

**H.3 SECURITY PROGRAM/NON-U.S. CITIZEN EMPLOYEE ACCESS  
REQUIREMENTS (LaRC 52.204-91) (OCT 2003)**

a. Access to the LaRC by contractor non-U.S. citizen employees, including employees in permanent resident alien status, shall be approved in accordance with NPG 1371.2 and LMS-CP-4850-- "Non-U.S. Citizen(s)/Foreign Representative(s) Visitor Approval". Administrative processing requires advance notice of between 20 to 45 days depending on the nationality of the non-U.S. citizen. Access authorization shall be for a maximum of one year, and must be reevaluated annually. Non-U.S. citizen employees must be under escort at all times while on Center by a U.S. citizen issued a LaRC identification badge.

b. Request for Center access in excess of 90 days requires that a background investigation be conducted on the non-U.S. citizen employee. The processing of a background investigation requires the submittal of a NASA Form 531, "Name Check Request," and a fingerprint card application. Normal processing time for a background investigation is approximately 90 days. A favorably adjudicated background investigation shall allow non-U.S. citizen contractor employee limited unescorted access to the Center. Access shall be limited to work areas identified and deemed necessary and entry and egress to that site.

**H.4 UNESCORTED ACCESS BY U.S CITIZEN CONTRACTOR EMPLOYEES  
(LaRC 52.204-102) (OCT 2002)**

Visits by U.S. citizen contractor employees that are expected will exceed 90 days will require the employee to undergo a Background Investigation. All Contractor employees must, as a minimum, have a favorably adjudicated NASA Agency Check (NAC). However, a NAC is not required if the Contractor can certify that an employee has an active United States Government Security Clearance, (IAW requirements of Executive Order #12968), or has been the subject of a prior favorable NAC investigation.

For contractor employees requiring a NAC, the Contractor shall require its employees to submit a "Name Check Request" (NASA Form 531), an "Authorization for Release of Credit Reports" (NASA Form 1684), and a completed FD-258, "Applicant Fingerprint Card" to the LaRC Badge and Pass Office, Mail Stop 232. Fingerprint cards will be completed at the Badge and Pass Office only. Normal processing time for a NASA NAC is approximately 60 days.

**H.5 (LIMITED) RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS  
INFORMATION (CBI) (LaRC 52.204-104) (JAN 2002)**

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

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

- (1) To other Agency contractors and subcontractors, and their employees tasked with assisting the Agency in handling and processing information and documents in the evaluation, the award or the administration of Agency contracts, such as providing both

prewar and post award audit support and specialized technical support to NASA's technical evaluation panels;

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

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

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

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

**H.6 INCORPORATION OF SECTION K OF THE PROPOSAL BY REFERENCE**  
(LaRC 52.215-107) (NOV 2002)

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

**H.7 SMALL DISADVANTAGED BUSINESS PARTICIPATION--CONTRACT TARGETS**  
(LaRC 52.219-91) (OCT 2002) (Offeror fill-in)  
*(Contractor is a Small Disadvantaged Business)*

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

(b) FAR 19.1202-4(a) requires that SDB participation targets be Incorporated in the contract. Targets for this contract are as Follows: (See Internet at <http://www.census.gov/epcd/www/naics.html> for Department of Commerce NAICS Industry Sub sectors.)

	Department of Commerce NAICS Industry Sub sectors	Dollar Target	Percent of Contract Value
1. Year 1	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___

	___ TBD ___	___ TBD ___	___ TBD ___
	Total	___ TBD ___	___ TBD ___
2. Year 2	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	Total	___ TBD ___	___ TBD ___
3. Year 3	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	Total	___ TBD ___	___ TBD ___
4. Year 4	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	Total	___ TBD ___	___ TBD ___
5. Year 5	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	___ TBD ___	___ TBD ___	___ TBD ___
	Total	___ TBD ___	___ TBD ___

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

Name of Concern(s):

\_\_\_\_\_ TBD \_\_\_\_\_  
 \_\_\_\_\_

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

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

	Dollars	Percent of Contract Value
1. Year 1	\$ ___ TBD ___	___ TBD ___
2. Year 2	\$ ___ TBD ___	___ TBD ___
3. Year 3	\$ ___ TBD ___	___ TBD ___
4. Year 4	\$ ___ TBD ___	___ TBD ___
5. Year 5	\$ ___ TBD ___	___ TBD ___

**H.8 QUALITY MANAGEMENT SYSTEM CERTIFICATION/REGISTRATION REQUIREMENTS (ISO 9001) (LaRC 52.246-98) (NOV 2002)**

The Contractor's quality system shall be certified/registered to the current ANSI/ISO/ASQC Q ISO 9001 standard, Quality Management Systems Requirements.

Since the Contractor's quality system is not already certified/registered to the current ANSI/ISO/ASQC Q ISO 9001 standard, the Contractor shall develop quality system procedures and associated documentation and obtain ISO 9001 Certification/Registration within nine months after the contract effective date.

Once certification/registration to the current ANSI/ISO/ASQC Q ISO 9001 has been achieved, a copy of the ISO 9001 Certification/Registration certificate should be submitted for review and acceptance.

"Certified/Registered" as used in this clause means that the contractor has defined, documented, and will continually implement during the term of the contract management-approved methods of operation that have been audited by a 3rd party ISO 9001 Registrar and found meet to the requirements given in the above-cited International Standard.

**H.9 OBSERVATION OF REGULATIONS AND IDENTIFICATION OF  
CONTRACTOR'S EMPLOYEES (LaRC 52.211-104) (APR 2002)**

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

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

C. Employee Outprocessing--The Contractor shall ensure that all employees who are terminated or no longer connected with work being performed under this contract are out processed through the LaRC Badge and Pass Office. Badges and keys must be accounted for and returned.

**H.10 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY  
RESOURCES**

(a) The Contractor shall be responsible for Information Technology security for all systems connected to a NASA network or operated by the Contractor for NASA, regardless of location. This clause is applicable to all or any part of the contract that includes information technology resources or services in which the Contractor must have physical or electronic access to NASA's sensitive information contained in unclassified systems that directly support the mission of the Agency. This includes information technology, hardware, software, and the management, operation, maintenance, programming, and system administration of computer systems, networks, and telecommunications systems. Examples of tasks that require security provisions include:

(1) Computer control of spacecraft, satellites, or aircraft or their payloads;

(2) Acquisition, transmission or analysis of data owned by NASA with significant replacement cost should the contractor's copy be corrupted; and

(3) Access to NASA networks or computers at a level beyond that granted the general public, e.g. bypassing a firewall.

(b) The Contractor shall provide and maintain an IT Security Implementation Plan. This plan shall:

(1) Identify the contract number and NASA organization supporting the work

(2) Describe the nature of the work and the category of the information PUB, ADM, SER, BRT, or MSN as described in NPG 2810.1 (for access to this NPG:  
[http://nodis3.gsfc.nasa.gov/library/displayDir.cfm?Internal\\_ID=NPG\\_2810\\_0001 &page\\_name=main](http://nodis3.gsfc.nasa.gov/library/displayDir.cfm?Internal_ID=NPG_2810_0001&page_name=main)

(3) Provide a point of contact for IT security issues

(4) Identify the IT resources (GFE or contractor-owned) that will be utilized by the contractor.

(5) Describe the processes for ensuring that the computers will be administered in accordance with NPG 2810.

(6) Describe the process for ensuring that back-ups of contractor-owned IT resources are accomplished, as well as tested for disaster recovery.

(c) Within 30 days after contract award, the contractor shall submit for NASA approval an IT Security Implementation Plan. This plan must be in compliance with the requirements stated in this clause. The plan, as approved by the Contracting Officer, shall be incorporated into the contract as a compliance document.

(d)(1) Contractor personnel requiring privileged access or limited privileged access to systems operated by the Contractor for NASA or interconnected to a NASA network shall be screened at an appropriate level in accordance with NPG 2810.1, Section 4.5; NPG 1620.1, Chapter 3; and paragraph (d)(2) of this clause. Those Contractor personnel with non-privileged access do not require personnel screening. NASA shall provide screening using standard personnel screening National Agency Check (NAC) forms listed in paragraph (d)(3) of this clause, unless contractor screening in accordance with paragraph (d)(4) is approved. The Contractor shall submit the required forms to the NASA Center Chief of Security (CCS) within fourteen (14) days after contract award or assignment of an individual to a position requiring screening. The forms may be obtained from the CCS. At the option of the government, interim access may be granted pending completion of the NAC.

(2) Guidance for selecting the appropriate level of screening is based on the risk of adverse impact to NASA missions. NASA defines three levels of risk for which screening is required (IT-1 has the highest level of risk):

(i) IT-1 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause very serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of spacecraft, satellites or aircraft.

(ii) IT-2 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of payloads on spacecraft, satellites or aircraft; and those that contain the primary copy of "level 1" data whose cost to replace exceeds one million dollars.

(iii) IT-3 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause significant adverse impact to NASA missions. These systems include, for example, those that interconnect with a NASA network in a way that exceeds access by the general public, such as bypassing firewalls; and systems operated by the contractor for NASA whose function or data has substantial cost to replace, even if these systems are not interconnected with a NASA network.

(3) Screening for individuals shall employ forms appropriate for the level of risk as follows:

(i) IT-1: Fingerprint Card (FC) 258 and Standard Form (SF) 85P, Questionnaire for Public Trust Positions;

(ii) IT-2: FC 258 and SF 85, Questionnaire for Non-Sensitive Positions; and

(iii) IT-3: NASA Form 531, Name Check, and FC 258.

(4) The Contracting Officer may allow the Contractor to conduct its own screening of individuals requiring privileged access or limited privileged access provided the Contractor can demonstrate that the procedures used by the Contractor are equivalent to NASA's personnel screening procedures. As used here, equivalent includes a check for criminal history, as would be conducted by NASA, and completion of a questionnaire covering the same information as would be required by NASA.

(5) Screening of contractor personnel may be waived by the Contracting Officer for those individuals who have proof of --

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(i) Current or recent national security clearances (within last three years);

(ii) Screening conducted by NASA within last three years; or

(iii) Screening conducted by the Contractor, within last three years, that is equivalent to the NASA personnel screening procedures as approved by the Contracting Officer under paragraph (d)(4) of this clause.

(e) The Contractor shall afford NASA, including the Office of Inspector General, access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases and personnel used in performance of the contract. Access shall be provided to the extent required to carry out a program of IT inspection, investigation and audit to safeguard against threats and hazards to the integrity, availability and confidentiality of NASA data or to the function of computer systems operated on behalf of NASA, and to preserve evidence of computer crime.

(f) The Contractor shall incorporate the substance of this clause in all subcontracts that meet the conditions in paragraph (a) of this clause.

**PART II - CONTRACT CLAUSES**

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**SECTION I - CONTRACT CLAUSES**

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**I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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

**I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)**

CLAUSE NUMBER	DATE	TITLE
52.202-1	DEC 2001	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	JUL 1995	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	JUN 2003	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER
52.204-7	OCT 2003	CENTRAL CONTRACT REGISTRATION
52.209-6	JUL 1995	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.215-2	JUN 1999	AUDIT AND RECORDS-NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA-MODIFICATIONS
52.215-13	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS
52.215-14	OCT 1997	INTEGRITY OF UNIT PRICES
52.215-15	JAN 2004	PENSION ADJUSTMENTS AND ASSET REVERSIONS
52.215-17	OCT 1997	WAIVER OF FACILITIES CAPITAL COST OF MONEY
52.215-18	OCT 1997	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
52.215-19	OCT 1997	NOTIFICATION OF OWNERSHIP CHANGES
52.215-21	OCT 1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA -- MODIFICATIONS (OCT 1997)
52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT

Insert "30<sup>th</sup>" in Paragraph (a)(3).

52.219-4 JAN 1999 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS

52.219-8 OCT 2002 UTILIZATION OF SMALL BUSINESS CONCERNS

52.219-23 JUN 2003 NOTICE OF PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS The evaluation adjustment factor inserted in paragraph (b)(1) is 10%.

52.222-1 FEB 1997 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES

52.222-2 JUL 1990 PAYMENT FOR OVERTIME PREMIUMS Insert "zero (0)" in paragraph (a)

52.222-3 JUN 2003 CONVICT LABOR

52.222-21 FEB 1999 PROHIBITION OF SEGREGATED FACILITIES

52.222-26 APR 2002 EQUAL OPPORTUNITY

52.222-35 DEC 2001 EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS

52.222-36 JUN 1998 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES

52.222-37 DEC 2001 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS

52.222-41 MAY 1989 SERVICE CONTRACT ACT OF 1965, AS AMENDED

52.223-5 APR 1998 POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION

52.223-6 MAY 2001 DRUG-FREE WORKPLACE

52.223-10 AUG 2000 WASTE REDUCTION PROGRAM

52.223-14 AUG 2003 TOXIC CHEMICAL RELEASE REPORTING

52.225-1 DEC 2003 BUY AMERICAN ACT-SUPPLIES

52.225-13 JUL 2003 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES

52.227-1 JUL 1995 AUTHORIZATION AND CONSENT

52.227-2 AUG 1996 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT

52.228-7 MAR 1996 INSURANCE-LIABILITY TO THIRD PERSONS

52.232-9 APR 1984 LIMITATION ON WITHHOLDING OF PAYMENTS

52.232-17 JUN 1996 INTEREST

52.232-18 APR 1984 AVAILABILITY OF FUNDS

52.232-23 JAN 1986 ASSIGNMENT OF CLAIMS

52.232-25 OCT 2003 PROMPT PAYMENT (ALTERNATE I) (FEB 2002)

52.232-34 MAY 1999 PAYMENT BY ELECTRONIC FUNDS TRANSFER-- OTHER THAN CENTRAL CONTRACTOR REGISTRATION

Insert "no later than 15 days prior to submission of the first request for payment" in Paragraph (b)(1).

52.233-1 JUL 2002 DISPUTES

52.233-3 AUG 1996 PROTEST AFTER AWARD (ALTERNATE I) (JUN 1985)

52.237-2 APR 1984 PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION

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52.237-3	JAN 1991	CONTINUITY OF SERVICES
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.242-13	JUL 1995	BANKRUPTCY
52.244-2	AUG 1998	SUBCONTRACTS (ALTERNATE I) (AUG 1998)
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING
52.246-25	FEB 1997	LIMITATION OF LIABILITY-- SERVICES
52.247-1	APR 1984	COMMERCIAL BILL OF LADING NOTATIONS
52.248-1	FEB 2000	VALUE ENGINEERING
52.249-14	APR 1984	EXCUSABLE DELAYS
52.252-6	APR 1984	AUTHORIZED DEVIATIONS IN CLAUSE

**II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES**

CLAUSE NUMBER	DATE	TITLE
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.243-71	MAR 1997	SHARED SAVINGS

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The following clauses are applicable only to the cost reimbursement portion of this contract.

**III. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES**

CLAUSE NUMBER	DATE	TITLE
52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT INSERT 30 <sup>th</sup> DAY IN PARAGRAPH (a)(3).
52.216-8	MAR 1997	FIXED FEE
52.222-2	JUL 1990	PAYMENT FOR OVERTIME PREMIUMS (INSERT "ZERO" IN PARAGRAPH (A))
52.228-7	MAR 1996	INSURANCE-LIABILITY TO THIRD PERSONS
52.232-22	APR 1984	LIMITATION OF FUNDS
52.232-25	OCT 2003	PROMPT PAYMENT (ALTERNATE I) (FEB 2002)
52.233-3	AUG 1996	PROTEST AFTER AWARD (ALTERNATE I) (JUN 1985)
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COST
52.243-2	APR 1987	CHANGES-COST-REIMBURSEMENT-ALT II (APR 1984)
52.244-2	AUG 1998	SUBCONTRACTS - ALTERNATE I
52.245-5	JUN 2003	GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME- AND-MATERIAL, OR LABOR-HOUR CONTRACTS)
52.249-6	MAY 2004	TERMINATION (COST-REIMBURSEMENT)
52.249-14	APR 1984	EXCUSABLE DELAYS

**NASA/FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES**

1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
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The following clauses are applicable to only the fixed price portion of this contract.

**IV. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES**

CLAUSE NUMBER	DATE	TITLE
52.222-43	MAY 1989	FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT - PRICE ADJUSTMENT
52.228-5	JAN 1997	INSURANCE - WORK ON A GOVERNMENT INSTALLATON
52.229-3	APR 2003	FEDERAL, STATE AND LOCAL TAXES
52.232-1	APR 1984	PAYMENTS
52.232-8	FEB 2002	DISCOUNTS FOR PROMPT PAYMENT
52.233-3	AUG 1996	PROTEST AFTER AWARD
52.243-1	AUG 1987	CHANGES-FIXED-PRICE ALT II (APR 1984)
52.245-2	JUNE 2004	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (JUN 2003)
52.246-16	APR 1984	RESPONSIBILITY FOR SUPPLIES
52.249-2	SEP 1996	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)
52.249-8	APR 1984	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)

**I.2 CLAUSES IN FULL TEXT**

LISTING OF CLAUSES INCORPORATED IN FULL TEXT

NOTICE: The following contract clauses pertinent to this section apply to the cost reimbursement and the firm-fixed price portions of this contract:

52.216-18	ORDERING (OCT 1995)
52.216-19	ORDER LIMITATIONS (OCT 1995)
52.216-22	INDEFINITE QUANTITY (OCT 1995)
52.217-8	OPTION TO EXTEND SERVICES (NOV 1999)
52.222-26	EQUAL OPPORTUNITY (APR 2002)
52.222-35	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)
52.222-42	STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)
52.252-2	CLAUSES INCORPORATED BY REFERENCE (FEB 1998)
52.253-1	COMPUTER GENERATED FORMS (JAN 1991)
1852.215-84	OMBUDSMAN(JUN 2000) (ALTERNATE I)(JUN 2000)

**I.3 ORDERING (FAR 52.216-18) (OCT 1995)**

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of task orders or by the individuals or activities designated in the Schedule. Such orders may be issued from the effective date of the contract through contract completion.

(b) All task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

**I.4 ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995)**

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than \$100, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

- (1) Any order for a single item in excess of \$1,000,000;
- (2) Any order for a combination of items in excess of \$10,000,000; or

(3) A series of orders from the same ordering office within 60 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 2 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

#### **I.5 INDEFINITE QUANTITY (FAR 52.216-22) (OCT 1995)**

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the orders were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after 66 months.

**I.6 OPTION TO EXTEND SERVICES FAR 52.217-8 (Nov 1999)**

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 30 days.

**I.7 EQUAL OPPORTUNITY (FAR 52.222-26) (APR 2002)**

(a) Definition. "United States," as used in this clause, means the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.

(b) If, during any 12-month period (including the 12 months preceding the award of this contract), the Contractor has been or is awarded nonexempt Federal contracts and/or subcontracts that have an aggregate value in excess of \$10,000, the Contractor shall comply with paragraphs (b)(1) through (b)(11) of this clause, except for work performed outside the United States by employees who were not recruited within the United States. Upon request, the Contractor shall provide information necessary to determine the applicability of this clause.

(1) The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. However, it shall not be a violation of this clause for the Contractor to extend a publicly announced preference in employment to Indians living on or near an Indian reservation, in connection with employment opportunities on or near an Indian reservation, as permitted by 41 CFR 60-1.5.

(2) The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. This shall include, but not be limited to--

- (i) Employment;
- (ii) Upgrading;
- (iii) Demotion;
- (iv) Transfer;
- (v) Recruitment or recruitment advertising;

- (vi) Layoff or termination;
- (vii) Rates of pay or other forms of compensation; and
- (viii) Selection for training, including apprenticeship.

(3) The Contractor shall post in conspicuous places available to employees and applicants for employment the notices to be provided by the Contracting Officer that explain this clause.

(4) The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(5) The Contractor shall send, to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, the notice to be provided by the Contracting Officer advising the labor union or workers' representative of the Contractor's commitments under this clause, and post copies of the notice in conspicuous places available to employees and applicants for employment.

(6) The Contractor shall comply with Executive Order 11246, as amended, and the rules, regulations, and orders of the Secretary of Labor.

(7) The Contractor shall furnish to the contracting agency all information required by Executive Order 11246, as amended, and by the rules, regulations, and orders of the Secretary of Labor. The Contractor shall also file Standard Form 100 (EEO-1), or any successor form, as prescribed in 41 CFR part 60-1. Unless the Contractor has filed within the 12 months preceding the date of contract award, the Contractor shall, within 30 days after contract award, apply to either the regional Office of Federal Contract Compliance Programs (OFCCP) or the local office of the Equal Employment Opportunity Commission for the necessary forms.

(8) The Contractor shall permit access to its premises, during normal business hours, by the contracting agency or the OFCCP for the purpose of conducting on-site compliance evaluations and complaint investigations. The Contractor shall permit the Government to inspect and copy any books, accounts, records (including computerized records), and other material that may be relevant to the matter under investigation and pertinent to compliance with Executive Order 11246, as amended, and rules and regulations that implement the Executive Order.

(9) If the OFCCP determines that the Contractor is not in

compliance with this clause or any rule, regulation, or order of the Secretary of Labor, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts, under the procedures authorized in Executive Order 11246, as amended. In addition, sanctions may be imposed and remedies invoked against the Contractor as provided in Executive Order 11246, as amended; in the rules, regulations, and orders of the Secretary of Labor; or as otherwise provided by law.

(10) The Contractor shall include the terms and conditions of subparagraphs (b)(1) through (11) of this clause in every subcontract or purchase order that is not exempted by the rules, regulations, or orders of the Secretary of Labor issued under Executive Order 11246, as amended, so that these terms and conditions will be binding upon each subcontractor or vendor.

(11) The Contractor shall take such action with respect to any subcontract or purchase order as the Contracting Officer may direct as a means of enforcing these terms and conditions, including sanctions for noncompliance, provided, that if the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of any direction, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

(c) Notwithstanding any other clause in this contract, disputes relative to this clause will be governed by the procedures in 41 CFR 60-1.1.

**I.8 EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (FAR 52.222-35) (DEC 2001)**

(a) Definitions. As used in this clause-

"All employment openings" means all positions except executive and top management, those positions that will be filled from within the Contractor's organization, and positions lasting 3 days or less. This term includes full-time employment, temporary employment of more than 3 days duration, and part-time employment.

"Executive and top management" means any employee-

(1) Whose primary duty consists of the management of the enterprise in which the individual is employed or of a customarily recognized department or subdivision thereof;

(2) Who customarily and regularly directs the work of two or more other employees;

(3) Who has the authority to hire or fire other employees or whose suggestions and recommendations as to the hiring or

firing and as to the advancement and promotion or any other change of status of other employees will be given particular weight;

(4) Who customarily and regularly exercises discretionary powers; and

(5) Who does not devote more than 20 percent or, in the case of an employee of a retail or service establishment, who does not devote more than 40 percent of total hours of work in the work week to activities that are not directly and closely related to the performance of the work described in paragraphs (1) through (4) of this definition. This paragraph (5) does not apply in the case of an employee who is in sole charge of an establishment or a physically separated branch establishment, or who owns at least a 20 percent interest in the enterprise in which the individual is employed.

"Other eligible veteran" means any other veteran who served on active duty during a war or in a campaign or expedition for which a campaign badge has been authorized.

"Positions that will be filled from within the Contractor's organization" means employment openings for which the Contractor will give no consideration to persons outside the Contractor's organization (including any affiliates, subsidiaries, and parent companies) and includes any openings the Contractor proposes to fill from regularly established "recall" lists. The exception does not apply to a particular opening once an employer decides to consider applicants outside of its organization.

"Qualified special disabled veteran" means a special disabled veteran who satisfies the requisite skill, experience, education, and other job-related requirements of the employment position such veteran holds or desires, and who, with or without reasonable accommodation, can perform the essential functions of such position.

"Special disabled veteran" means-

(1) A veteran who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Department of Veterans Affairs for a disability-

(i) Rated at 30 percent or more; or

(ii) Rated at 10 or 20 percent in the case of a veteran who has been determined under 38 U.S.C. 3106 to have a serious employment handicap (i.e., a significant impairment of the veteran's ability to prepare for, obtain, or retain employment consistent with the veteran's abilities, aptitudes, and interests); or

(2) A person who was discharged or released from active duty because of a service-connected disability.

"Veteran of the Vietnam era" means a person who-

(1) Served on active duty for a period of more than 180 days and was discharged or released from active duty with other than a dishonorable discharge, if any part of such active duty occurred-

(i) In the Republic of Vietnam between February 28, 1961, and May 7, 1975; or

(ii) Between August 5, 1964, and May 7, 1975, in all other cases; or

(2) Was discharged or released from active duty for a service-connected disability if any part of the active duty was performed-

(i) In the Republic of Vietnam between February 28, 1961, and May 7, 1975; or

(ii) Between August 5, 1964, and May 7, 1975, in all other cases.

(b) General.

(1) The Contractor shall not discriminate against the individual because the individual is a special disabled veteran, a veteran of the Vietnam era, or other eligible veteran, regarding any position for which the employee or applicant for employment is qualified. The Contractor shall take affirmative action to employ, advance in employment, and otherwise treat qualified special disabled veterans, veterans of the Vietnam era, and other eligible veterans without discrimination based upon their disability or veterans' status in all employment practices such as-

(i) Recruitment, advertising, and job application procedures;

(ii) Hiring, upgrading, promotion, award of tenure, demotion, transfer, layoff, termination, right of return from layoff and rehiring;

(iii) Rate of pay or any other form of compensation and changes in compensation;

(iv) Job assignments, job classifications, organizational structures, position descriptions, lines of progression, and seniority lists;

(v) Leaves of absence, sick leave, or any other leave;

(vi) Fringe benefits available by virtue of employment, whether or not administered by the Contractor;

(vii) Selection and financial support for training, including apprenticeship, and on-the-job training under 38 U.S.C. 3687, professional meetings, conferences, and other related activities, and selection for leaves of absence to pursue training;

(viii) Activities sponsored by the Contractor including social or recreational programs; and

(ix) Any other term, condition, or privilege of employment.

(2) The Contractor shall comply with the rules, regulations, and relevant orders of the Secretary of Labor issued under the Vietnam Era Veterans' Readjustment Assistance Act of 1972 (the Act), as amended (38 U.S.C. 4211 and 4212).

(c) Listing openings.

(1) The Contractor shall immediately list all employment openings that exist at the time of the execution of this contract and those which occur during the performance of this contract, including those not generated by this contract, and including those occurring at an establishment of the Contractor other than the one where the contract is being performed, but excluding those of independently operated corporate affiliates, at an appropriate local public employment service office of the State wherein the opening occurs. Listing employment openings with the U.S. Department of Labor's America's Job Bank shall satisfy the requirement to list jobs with the local employment service office.

(2) The Contractor shall make the listing of employment openings with the local employment service office at least concurrently with using any other recruitment source or effort and shall involve the normal obligations of placing a bona fide job order, including accepting referrals of veterans and nonveterans. This listing of employment openings does not require hiring any particular job applicant or hiring from any particular group of job applicants and is not intended to relieve the Contractor from any requirements of Executive orders or regulations concerning nondiscrimination in employment.

(3) Whenever the Contractor becomes contractually bound to the listing terms of this clause, it shall advise the State public employment agency in each State where it has establishments of the name and location of each hiring location in the State. As long as the Contractor is contractually bound to these terms and

has so advised the State agency, it need not advise the State agency of subsequent contracts. The Contractor may advise the State agency when it is no longer bound by this contract clause.

(d) Applicability. This clause does not apply to the listing of employment openings that occur and are filled outside the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, American Samoa, Guam, the Virgin Islands of the United States, and Wake Island.

(e) Postings.

(1) The Contractor shall post employment notices in conspicuous places that are available to employees and applicants for employment.

(2) The employment notices shall-

(i) State the rights of applicants and employees as well as the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified employees and applicants who are special disabled veterans, veterans of the Vietnam era, and other eligible veterans; and

(ii) Be in a form prescribed by the Deputy Assistant Secretary for Federal Contract Compliance Programs, Department of Labor (Deputy Assistant Secretary of Labor), and provided by or through the Contracting Officer.

(3) The Contractor shall ensure that applicants or employees who are special disabled veterans are informed of the contents of the notice (e.g., the Contractor may have the notice read to a visually disabled veteran, or may lower the posted notice so that it can be read by a person in a wheelchair).

(4) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement, or other contract understanding, that the Contractor is bound by the terms of the Act and is committed to take affirmative action to employ, and advance in employment, qualified special disabled veterans, veterans of the Vietnam era, and other eligible veterans.

(f) Noncompliance. If the Contractor does not comply with the requirements of this clause, the Government may take appropriate actions under the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.

(g) Subcontracts. The Contractor shall insert the terms of this clause in all subcontracts or purchase orders of \$25,000 or more unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Deputy

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Assistant Secretary of Labor to enforce the terms, including action for noncompliance.

**I.9 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES  
(FAR 52.222-42) (MAY 1989)**

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

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

Employee Class	Monetary Wage
Engineering Technician II	\$19.38
Engineering Technician I	\$17.55

**FRINGE BENEFITS**

Annual Leave - Receives 13 days paid leave for service up to 3 years; 20 days for 3 to 15 years service; and 26 days for 15 years service or over.

Sick Leave - Receives 13 days paid leave per year.

Holidays - Receives 10 paid holidays per year.

Health Insurance - Government pays up to 60% of health insurance.

Group Life Insurance - Government pays two-thirds of life insurance rate premiums.

Retirement - The Government provides three retirement plans identified as the Civil Service Retirement System (CSRS), the Federal Employees Retirement System (FERS), and the CSRS Offset. Under the CSRS, the Government contributes 7% of the employees' base pay towards the retirement benefit and 1.45% towards Medicare. Under the FERS, the Government contributes 11.4% of the employees' base pay towards a basic benefit plan, 6.2% to Social Security, 1.45% towards Medicare, and 1% (plus matching contributions of up to 4% of basic pay, depending on employees' contributions) to a thrift savings plan. Under the CSRS Offset, the Government contributes 0.8% of the employees' base pay towards the retirement benefit, 6.2% to Social Security, and 1.45% towards Medicare.

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

**I.10 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2)  
(FEB 1998)**

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

\_\_\_\_\_ <http://www.arnet.gov/far/> \_\_\_\_\_

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

**I.11 COMPUTER GENERATED FORMS (FAR 52.253-1) (JAN 1991)**

(a) Any data required to be submitted on a Standard or Optional Form prescribed by the Federal Acquisition Regulation (FAR) may be submitted on a computer generated version of the form, provided there is no change to the name, content, or sequence of the data elements on the form, and provided the form carries the Standard or Optional Form number and edition date.

(b) Unless prohibited by agency regulations, any data required to be submitted on an agency unique form prescribed by an agency supplement to the FAR may be submitted on a computer generated version of the form provided there is no change to the name, content, or sequence of the data elements on the form and provided the form carries the agency form number and edition date.

(c) If the Contractor submits a computer generated version of a form that is different than the required form, then the rights and obligations of the parties will be determined based on the content of the required form.

I.12 OMBUDSMAN (NFS 1852.215-84) (JUN 2000) (ALTERNATE I)  
(JUN 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, Christine Darden, direct inquires to Panice H. Clark, NASA Langley Research Center, Mail Stop 134, Hampton, VA 23681-2199; phone (757) 864-2522; facsimile (757) 864-8541; email Panice.H.Clark@nasa.gov .

Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at (202)358-0445, facsimile (202)358-3083, e-mail james.a.balinskas@nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(c) If this is a task or delivery order contract, the ombudsman shall review complaints from contractors and ensure they are afforded a fair opportunity to be considered, consistent with the procedures of the contract.

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**PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS**

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**SECTION J - LIST OF EXHIBITS AND ATTACHMENTS**

**EXHIBITS**

- Exhibit A            Contract Data Requirements List, 6 pages
- Exhibit B            Contract Security Classification Specification,  
DD Form 254, 2 pages
- Exhibit C            Register of Wage Determination, 11 pages
- Exhibit D            Government Furnished Equipment, 3 pages
- Exhibit E            Installation Provided Equipment, 2 pages
- Exhibit F            Safety and Health Plan

EXHIBIT A - CONTRACT DATA REQUIREMENTS LISTS

I. DOCUMENTATION PREPARATION/SUBMISSION INSTRUCTIONS

There are significant reporting requirements in each Element of the SOW that are not repeated in this exhibit. The Contractor is responsible for ensuring that all reporting requirements of the SOW are met in a timely and efficient manner. The reporting requirements detailed below are required in addition to those specified in the SOW.

**Initial Baseline Financial Management Report** -- The Contractor shall prepare a time-phased baseline financial management report, detailing by month how you plan to incur costs for the first 12-month interval of the total 5-year contract period, utilizing the NASA Form 533Q format. The report shall be prepared and submitted in accordance with instructions set forth on the reverse side of the 533Q form and NASA Policy and Guidelines (NPG) 9501.2D, "NASA Contractor Financial Management Reporting." The initial 533Q shall be submitted within 30 working days after the effective date of contract.

Financial baseline reports for each of the remaining 12-month intervals shall be submitted within 10 days of the anniversary of the effective date of this contract. The total estimated cost and direct labor hours reflected in the baseline report must equal the contract values for the total contract period. The report shall be updated, as required, during the contract performance by submission of revised pages for approval of the Contracting Officer. The financial baseline report shall be revised each time a contract modification is executed which increases or decreases the contract-estimated cost, for a reason other than an overrun. The report shall not be revised to include overrun costs.

If categories are unusual or period of delivery differs, obtain concurrence of Deputy CFO and cognizant Program Manager. (See NPD 9501.1G.)

A. Monthly Financial Management Report

a. The Contractor shall submit a monthly financial management report as provided by the NFS 1852.242-73 clause entitled "NASA Financial Management Reporting." This report shall be submitted utilizing NASA Form 533M, Monthly Contractor Financial Management Report, in accordance with submission instructions contained on the reverse side of the form.

b. For this task order contract, a 533M shall be provided for the levels indicated below:

1. Each Authorized Task

2. Contract Total. (Column 9b shall reflect total estimated cost of \$# plus fixed fee of \$#.)

3. Due not later than the 10th operating day following the close of the Contractor's accounting period being reported.

4. (Do not change the percentages shown below without concurrence of Deputy CFO-Reference FMM 9061-5A).

Each NF533M shall include a narrative explanation for variances exceeding +-5 percent between estimated dollars shown in the prior month and actual dollars shown in the current month at the total contract level. (For example, the estimated dollars shown for June in column 8a. in the May 533M and the actual June dollars shown in column 7a. in the June 533M.)

c. The minimum reporting categories specified in A. above shall be included in column 6 of this report.

In addition, cost details associated with the following elements shall be included in each of the above, if applicable.

- a. Direct Labor Hours
- b. Direct Labor Dollars
- c. Overhead
- d. G&A
- e. Subcontracts
- f. Material
- g. Travel
- h. Other ODCs
- i. Total Estimated Cost
- j. Fee
- k. Total Estimated Cost and Fee
- l. Fixed Price task orders\*

*\*533M reporting category is not required for Fixed Price IDIQ. However, the total value of all FP task orders shall be shown on the summary 533M to reflect total value of contract (i.e. estimated cost, and fixed price elements of the contract.)*

**B. Property in the Custody of Contractors (NASA FORM 1018)**

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

**C. Federal Contractor Veterans Employment Report**

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

D. Information Technology Security Implementation Plan

The Contractor shall submit the Security Implementation Plan required by contract clause H.12 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES no later than 30 days after award for Government approval. Approval is required by the NASA LaRC Center Chief Information Officer (CIO), and the Center Information Technology (IT) Security Manager.

E. Safety Reports

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

F. Notice of Violation Response

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

G. Evidence of Insurance

The Contractor shall submit evidence of the insurance coverage, required by the NASA Clause 1852.228-75 in Section H entitled "Minimum Insurance Coverage" (i.e., a Certificate of Insurance or other confirmation), to the Contracting Officer prior to performing under this contract. The Contractor shall also present such evidence to the Contracting Officer prior to commencement of performance under any options exercised, if applicable.

Paragraph I listed below is only applicable to those offerors who are not registered/certified at award.

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H. Quality System Documents (ISO 9001)

The Contractor shall submit the following ISO-compliant documents in accordance with H.8 no later than nine months from the effective date of contract:

1. Quality System Manual
2. Quality System Procedures - These procedures shall address:
  - (1) contract and subcontract management, (2) customer requirement review and execution, (3) task management, including work order generation and processing, (4) document control, (5) handling of customer supplied product, (6) corrective, preventive, and continuing improvement action systems, (7) training of employees, (8) customer satisfaction/performance measurement and (9) design control.

II. DOCUMENT DISTRIBUTION REQUIREMENTS

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

National Aeronautics and Space Administration  
Langley Research Center  
Attn: \_\_\_\_\_, Mail Stop 126  
Contract NNL05AA00B  
Hampton, VA 23681-2199

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

A--Contract Specialist/Contract Officer, Mail Stop 126

B--Contracting Officer Technical Representative, Attn: Alan Frizzell, Mail Stop 390

C--Cost Accounting, NF533@larc.nasa.gov

D--Safety and Facility Assurance Office, Mail Stop 421

E--Industrial Property Office, Mail Stop 377

F--According to instructions on form

G--Langley Management System Project Office, Mail Stop 438

H--Industry Assistance Representative, Mail Stop 144

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I—Center Information Technology Security Manager (CITSM),  
Mail Stop 124

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

<u>DOCUMENT:</u>	<u>LETTER CODE AND DISTRIBUTION</u>
Monthly Financial Management Report	A-1,B-1,C-1
Report of Property in the Custody of Contractors (NASA Form 1018)	E-1
Federal Contractor Veterans Employment Report (VETS-100)	G-1
IT Security Implementation Plan	A-1,B-1,I-1
Evidence of Insurance	A-1
Safety Reports	D-1
Notice of Violation Responses	D-1
Quality System Documents	A-1,B-1,G-1

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

EXHIBIT B - CONTRACT SECURITY CLASSIFICATION SPECIFICATION DD 254

DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION		1. CLEARANCE AND SAFEGUARDING		
(The requirements of the DoD Industrial Security Manual apply to all aspects of this effort)		a. FACILITY CLEARANCE REQUIRED <b>SECRET</b>		
		b. LEVEL OF SAFEGUARDING REQUIRED <b>NONE</b>		
2. THIS SPECIFICATION IS FOR: (X and complete as applicable)		3. THIS SPECIFICATION IS: (X and complete as applicable)		
<input checked="" type="checkbox"/>	a. PRIME CONTRACT NUMBER <b>NNL05AA00B</b>	<input type="checkbox"/>	a. ORIGINAL (Complete date in all cases) Date (YYMMDD) <b>050128</b>	
	b. SUBCONTRACT NUMBER	<input type="checkbox"/>	b. REVISED (Supersedes all previous specs) Revision No. Date (YYMMDD)	
	c. SOLICITATION OR OTHER NUMBER Due Date (YYMMDD)	<input type="checkbox"/>	c. FINAL (Complete item 5 in all cases) Date (YYMMDD)	
4. IS THIS A FOLLOW-ON CONTRACT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> 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? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes complete the following In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____				
6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)				
a. NAME, ADDRESS, AND ZIP CODE <b>Science and Technology Corporation 10 Basil Sawyer Drive Hampton, VA 23666</b>		b. CAGE CODE <b>2U795</b>	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) <b>DEFENSE SECURITY SERVICE PEMBROKE 5, SUITE 532 293 INDEPENDENCE BLVD VIRGINIA BEACH, VA 23462-5400</b>	
7. SUBCONTRACTOR				
a. NAME, ADDRESS, AND ZIP CODE		b. CAGE CODE	c. COGNIZANT SECURITY OFFICES (Name, Address, and Zip Code)	
8. ACTUAL PERFORMANCE				
a. LOCATION <b>NASA LANGLEY RESEARCH CENTER HAMPTON, VA 23561-2199</b>		b. CAGE CODE <b>N/A</b>	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) <b>N/A</b>	
9. GENERAL IDENTIFICATION OF THIS PROCUREMENT <b>ELECTRONIC AND FABRICATION SUPPORT</b>				
10. THIS CONTRACT WILL REQUIRE ACCESS TO:		11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:		
	YES	NO	YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		<input checked="" type="checkbox"/>	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	<input checked="" type="checkbox"/>
b. RESTRICTED DATA		<input checked="" type="checkbox"/>	b. RECEIVE CLASSIFIED DOCUMENTS ONLY	<input checked="" type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		<input checked="" type="checkbox"/>	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	<input checked="" type="checkbox"/>
d. FORMERLY RESTRICTED DATA		<input checked="" type="checkbox"/>	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	<input checked="" type="checkbox"/>
e. INTELLIGENCE INFORMATION:			e. PERFORM SERVICES ONLY	<input checked="" type="checkbox"/>
(1) Sensitive Compartmented Information (SCI)		<input checked="" type="checkbox"/>	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	<input checked="" type="checkbox"/>
(2) Non-SCI		<input checked="" type="checkbox"/>	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	<input checked="" type="checkbox"/>
f. SPECIAL ACCESS INFORMATION		<input checked="" type="checkbox"/>	h. REQUIRE A COMSEC ACCOUNT	<input checked="" type="checkbox"/>
g. NATO INFORMATION		<input checked="" type="checkbox"/>	i. HAVE A TEMPEST REQUIREMENT	<input checked="" type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION		<input checked="" type="checkbox"/>	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	<input checked="" type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION		<input checked="" type="checkbox"/>	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	<input checked="" type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION		<input checked="" type="checkbox"/>	l. OTHER (Specify) .	<input checked="" type="checkbox"/>
k. OTHER (Specify)				

DD Form 254, DEC 1999

Previous editions are obsolete

12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public release shall be submitted for approval prior to release.

Direct

Through (Specify):

**NASA LANGLEY RESEARCH CENTER, M/S 126, HAMPTON, VA 23681-2199**  
**ATTN: Elaine J. Powell (757) 864-2429**

To the Office of Public Affairs, National Aeronautics and Space Administration, Washington, DC 20546, for review.  
\*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any document/guidance/contracts referenced herein. Add additional pages as needed to provide complete guidance.)

**CLASSIFICATION GUIDANCE SHALL BE PROVIDED BY THE USER AGENCY AS NECESSARY.**

**THE CONTRACTOR HAS NO PERFORMANCE REQUIREMENTS INVOLVING ACTUAL GENERATION OR PRODUCTION OF CLASSIFIED NATIONAL SECURITY INFORMATION, HOWEVER, ACCESS TO CLASSIFIED INFORMATION WILL BE REQUIRED TO SUPPORT PERFORMANCE OF THIS CONTRACT.**

**THE CONTRACTOR FACILITY SECURITY OFFICER (FSO) SHALL VERIFY THE PERSONNEL SECURITY CLEARANCE STATUS OF EMPLOYEES SUPPORTING THIS CONTRACT VIA STANDARD VISIT REQUEST SUBMITTED ANNUALLY TO THE CERTIFIER IDENTIFIED IN SECTION 16. THE VISIT REQUEST SHALL INCLUDE CITIZENSHIP, THE LEVEL OF CLEARANCE, DATE OF CLEARANCE, INVESTIGATION TYPE AND DATE OF COMPLETION.**

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract. (If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

Yes  No

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the entity responsible for inspections. Use Item 13 if additional space is needed.)

Yes  No

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

b. TITLE

c. TELEPHONE (Include Area Code)

MICHAEL E. REAGAN

SECURITY SPECIALIST

757-864-9470

d. ADDRESS (include ZIP Code)

NASA LANGLEY RESEARCH CENTER  
M/S 450, ATTN: MICHAEL REAGAN  
HAMPTON VA 23681-2199

17. REQUIRED DISTRIBUTION

a. CONTRACTOR

b. SUBCONTRACTOR

c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR

d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION

e. ADMINISTRATIVE CONTRACTING OFFICER

f. OTHERS AS NECESSARY

g. SIGNATURE

DD Form 254 Reverse, DEC 1999

EXHIBIT C

94-2544 VA,NORFOLK 11/16/04

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

William W.Gross	Division of	Wage Determination No.: 1994-2544
Director	Wage Determinations	Revision No.: 30
		Date Of Last Revision: 11/10/2004

States: North Carolina, Virginia

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

\*\*Fringe Benefits Required Follow the Occupational Listing\*\*

OCCUPATION CODE – TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	8.38
01012 - Accounting Clerk II	10.58
01013 - Accounting Clerk III	13.17
01014 - Accounting Clerk IV	14.28
01030 - Court Reporter	14.23
01050 - Dispatcher, Motor Vehicle	12.73
01060 - Document Preparation Clerk	10.92
01070 - Messenger (Courier)	8.68
01090 - Duplicating Machine Operator	10.92
01110 - Film/Tape Librarian	10.56
01115 - General Clerk I	8.73
01116 - General Clerk II	10.75
01117 - General Clerk III	13.37
01118 - General Clerk IV	14.95
01120 - Housing Referral Assistant	17.27
01131 - Key Entry Operator I	10.04
01132 - Key Entry Operator II	12.64
01191 - Order Clerk I	12.24
01192 - Order Clerk II	16.02
01261 - Personnel Assistant (Employment) I	12.63
01262 - Personnel Assistant (Employment) II	14.59
01263 - Personnel Assistant (Employment) III	16.33
01264 - Personnel Assistant (Employment) IV	18.20
01270 - Production Control Clerk	19.21
01290 - Rental Clerk	12.49
01300 - Scheduler, Maintenance	13.00
01311 - Secretary I	14.30
01312 - Secretary II	16.65
01313 - Secretary III	19.00
01314 - Secretary IV	22.28

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01315 - Secretary V	23.39
01320 - Service Order Dispatcher	12.73
01341 - Stenographer I	11.56
01342 - Stenographer II	14.19
01400 - Supply Technician	20.25
01420 - Survey Worker (Interviewer)	12.02
01460 - Switchboard Operator-Receptionist	10.18
01510 - Test Examiner	15.14
01520 - Test Proctor	15.14
01531 - Travel Clerk I	9.92
01532 - Travel Clerk II	10.59
01533 - Travel Clerk III	11.30
01611 - Word Processor I	11.86
01612 - Word Processor II	14.30
01613 - Word Processor III	14.96
03000 - Automatic Data Processing Occupations	
03010 - Computer Data Librarian	10.35
03041 - Computer Operator I	12.14
03042 - Computer Operator II	14.02
03043 - Computer Operator III	17.37
03044 - Computer Operator IV	20.13
03045 - Computer Operator V	21.39
03071 - Computer Programmer I (1)	19.24
03072 - Computer Programmer II (1)	21.77
03073 - Computer Programmer III (1)	25.96
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	27.31
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	12.14
05000 - Automotive Service Occupations	
05005 - Automotive Body Repairer, Fiberglass	18.20
05010 - Automotive Glass Installer	16.60
05040 - Automotive Worker	16.60
05070 - Electrician, Automotive	17.38
05100 - Mobile Equipment Servicer	15.00
05130 - Motor Equipment Metal Mechanic	18.20
05160 - Motor Equipment Metal Worker	16.60
05190 - Motor Vehicle Mechanic	18.20
05220 - Motor Vehicle Mechanic Helper	14.15
05250 - Motor Vehicle Upholstery Worker	15.78
05280 - Motor Vehicle Wrecker	16.60
05310 - Painter, Automotive	17.38
05340 - Radiator Repair Specialist	15.78
05370 - Tire Repairer	13.37
05400 - Transmission Repair Specialist	18.20
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	7.92
07010 - Baker	9.05
07041 - Cook I	8.43
07042 - Cook II	9.32
07070 - Dishwasher	7.42
07130 - Meat Cutter	12.69
07250 - Waiter/Waitress	7.56

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09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	21.23
09040 - Furniture Handler	13.34
09070 - Furniture Refinisher	16.03
09100 - Furniture Refinisher Helper	13.05
09110 - Furniture Repairer, Minor	14.56
09130 - Upholsterer	16.03
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	8.87
11060 - Elevator Operator	8.87
11090 - Gardener	10.19
11121 - House Keeping Aid I	7.59
11122 - House Keeping Aid II	9.73
11150 - Janitor	9.16
11210 - Laborer, Grounds Maintenance	9.52
11240 - Maid or Houseman	7.59
11270 - Pest Controller	11.63
11300 - Refuse Collector	11.02
11330 - Tractor Operator	9.71
11360 - Window Cleaner	9.71
12000 - Health Occupations	
12020 - Dental Assistant	11.31
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	13.79
12071 - Licensed Practical Nurse I	11.36
12072 - Licensed Practical Nurse II	12.75
12073 - Licensed Practical Nurse III	14.26
12100 - Medical Assistant	10.59
12130 - Medical Laboratory Technician	13.35
12160 - Medical Record Clerk	11.99
12190 - Medical Record Technician	13.15
12221 - Nursing Assistant I	7.77
12222 - Nursing Assistant II	8.74
12223 - Nursing Assistant III	9.54
12224 - Nursing Assistant IV	10.69
12250 - Pharmacy Technician	11.84
12280 - Phlebotomist	12.32
12311 - Registered Nurse I	19.72
12312 - Registered Nurse II	23.42
12313 - Registered Nurse II, Specialist	23.42
12314 - Registered Nurse III	28.34
12315 - Registered Nurse III, Anesthetist	28.34
12316 - Registered Nurse IV	33.96
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	14.23
13011 - Exhibits Specialist I	16.06
13012 - Exhibits Specialist II	19.51
13013 - Exhibits Specialist III	21.67
13041 - Illustrator I	17.63
13042 - Illustrator II	21.42
13043 - Illustrator III	23.78
13047 - Librarian	22.37
13050 - Library Technician	12.68
13071 - Photographer I	11.73
13072 - Photographer II	15.55
13073 - Photographer III	18.89
13074 - Photographer IV	20.98

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13075 - Photographer V	25.39
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	7.07
15030 - Counter Attendant	7.07
15040 - Dry Cleaner	9.03
15070 - Finisher, Flatwork, Machine	7.07
15090 - Presser, Hand	7.07
15100 - Presser, Machine, Drycleaning	7.07
15130 - Presser, Machine, Shirts	7.07
15160 - Presser, Machine, Wearing Apparel, Laundry	7.07
15190 - Sewing Machine Operator	9.68
15220 - Tailor	10.33
15250 - Washer, Machine	7.72
19000 - Machine Tool Operation and Repair Occupations	
19010 - Machine-Tool Operator (Toolroom)	18.75
19040 - Tool and Die Maker	20.78
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	15.62
21020 - Material Coordinator	19.21
21030 - Material Expediter	19.21
21040 - Material Handling Laborer	9.88
21050 - Order Filler	10.15
21071 - Forklift Operator	14.07
21080 - Production Line Worker (Food Processing)	13.56
21100 - Shipping/Receiving Clerk	11.48
21130 - Shipping Packer	12.10
21140 - Store Worker I	10.29
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	12.94
21210 - Tools and Parts Attendant	14.93
21400 - Warehouse Specialist	14.36
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	20.68
23040 - Aircraft Mechanic Helper	15.24
23050 - Aircraft Quality Control Inspector	21.60
23060 - Aircraft Servicer	16.99
23070 - Aircraft Worker	17.87
23100 - Appliance Mechanic	17.63
23120 - Bicycle Repairer	13.37
23125 - Cable Splicer	20.32
23130 - Carpenter, Maintenance	16.03
23140 - Carpet Layer	17.61
23160 - Electrician, Maintenance	20.86
23181 - Electronics Technician, Maintenance I	18.11
23182 - Electronics Technician, Maintenance II	18.52
23183 - Electronics Technician, Maintenance III	19.84
23260 - Fabric Worker	14.56
23290 - Fire Alarm System Mechanic	16.79
23310 - Fire Extinguisher Repairer	13.84
23340 - Fuel Distribution System Mechanic	18.95
23370 - General Maintenance Worker	15.31
23400 - Heating, Refrigeration and Air Conditioning Mechanic	16.79
23430 - Heavy Equipment Mechanic	16.79
23440 - Heavy Equipment Operator	16.79
23460 - Instrument Mechanic	16.79
23470 - Laborer	10.02
23500 - Locksmith	18.17

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23530 - Machinery Maintenance Mechanic	18.43
23550 - Machinist, Maintenance	16.79
23580 - Maintenance Trades Helper	13.05
23640 - Millwright	20.58
23700 - Office Appliance Repairer	16.03
23740 - Painter, Aircraft	18.24
23760 - Painter, Maintenance	16.03
23790 - Pipefitter, Maintenance	18.69
23800 - Plumber, Maintenance	17.84
23820 - Pneudraulic Systems Mechanic	16.79
23850 - Rigger	16.79
23870 - Scale Mechanic	15.31
23890 - Sheet-Metal Worker, Maintenance	16.79
23910 - Small Engine Mechanic	15.31
23930 - Telecommunication Mechanic I	16.79
23931 - Telecommunication Mechanic II	20.16
23950 - Telephone Lineman	16.79
23960 - Welder, Combination, Maintenance	16.79
23965 - Well Driller	16.79
23970 - Woodcraft Worker	16.79
23980 - Woodworker	13.84
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	7.32
24580 - Child Care Center Clerk	11.32
24600 - Chore Aid	6.93
24630 - Homemaker	10.88
25000 - Plant and System Operation Occupations	
25010 - Boiler Tender	17.76
25040 - Sewage Plant Operator	17.81
25070 - Stationary Engineer	17.76
25190 - Ventilation Equipment Tender	14.36
25210 - Water Treatment Plant Operator	17.81
27000 - Protective Service Occupations	
(not set) - Police Officer	17.47
27004 - Alarm Monitor	13.15
27006 - Corrections Officer	13.60
27010 - Court Security Officer	14.67
27040 - Detention Officer	13.60
27070 - Firefighter	13.99
27101 - Guard I	9.30
27102 - Guard II	11.13
28000 - Stevedoring/Longshoremen Occupations	
28010 - Blocker and Bracer	15.07
28020 - Hatch Tender	15.07
28030 - Line Handler	15.07
28040 - Stevedore I	15.44
28050 - Stevedore II	16.96
29000 - Technical Occupations	
21150 - Graphic Artist	18.24
29010 - Air Traffic Control Specialist, Center (2)	30.50
29011 - Air Traffic Control Specialist, Station (2)	21.03
29012 - Air Traffic Control Specialist, Terminal (2)	23.16
29023 - Archeological Technician I	13.29
29024 - Archeological Technician II	14.95
29025 - Archeological Technician III	18.46
29030 - Cartographic Technician	20.13

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29035 - Computer Based Training (CBT) Specialist/ Instructor	27.31
29040 - Civil Engineering Technician	18.89
29061 - Drafter I	11.71
29062 - Drafter II	13.18
29063 - Drafter III	16.56
29064 - Drafter IV	20.13
29081 - Engineering Technician I	15.58
29082 - Engineering Technician II	16.67
29083 - Engineering Technician III	20.54
29084 - Engineering Technician IV	24.87
29085 - Engineering Technician V	29.05
29086 - Engineering Technician VI	35.89
29090 - Environmental Technician	16.43
29100 - Flight Simulator/Instructor (Pilot)	27.62
29160 - Instructor	21.28
29210 - Laboratory Technician	16.35
29240 - Mathematical Technician	20.13
29361 - Paralegal/Legal Assistant I	12.85
29362 - Paralegal/Legal Assistant II	15.60
29363 - Paralegal/Legal Assistant III	19.09
29364 - Paralegal/Legal Assistant IV	23.09
29390 - Photooptics Technician	20.13
29480 - Technical Writer	22.30
29491 - Unexploded Ordnance (UXO) Technician I	19.38
29492 - Unexploded Ordnance (UXO) Technician II	23.45
29493 - Unexploded Ordnance (UXO) Technician III	28.11
29494 - Unexploded (UXO) Safety Escort	19.38
29495 - Unexploded (UXO) Sweep Personnel	19.38
29620 - Weather Observer, Senior (3)	18.44
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	17.04
29622 - Weather Observer, Upper Air (3)	17.04
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	11.43
31260 - Parking and Lot Attendant	7.69
31290 - Shuttle Bus Driver	11.11
31300 - Taxi Driver	10.29
31361 - Truckdriver, Light Truck	11.11
31362 - Truckdriver, Medium Truck	12.17
31363 - Truckdriver, Heavy Truck	14.64
31364 - Truckdriver, Tractor-Trailer	14.64
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	7.99
99030 - Cashier	7.67
99041 - Carnival Equipment Operator	10.11
99042 - Carnival Equipment Repairer	10.61
99043 - Carnival Worker	7.20
99050 - Desk Clerk	8.30
99095 - Embalmer	17.93
99300 - Lifeguard	9.77
99310 - Mortician	23.11
99350 - Park Attendant (Aide)	12.25
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	9.04
99500 - Recreation Specialist	14.85
99510 - Recycling Worker	13.50
99610 - Sales Clerk	9.40
99620 - School Crossing Guard (Crosswalk Attendant)	9.62

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99630 - Sport Official	8.49
99658 - Survey Party Chief (Chief of Party)	15.04
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	13.67
99660 - Surveying Aide	9.39
99690 - Swimming Pool Operator	11.69
99720 - Vending Machine Attendant	11.47
99730 - Vending Machine Repairer	13.44
99740 - Vending Machine Repairer Helper	11.47

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ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.59 per hour computed on the basis of all hours worked by service employees employed on the contract.

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

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

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

- 1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)
- 2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.
- 3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordinance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or

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explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**\*\* UNIFORM ALLOWANCE \*\***

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

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

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

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R. 5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the

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

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

Conformance Process:

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

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

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

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

**EXHIBIT D**  
LIST OF GOVERNMENT-FURNISHED PROPERTY

TAG NUMBER	ITEM DESCRIPTION	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	JASA PROPERTY NUMBER	UNIT COST	SOURCE OF ITEM
1082	CRIMP TOOL KITS	DANIELS	DMC220		1256869	1754	PC/GE 1447
1086	PUNCH/ANVIL SET 15PC	TERIONIC CORP		1500		150	PC/GE 1538
1092	GUN, ZAP	RAYCHEM	IR500	7038		350	PC/GE 1601
1126	GUN, ZAP	RAYCHEM	IR500	07848		350	PC/GE 1804
1132	GUN, ZAP	RAYCHEM	IR500	08184		350	PC/GE 1839
1152	STATICMETER	ANDERSON EFFECTS	DCA1200/1	4234		295	PC/GE 2029
1182	SLEEVE CUTTER	MCDONALD & CO.	SC202B			360	PC/GE 2415
1290	WIRE MESURING UNIT	HYKON	220	42681		93	PC/GE 1407
1291	DISPENSER, WIRE	GREENLEE	909			294	PC/GE 1715
1337	SOLDER REMOVER	PACE	SX/301	3258		635	PC/GE 2069
1350	ILLUMINATOR F/O	BAUSCH & LOMB	313050			588	PC/GE 2632
1351	WRIST STRAP TESTER	3M	716	71616896		373	PC/GE 2741
1359	MICROSCOPE	BAUSCH & LOMB	SVC125	2190	1256811	450	PC/GE 5108
1533	CHEST, TOOL	SEARS	9GT6510C			228	PC/GE 1679
1542	TESTER CABLE	INMAC	301	01/00721		279	PC/GE 2320
1551	POUCH LAMINATOR	IBICO	PL-140IC	1407-0507		199	PC/GE 3037
1607	CRIMP TOOL KITS	DANIELS	DMC220		1256870	1754	PC/GE 1443
1613	SPLICING KIT, W/TOOLS	GTE PRODUCTS CANADA	900546/536		1256871	2720	PC/GE 2105
1614	SLEEVE CUTTER	LITTLE JOE	SC102	9256		130	PC/GE 2414
1615	LABLE PRINTER	BRADY MARKER	BXMC-1	14253		985	PC/GE 2554
1617	TOOL KIT	ASTRO	ATK4003	51800007		716	PC/GE 2640
1626	MICROSCOPE	BAUSCH & LOMB	SVC125			568	PC/GE 1096
1630	SOLDER REMOVER	PACE	PPS5	7681		475	PC/GE 1570
1639	DESOLDERING SYSTEM	PACE	MBT210	4102		924	PC/GE 2921
1723	LIFT, HYDRAULIC	PRESTO ELECTRIC CO	PS262	0186	1256872	1978	PC/GE 2329
1724	BOOTH, PAINT/SPRAY	ALEMITE	3551T	V2		743	PC/GE 1441
1731	CABINET SAFETY	JUSTRITE	25720			448	PC/GE 3012
1733	MACHINE, SANDBLAST	ZERO	506665381	14542	1256868	2246	PC/GE 5079
1736	ROTO BOR (10PCS)	JACY ENGINEERING	RBA			341	PC/GE 1097
1737	ROTO BOR (8PCS)	JACY ENGINEERING CO	RBAD			447	PC/GE 1101
1739	DRILL PRESS	DUMORE	37021	83233084		690	PC/GE 1233
1740	DRILL PRESS	DUMORE	37021	83233086		690	PC/GE 1234
1742	DRILL PRESS	DUMORE	37021	83233088		690	PC/GE 1260
1743	SANDER	POWERMATIC	30A	430A003		869	PC/GE 1290
1744	BANDSAW	HOUDAILLE POWERMTIC	87	487375	1256855	1956	PC/GE 1291
1745	BRAKE, METAL	PEXTO	PX24A	375		690	PC/GE 1293
1749	BANDSAW WELDER	POWERMATIC	600	599118		451	PC/GE 1394
1765	COUNTER BOR SET	CLEVELAND	39			527	PC/GE 1703
1796	PUMP COMPRESSOR	GRAINGER WW INC	Z493		12568856	1165	PC/GE 2629
2100	FLAMMABLE, CABINET	JUSTRITE	25450			655	8789500033
2102	HAZ WSTE CABINET	JUSTRITE	61155			734	8789500036
2106	ILLUMINATOR F/O	BAUSCH & LOMB	313050			588	PC/GE 2633
2142	PRESS, LEVER	POPER WHITNEY	34	1086 11 92	1158910	2305	NA93123 5
2149	FIBER OPTIC TEST KIT	NOYSE	0LS-1-2			1495	8789500551
2192	LABEL PRINTER	BROTHER	PT 12	E39325165		140	88789500991
2242	FIRE PROOF LOCKER	JUSTRITE	4T196			600	NA95230 2
2243	FIRE PROOF LOCKER	JUSTRITE	4T196			600	NA95230 2
2244	OVEN	BLUE M	POM71406F	P38 25098	0549823	5797	NA95230 2
2246	RESISTIVITY METER	ACL INC	499375	A2		150	NA95230 2
2248	STATIC SENSOR	3M				522	NA95230 2
2252	MICROSCOPE	CAMBRIDGE	Z00M4		1091713	1490	NA95230 2
2256	LARGE FLAT FILE CAB	STANLEY/VIDMAR				380	NA95230 2
2257	VINYL CUTTER	IOLINE	STUDIO 8	M40941803	1262008	7120	NA95230 2
2259	ROLLER CUTTER	ALVIN	30			689	NA95230 2
2263	HOLDING RACK	EDSAL				159	NA95230 2
2264	LIGHT TABLE	GRADCO				224	NA95230 2

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TAG NUMBER	ITEM DESCRIPTION	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	JASA PROPERTY NUMBER	UNIT COST	SOURCE OF ITEM
2266	BENCH TOP OVEN	FISHER	349	645		1995	NA95230 2
2267	PRINTING TABLE	MICROJUST	2000UA	910		2904	NA95230 2
2268	GROUNDED PAINT LOCKE	EAGLE	1947			385	NA95230 2
2275	PUNCH, FILM					100	NA95230 2
2278	HALIDE EXP.UNIT	DOUTHITT	3002S			4950	NA95230 2
2280	DRYING RACK					500	NA95230 2
2281	FILM PROCESSOR	COMPUGRAPHICS	66	19 66A0859	1156296	7200	NA95230 2
2282	COPY CAMERA	NUARC	SS782024	3LU H92001	1156352	9896	NA95230 2
2284	ZIP PROCESSOR	METAL PHOTO	14 7	14 7 390		1890	NA95230 2
2286	EXPOSURE UNIT	NUARC	26 1K8LC	8LC D90067	G077373	1400	NA95230 2
2288	DRILL PRESS	DUMORE	37 021	8923 2445		690	NA95230 2
2292	SEALING TANK	METAL PHOTO	2024PST	2024ST571	1432194	1150	NA95230 2
2294	CONTACT PRINTER	NUARC	KB8	KB8 G91 02	1086286	1475	NA95230 2
2295	FILM CABINET	VIDMAR	4421		1084067	1928	NA95230 2
2296	TIMER/CONTOLLER	NUARC				200	NA95230 2
2297	RINSE RECIRCULATOR	AGFA	G29F0501	F2900176	1156201	500	NA95230 2
2299	LIGHT TABLE	SSTE	2024C3LU	3LU H9201		224	NA95230 2
2300	METAL SHEAR	DI ACRU	4	EB3183		100	NA95230 2
2301	ENGRAVING TABLE	NEW HERMES	V900EP	B00150/43	1255778	15807	NA95230 2
2302	ENGRAVING TABLE	NEW HERMES	V700EP	400872/44	1261023	11851	NA95230 2
2303	CABINET	VIDMAR				750	NA95230 2
2304	CABINET	VIDMAR				750	NA95230 2
2306	CABINET	VIDMAR				409	NA95230 2
2307	CABINET	VIDMAR				409	NA95230 2
2308	CABINET	VIDMAR				409	NA95230 2
2309	CABINET	VIDMAR				409	NA95230 2
2314	VACUUM SYSTEM	GAST	R1102C 14	493		468	NA95230 2
2315	VACUUM SYSTEM	GAST	R1102C 14	890		468	NA95230 2
2316	VACUUM SYSTEM	GST	R1102C 14	1293		468	NA95230 2
2317	SAW	NEW HERMES	100184			1500	NA95230 2
2318	SHEAR METAL	NEW HERMES				350	NA95230 2
2319	SHEAR PLASTIC	NEW HERMES				350	NA95230 2
2320	DRILL PRESS	ELTA	R9006			175	NA95230 2
2321	BEVELER	NEW HERMES	B4	B4 100335		500	NA95230 2
2322	BEVELER	NEW HERMES	B6	B6 910613		500	NA95230 2
2323	CUTTER, MAXI PRESS	ABILITY PLASTIC	MP9353			275	NA95230 2
2324	CORNER ROUNDER	ACCU CUTTER				250	NA95230 2
2329	VAC EXPOSURE FRAME	NAZ DAR	SPE0616			995	NA95230 2
2331	WASHOUT SINK					100	NA95230 2
2332	PRESSURE WASHER	AMER. SCREEN	K073			559	NA95230 2
2333	PUMP W/CART	AIR	SPE	0522V103G		200	NA95230 2
2335	FABRIC STRETCHER	DIAMOND CHASE				121	NA95230 2
2336	METER	NEWMAN	ST METER	1E		395	NA95230 2
2337	MICROSCOPE	BAUSCH & LAUMB	32 26 94	794	0472833	754	NA95230 2
2338	TABLE TOP SCALE	FISHER	XD 8KD	0056695	803558	1425	NA95230 2
2339	OVEN, TABLE TOP	FISHER	750G	10700028	1086388	1995	NA95230 2
2340	VACUUM PUMP	WELCH	1402	132387	1158092	1435	NA95230 2
2342	BEL JAR & GAUGE	DOW/TELEDYNE	VT 4	1310		1609	NA95230 2
2343	INSPECTION STATION	ULTRA VIOLET PRO	CX 50			1315	NA95230 2
2344	HYGROMETER	BACHARACH	22 7059			100	NA95230 2
2346	SCALE, TABLE TOP	FISHER	XD 8KD	1696	G078925	1696	NA95230 2
2349	SURFACE PLATE	DIGIMATIC	2010			279	NA95230 2
2350	CALIPERS	DIGAMATIC	CD 12P	7006878		529	NA95230 2
2355	DRAFTING TABLE	COMMANDO	ALVIN			500	NA953385 4
2356	REVOLVING DOOR	ARISTO				2500	NA953385 4
TOTAL ITEMS	111					142,691	

## EXHIBIT E

## INSTALLATION PROVIDED EQUIPMENT

	<u>Model #'s</u>	<u>Cost</u>	<u>Date Manufactured</u>
<b>BUILDING 1244D (ANNEX)</b>			
<b><u>PRESS BRAKES:</u></b>			
LVD, HYDRAULIC,	180/10	93840	1991
DI-ACRO, HYDRAULIC,	14-48-2	3695	1971
EUROMAC HORIZONTAL BRAKE, DIGIBEND	360	20382	1999
DREIS & KRUMP, HAND BRAKE,	BPU612-6	6101	1995
<b><u>PUNCH PRESSES:</u></b>			
STRIPPIT, MODEL SUPER	750SG-40	76577	1998
SCOTCHMAN FABRICATOR,	6509-24M	11740	2000
PUNCHING MACHINE, STRIPPIT	30-40HD	50891	1986
<b><u>SHRINKER / STRETCHER:</u></b>			
SHRINKER / STRETCHER, MARCHANT		15221	2002
SHRINKER / STRETCHER, MANUAL,	ACR	8635	1993
<b><u>BAND SAWS:</u></b>			
SAW, BAND, DOALL,	3613-2	24353	1995
SAW, BAND, ARMSTRONG-BLUMM,	8MARKII	13197	1996
<b><u>DRILL PRESSES:</u></b>			
JOHANNSON RADIAL-ARM,	6780	2265	1961
DAYTON PEDESTAL,	3Z713	4225	1997
MILWAUKEE, PORTABLE MAG. BASE,	4203	1520	2000
JANCY, PORTABLE MAG. BASE,	2000NV	1434	1990
<b><u>MILLING EQUIPMENT:</u></b>			
MILLING MACHINE, BRIDGEPORT,	1-2J	13652	1993
<b><u>LATHES:</u></b>			
LATHE, JEWELERS, DERBYSHIRE	2114	1070	1965
LATHE, SCREW CUTTING, MONARCH	10in x 20in	14430	1956
<b><u>METAL ROLLS:</u></b>			
LOWN SLIP ROLL BENDER,	G550	10861	1978

## EXHIBIT E

## INSTALLATION PROVIDED EQUIPMENT

	<u>Model #'s</u>	<u>Cost</u>	<u>Date Manufactured</u>
<b><u>SHEAR:</u></b>			
SHEAR, SHARP TOOL SERVICE,	2510	1249	1989
<b><u>MISCELLANEOUS:</u></b>			
ARBOR PRESS, DAKE	5-075	3398	1975
DIMPLER, ATI	7001 w/heat	2710	1957
SPINDLE SANDER, BOICE CRANE	20206	2012	1990
RIVETER, PNEUMATIC, CHERRY/TEXTRON	G784	2271	1992
ASHING FURNACE, FISHER SCIENTIFIC,	495	3850	1985
SKAT BLAST, DRY BLAST SYSTEM,	970	6973	1945
RIVETER, HUCK MFG,	226	1480	1987
<b><u>WELDING EQUIPMENT:</u></b>			
LINCOLN,	SA200/F163	3135	1982
LINCOLN,	TIG 300	2172	1982
SPOT WELDER, UNITEK	1-132-02	1577	1971
<b><u>SURFACE PLATE:</u></b>			
CHALLENGER 120x240in		3830	1947
<b><u>NON-CONTROLLED MANUAL EQUIP. (ROLLS, BRAKES, ETC.):</u></b>			
C/P PNEUMATIC RIVETER			
FROST ENGLISH WHEEL			
DI-ARCO TURRET PUNCH			
DI-ARCO FINGER BRAKE			
DI-ARCO HAND SHEAR			
DI-ARCO NOTCHER			
TENN SMITH NOTCHER			
MULTI-FORM BENDER, J.A.RICHARDS			
SIGOURNEY PRECISION DRILL			
SIGOURNEY PRECISION DRILL			

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**Exhibit F**

**SAFETY AND HEALTH PLAN**

EXHIBIT G - TURN-IN PENDING EQUIPMENT

Contract	TagNum	Description	Mfg	Model	Serial	NASAnum	Cost	Service	RcvdDate	Account	Location	C.N Status	StatusDate	DBDate
	1023	Cabinet W/Doors	Eucat	3060			\$180.00	PC/GE 2607	12/11/88	Anderson	F137	A TIP	2/28/2005	
	1023	Cabinet, Steel	Global	154656BTN			\$182.00	PC/GE 2589	11/11/88	Hopson	A105	A TIP	2/28/2005	
	1049	Cabinet, Storage	Harrowell				\$402.00	PC/GE 1288	11/11/88	Hopson	A104	A TIP	2/28/2005	
	1050	Cabinet W/9 Shelves	Edsal	8485424C			\$100.00	PC/GE 2611	12/11/88	Copeland	A127	A TIP	2/28/2005	
	1057	Table, Office	Robert Bros				\$130.00	PC/GE 1056	11/11/88	Davis	124	A TIP	2/28/2005	
	1052	Bench, Work	Hallowell	648462833			\$197.00	PC/GE 1127	11/11/88	Evington	F112	A TIP	2/28/2005	
	1053	Bench, Work	Hallowell	840162033			\$197.00	PC/GE 1137	11/11/88	Evington	F112	A TIP	2/28/2005	
	1074	Bench, Work	Hallowell	649452833			\$197.00	PC/GE 1207	11/11/88	Evington	F112	A TIP	2/28/2005	
	1075	Bench, Work	Hallowell	648462833			\$197.00	PC/GE 1210	11/11/88	Thomas	F122	A TIP	2/28/2005	
	1084	Bench, Work	Hallowell	6224530			\$354.00	PC/GE 1518	11/11/88	Evington	F112	A TIP	2/28/2005	
	1085	Tool, Wire Wasp	OK Mach. & Tool Co	EV68BF	3510		\$124.00	PC/GE 1534	11/11/88	Evington	F112	A TIP	2/28/2005	
	1085	Bench, Work Riser	Hallowell	1608010			\$32.00	PC/GE 1640	11/11/88	Evington	F112	A TIP	2/28/2005	
	1089	Bench, Work Riser	Hallowell	1038010			\$32.00	PC/GE 1642	11/11/88	Evington	F112	A TIP	2/28/2005	
	1105	Permafrazz, Mini	Raychem	IR0168	313		\$632.00	PC/GE 1680	11/11/88	Evington	F112	A TIP	2/28/2005	
	1123	Tool, Wire Wasp	OK Mach. & Tool Co.	EW88BF	3532		\$128.00	PC/GE 1789	11/11/88	Evington	F112	A TIP	2/28/2005	
	1163	Press, Lead Forming	Fanucor Industries	TOF-3			\$2,100.00	PC/GE 2473	11/11/88	Evington	F138	A TIP	2/28/2005	
	1188	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2535	10/11/88	Evington	F112	A TIP	2/28/2005	
	1189	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2536	10/11/88	Evington	F112	A TIP	2/28/2005	
	1190	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2537	10/11/88	Evington	F112	A TIP	2/28/2005	
	1191	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2538	10/11/88	Evington	F112	A TIP	2/28/2005	
	1192	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2539	10/11/88	Evington	F112	A TIP	2/28/2005	
	1193	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2540	10/11/88	Evington	F112	A TIP	2/28/2005	
	1194	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2541	10/11/88	Evington	F112	A TIP	2/28/2005	
	1195	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2542	10/11/88	Evington	F112	A TIP	2/28/2005	
	1196	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2543	10/11/88	Evington	F112	A TIP	2/28/2005	
	1197	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2544	10/11/88	Evington	F112	A TIP	2/28/2005	
	1198	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2545	10/11/88	Evington	F112	A TIP	2/28/2005	
	1199	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2546	10/11/88	Evington	F112	A TIP	2/28/2005	
	1200	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2547	10/11/88	Evington	F112	A TIP	2/28/2005	
	1201	Bench, Work	Lisa	01746WS321			\$922.00	PC/GE 2548	10/11/88	Evington	F112	A TIP	2/28/2005	

1202	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2658	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1203	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2679	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1204	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2671	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1205	Bench, Work	Usa9	01746WS321	\$622.00	PC/GE 2672	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1206	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2673	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1207	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2674	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1208	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2675	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1209	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2676	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1210	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2677	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1211	Bench, Work	Usa9	01746WS321	\$822.00	PC/GE 2678	10/11/1988	Elvington	F112	A	TIP	2/28/2005
1216	Cabinet With Doors	Edsal	3000	\$160.00	PC/GE 2602	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1217	Cabinet With Doors	Edsal	3000	\$160.00	PC/GE 2603	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1218	Cabinet With Doors	Edsal	3000	\$160.00	PC/GE 2605	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1219	Cabinet With Doors	Edsal	3000	\$160.00	PC/GE 2608	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1220	Cabinet With Doors	Edsal	3000	\$160.00	PC/GE 2609	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1221	Cabinet With Shelves	Edsal	95564/24C	\$109.00	PC/GE 2609	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1222	Cabinet With Shelves	Edsal	95564/24C	\$109.00	PC/GE 2610	12/11/1988	Elvington	F112	A	TIP	2/28/2005
1261	Remainder	Roxthem	71LS208AK11 2644	\$500.00	PC/GE 3032	10/31/1981	Elvington	F112	A	TIP	2/28/2005
1263	Shelving, Utility	Hallowell	56017218	\$89.00	PC/GE 1319	1/11/1988	Elvington	F110	A	TIP	2/28/2005
1262	Shelving, Utility	Hallowell	56017218	\$90.00	PC/GE 1092	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1263	Shelving, Utility	Hallowell	56017218	\$90.00	PC/GE 1093	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1264	Shelving, Utility	Hallowell	56017218	\$89.00	PC/GE 1270	1/11/1988	Elvington	F133	A	TIP	2/28/2005
1265	Shelving, Utility	Hallowell	56017218	\$99.00	PC/GE 1271	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1266	Shelving, Utility	Hallowell	56017218	\$99.00	PC/GE 1212	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1267	Shelving, Utility	Hallowell	56017218	\$99.00	PC/GE 1273	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1268	Shelving, Utility	Hallowell	56017218	\$99.00	PC/GE 1274	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1269	Shelving, Utility	F.E.S.		\$67.00	PC/GE 5113	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1264	Shelving, Utility	F.E.S.		\$67.00	PC/GE 5114	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1267	Shelving, Utility	F.E.S.		\$67.00	PC/GE 5116	1/11/1988	Elvington	F121	A	TIP	2/28/2005
1268	Shelving, Utility	F.E.S.		\$28.00	PC/GE 1106	1/11/1988	Elvington	F133	A	TIP	2/28/2005

1300	Cabinet With Doors	Hallowell	55 10 10	154.00	PC/GE 1573	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1317	Shaving, Utility	F. E. S.		167.00	PC/GE 5115	1/1/1988	Elvington	F133	A	TIP	2/28/2005
1319	Bench, Work	Hallowell	649M52633	\$197.00	PC/GE 1128	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1322	Bench, Work	Hallowell	649M52033	\$187.00	PC/GE 1202	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1323	Bench, Work	Hallowell	649M52533	\$187.00	PC/GE 1204	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1324	Bench, Work	Hallowell	649M52633	\$187.00	PC/GE 1206	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1325	Bench, Work	Hallowell	649M52033	\$187.00	PC/GE 1208	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1328	Bench, Work	Hallowell	649M52533	\$187.00	PC/GE 1209	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1327	Bench, Work	Hallowell	622M53036	\$360.00	PC/GE 1512	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1328	Bench, Work Riser	Hallowell	1006010	\$32.00	PC/GE 1644	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1329	Bench, Work Riser	Hallowell	1006010	\$32.00	PC/GE 1646	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1330	Bench, Work Riser	Hallowell	1006010	\$32.00	PC/GE 1646	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1331	Bench, Work Riser	Hallowell	1006010	\$32.00	PC/GE 1647	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1332	Bench, Work Riser	Hallowell	1006010	\$38.00	PC/GE 1692	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1335	Cabinet, Storage	Cole	172	\$183.00	PC/GE 1925	1/1/1988	Elvington	F139	A	TIP	2/28/2005
1349	Cabinet With Doors	Edsall	3000	\$160.00	PC/GE 2604	12/1/1988	Elvington	F139	A	TIP	2/28/2005
1357	Sanding Station	Weller	EC2001	\$255.00	PC/GE 3908	3/6/1982	Elvington	F139	A	TIP	2/28/2005
1358	Sanding Station	Weller	EC2001	\$255.00	PC/GE 3909	3/6/1982	Elvington	F139	A	TIP	2/28/2005
1431	Drawer Unit	Dayton	ZW787	\$124.00	PC/GE 2048	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1432	Drawer Unit	Dayton	ZW787Z	\$124.00	PC/GE 2110	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1433	Drawer Unit	Dayton	ZW787Z	\$124.00	PC/GE 2111	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1434	Drawer Unit	Dayton	ZW787Z	\$124.00	PC/GE 2112	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1438	Drawer Unit	Dayton	ZW787Z	\$193.00	PC/GE 2412	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1439	Drawer Unit	Dayton	ZW787Z	\$138.00	PC/GE 2413	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1452	Cabinet, Storage	F. E. S.		\$29.00	PC/GE 5021	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1458	Cabinet, Storage	Hallowell	815518	\$89.00	PC/GE 5129	1/1/1988	Elvington	F112	A	TIP	2/28/2005
1492	Stand, Printer	Alfax	5159	\$154.00	PC/GE 1748	1/1/1988	Roaston	131	A	TIP	2/28/2005
1525	Shaving, Utility	Hallowell	815518	\$28.00	PC/GE 1105	1/1/1988	Jackson	F139	A	TIP	2/28/2005
1537	Cabinet, Storage	Hallowell	815518	\$62.00	PC/GE 1264	1/1/1988	Jackson	F139	A	TIP	2/28/2005
1532	Bench, Work Riser	Henry Merr	1066010	\$32.00	PC/GE 1643	1/1/1988	Jackson	F139	A	TIP	2/28/2005

1537	Bench, Work	Hallowell	649H52933	\$197.00	PC/GE 1776	1/11/1988	Jackson	F138	A	TIP	2/28/2005
1605	Ladder Step	Louisville	3AV142/B	\$140.00	PC/GE 2122	1/11/1988	Ward	B113	A	TIP	2/28/2005
1608	Cabinet, Storage	Hallowell	815S18	\$62.00	PC/GE 1572	1/11/1988	Ward	F112	A	TIP	2/28/2005
1609	Chest, Tool	Westward	11RC71	\$40.00	PC/GE 1572	6/11/2002	Ward	F112	A	TIP	2/28/2005
1616	Drawers, Cabinet	Oranek	5310165272	\$100.00	PC/GE 2598	1/11/1988	Ward	F112	A	TIP	2/28/2005
1621	Cabinet, Storage	F.E.S.		\$29.00	PC/GE 4020	1/11/1988	Ward	F112	A	TIP	2/28/2005
1647	Table, Office			\$120.00	PC/GE 1581	1/11/1988	Copeland	A101	A	TIP	2/28/2005
1653	Cabinet, Storage	Daxton		\$35.00	PC/GE 1829	1/11/1988	Copeland	A108	A	TIP	2/28/2005
1659	Cabinet	Hon	1481663	\$284.00	PC/GE 2973	8/17/1990	Copeland	A105	A	TIP	2/28/2005
1659	Table, Conference	Stocksape		\$206.00	PC/GE 1501	1/11/1988	Copeland	A106	A	TIP	2/28/2005
1691	Cabinet, Storage	Hallowell		\$62.00	PC/GE 1521	1/11/1988	Copeland	134	A	TIP	2/28/2005
1692	Cabinet, Storage	Hallowell	815S18	\$62.00	PC/GE 1523	1/11/1988	Copeland	135	A	TIP	2/28/2005
1721	Ladder, Fiberglass	Noland	1224	\$220.00	PC/GE 1637	1/11/1988	Thomas	F118	A	TIP	2/28/2005
1728	Bench, Work	Hallowell	649H52933	\$197.00	PC/GE 1205	1/11/1988	Thomas	F119	A	TIP	2/28/2005
1748	Bench, Work	Hallowell	605H53033	\$237.00	PC/GE 1317	1/11/1988	Thomas	F122	A	TIP	2/28/2005
1751	Bench, Work	Hallowell		\$402.00	PC/GE 1614	1/11/1988	Thomas	F122	A	TIP	2/28/2005
1752	Bench, Work	Hallowell		\$321.00	PC/GE 1515	1/11/1988	Thomas	F122	A	TIP	2/28/2005
1753	Bench, Work	Hallowell		\$364.00	PC/GE 1517	1/11/1988	Thomas	F116	A	TIP	2/28/2005
1770	Cabinet, Storage	Dayton		\$20.00	PC/GE 1743	1/11/1988	Thomas	F122	A	TIP	2/28/2005
1772	Drawer Unit	Hallowell		\$67.00	PC/GE 1766	1/11/1988	Thomas	F122	A	TIP	2/28/2005
1783	Light, Emergency	Duette	AS60PC 8204	\$231.00	PC/GE 2034	1/11/1988	Thomas	F122	A	TIP	2/28/2005
1784	Cabinet, Storage	F.E.S.		\$28.00	PC/GE 8016	1/11/1988	Thomas	F122	A	TIP	2/28/2005
2056	Bench, Work	Hallowell	059H53033	\$233.00	PC/GE 1509	1/11/1988	Davis	F130C	A	TIP	2/28/2005
2108	Master Rack, Wire			\$60.00	PC	1/11/1993	Elvington	F112	A	TIP	2/28/2005
2110	Shelving, Utility	F.E.S.		\$48.00	PC	1/11/1993	Elvington	F121	A	TIP	2/28/2005
2111	Shelving, Utility	F.E.S.		\$49.00	PC	1/11/1993	Elvington	F121	A	TIP	2/28/2005
2112	Shelving, Utility	F.E.S.		\$48.00	PC	1/11/1993	Elvington	F121	A	TIP	2/28/2005
2113	Shelving, Utility	F.E.S.		\$49.00	PC	1/11/1993	Elvington	F121	A	TIP	2/28/2005
2114	Shelving, Utility	F.E.S.		\$49.00	PC	1/11/1993	Elvington	F121	A	TIP	2/28/2005
2169	Lighting Workstation	Sino	4602WA	\$324.00	8786507502	3/4/1984	Copeland	A111	A	TIP	2/28/2005

2114	255MB Tape Backup	Coronado Tracker	JT2000	1890087A		\$399.00	CK #1692	4/27/1994	Davis	F129	A	TIP	2/28/2005
2240	Workbench	Wdmer	CCT			\$409.00	NA95230 2	9/15/1995	Davis	F129	A	TIP	2/28/2005
2247	Shop Tester					\$129.00	NA95230 2	9/15/1995	Davis	131	I	TIP	2/28/2005
2253	Inspection Light	Waldrick	STK215FN			\$350.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2256	Work Bench	Parent				\$233.00	NA95230 2	9/15/1995	Davis	F130A	A	TIP	2/28/2005
2260	Work Bench 3 Parts	StanleyWdmer				\$408.00	NA95230 2	9/15/1995	Davis	F130A	A	TIP	2/28/2005
2261	Work Bench 3 Parts	StanleyWdmer				\$409.00	NA95230 2	9/15/1995	Davis	F130A	A	TIP	2/28/2005
2269	Work Bench 3 Parts	StanleyWdmer				\$409.00	NA95230 2	9/15/1995	Davis	F130C	A	TIP	2/28/2005
2270	Monitor	Desk Top Displays	DDU 4128N	LK 0036	1261444	\$400.00	NA95230 2	9/15/1995	Davis	F131	A	TIP	2/28/2005
2271	Film Floater	Genfor	3244	380	81527	\$42,870.00	NA95230 2	9/15/1995	Davis	F132	A	M TIP	2/28/2005
2273	Chemical Cabinet					\$100.00	NA95230 2	9/15/1995	Davis	F130C	A	TIP	2/28/2005
2274	Monitor, Plicker	Link	MC2	ODY18500620	61528	\$5,100.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2276	Triple Beam Scale	Wdch				\$107.00	NA95230 2	9/15/1995	Davis	F129	A	TIP	2/28/2005
2277	Table Top Cabinet	Edsal				\$159.00	NA95230 2	9/15/1995	Davis	F130C	A	TIP	2/28/2005
2279	Shell Unit	Edsal				\$28.00	NA95230 2	9/15/1995	Davis	F130C	A	TIP	2/28/2005
2280	Storage Cabinet	Edsal				\$159.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2285	Oven	Fisher	ISOTEMP349			\$1,995.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2287	Merin	Vantronics	Elite 2000	JH10222371	1092871	\$1,895.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2288	Dehumidifier	Westinghouse	ED30846	JH04201800		\$266.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2326	Drill Portable	Devalt	37269			\$175.00	NA95230 2	9/15/1995	Davis	F129	A	TIP	2/28/2005
2327	Vacuum Cleaner	Mieleman	C826046	83505073		\$200.00	NA95230 2	9/15/1995	Davis	F130B	A	TIP	2/28/2005
2328	Vacuum Cleaner	Advental	PA500	153056		\$150.00	NA95230 2	9/15/1995	Davis	F130C	A	TIP	2/28/2005
2347	Inspection Light	Waldrick	STK215FN			\$360.00	NA95230 2	9/15/1995	Davis	F129	A	TIP	2/28/2005
2348	Analyzer	Ind. Science	TMX410	9404068 18	803418	\$1,659.00	NA95230 2	9/15/1995	Davis	F129	A	TIP	2/28/2005
2353	Storage Cabinet	Parent				\$159.00	NA95230 2	9/15/1995	Davis	F130C	A	TIP	2/28/2005
2354	File Cabinet	Supreme				\$100.00	NA95230 2	9/15/1995	Davis	F132	A	TIP	2/28/2005
2367	Cabinet	Edsal				\$169.00	NA953385 4	12/4/1995	Hopson	A105	A	TIP	2/28/2005
2423	Composting Bench	JCM	ELITE2000	JH10223367	1156210	\$1,865.00	NA95230 2	1/11/1996	Davis	F130A	A	TIP	2/28/2005
2451	R Larder	Werner	6008			\$96.00	PO4500940105	8/14/2002	Wdmer	F112	A	TIP	2/28/2005
						\$98,051.00							

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<b>DOD INDUSTRIAL PLANT EQUIPMENT REQUISITION</b>		REQUISITION NUMBER	Form Approved OMB No. 0704-0246 Expires Jan 31, 2003	
<p>The public reporting burden for this collection of information is estimated to average 1.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Service, Directorate for Information Operations and Reports (0704-0246), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p> <p><b>PLEASE DO NOT RETURN YOUR FORM TO THIS ADDRESS. RETURN COMPLETED FORM TO DEFENSE SUPPLY CENTER RICHMOND, ATTN: JH, 8000 JEFFERSON DAVIS HIGHWAY, RICHMOND, VA 28297-5100</b></p>				
<b>SECTION I - ITEM DESCRIPTION</b>				
1. COMMODITY CODE	2. MANUFACTURER Grizzly Industrial Inc.		3. MODEL NUMBER G9249	
4. STOCK NUMBER	5. POWER CODE	6. ESTIMATED COST 1850	7. PHYSICAL INSPECTION REQUIRED (X one) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
9. DESCRIPTION Lathe, Belt drive gap bed			8. PROCUREMENT SPECIFICATION ATTACHED (X one) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
CONTINUE UNDER REMARKS SECTION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
<b>SECTION II - ROUTING AGENCY/FACILITY/CONTRACTOR</b>				
10. NAME AND ADDRESS (Include ZIP code) Raytheon Technical Services Company 15 Research Drive Hampton, Va. 23666		11. CONTRACT NUMBER NAS1-98110	12. DATE (YYYYMMDD) 2005-Feb-01	13. COMMAND CODE
15. INTENDED USE Electronic Machining Support		16. DATE ITEM REQUIRED AT DESTINATION (YYYYMMDD) 2004-Dec-21		17. DATE CERT. N/A REQUIRED (YYYYMMDD)
19. BASIS FOR AUTHORIZATION (X one) <input checked="" type="checkbox"/> PRODUCTION <input type="checkbox"/> MOBILIZATION <input type="checkbox"/> REPLACEMENT		20. PROCUREMENT PLANNED (X one) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (if "YES," cite Appropriation)		21. REBUILD/OVERHAUL CANDIDATE <input type="checkbox"/> YES
22. TYPED NAME AND TITLE OF REQUESTING OFFICIAL Yvette Copeland Contract Manager, Raytheon		23. SIGNATURE OF REQUESTING OFFICIAL 		24. DATE (YYYYMMDD) 2005-Feb-24
25. CERTIFICATION OF NEED BY ADMINISTERING ACTIVITY		a. ADMINISTERING OFFICE CODE		
b. NAME AND ADDRESS (Include ZIP code) NASA, Langley Research Center Hampton, Va. 23681		c. TYPED NAME AND SIGNATURE OF PRODUCTION REPRESENTATIVE Alan W. Frizzell, COTR 		d. DATE (YYYYMMDD) 2005-Feb-24
		e. SIGNATURE OF ADMIN. CONTRACTING OFFICER Roberta Hollifield,		f. DATE (YYYYMMDD) 2005-Feb-24
<b>SECTION III - APPROVAL AUTHORITY</b>				
26. NAME AND ADDRESS (Include ZIP code) NASA, Langley Research Center Hampton, Va. 23681		27. TITLE, SYMBOL AND TELEPHONE NO. OF APPROVING OFFICIAL		
		28. TYPED NAME & SIGNATURE OF APPROVING OFFICIAL Susan Tillman		29. DATE (YYYYMMDD) 2005-Feb-24
<b>SECTION IV - ALLOCATION AND AUTHORITY TO INSPECT (To be completed by DSCR)</b>				
30. COMMODITY CODE	31. I.D./GOVERNMENT TAG NUMBER		32. DESCRIPTION (See attached copy of DD Form 1342 dated)	
33. PRESENT LOCATION (Name, address and ZIP Code)			34. SHIPPED TO (Name, address and ZIP Code)	
35. ESTIMATED TIME REQUIRED FOR SHIPMENT FROM DATE OF ACCEPTANCE (Enter number of days)				
a. AS IS CONDITION	b. TEST REQUIRED	c. REPAIR REQUIRED	d. REPAIR/OVERHAUL REQUIRED	e. STANDARD ATTACHMENT REQUIRED
36. TYPED NAME AND SIGNATURE OF ALLOCATING OFFICIAL			37. DATE (YYYYMMDD)	38. DATE OFFER EXPIRES (YYYYMMDD)
<b>SECTION V - NON-AVAILABILITY CERTIFICATE (To be completed by DSCR)</b>				
<p>3. This item described in Section I of this form has been screened by DSCR against the idle inventory of the Department of Defense and it is hereby certified as not available or cannot be delivered on or before the date specified in Section II (Item 16). Procurement action resulting from this Certification of Non-Availability must be initiated within 45 calendar days of the date included in this Section (Item 42) or completed rescreening is required. Equipment offered by DSCR in Section IV must be considered if the supplier cannot deliver new equipment before expiration of the period specified in Section IV (Item 35).</p>				
40. TYPED NAME AND SIGNATURE OF CERTIFYING OFFICIAL		41. DATE CERTIFICATE ISSUED (YYYYMMDD)	42. DATE CERTIFICATE EXPIRES (YYYYMMDD)	43. CERTIFICATE NUMBER

**SECTION VI - CERTIFICATION OF ACCEPTANCE**

44. THE ITEM ALLOCATED IN SECTION IV OF THIS FORM (X as applicable)

d. HAS BEEN PHYSICALLY INSPECTED AND IS ACCEPTABLE		b. IS ACCEPTABLE WITHOUT PHYSICAL INSPECTION	
c. IS ACCEPTED UNDER ONE OF THESE CONDITIONS:			
(1) AS IS CONDITION	(2) REPAIR REQUIRED	(3) TEST REQUIRED	(4) REBUILD/OVERHAUL REQUIRED
(5) OTHER			
d. IS NOT ACCEPTABLE (A complete description of conditions making item unacceptable must be stated under REMARKS below)			

45. TYPED NAME AND TITLE OF CERTIFYING OFFICIAL	46. SIGNATURE OF CERTIFYING OFFICIAL	47. DATE (YYYYMMDD)
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**SECTION VII - SPECIAL SHIPPING INSTRUCTIONS**

48. SHIP TO (Include ZIP Code)	49. FOR TRANSSHIPMENT TO (Include ZIP Code)
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50. MARK FOR

51. APPROPRIATION CHARGEABLE FOR	d. PAYING OFFICE/ACTIVITY NAME AND ADDRESS (Include ZIP Code)
a. PACKING/CRATING/HANDLING	
b. TRANSPORTATION	
c. OTHER	

52. SPECIAL DISTRIBUTION OF SHIPPING DOCUMENTS AND OTHER INSTRUCTIONS

**SECTION VIII - REMARKS**

53. REMARKS