

**PART I – THE SCHEDULE**  
**SECTION A**  
**SOLICITATION/CONTRACT FORM**

<b>SOLICITATION, OFFER AND AWARD</b>			1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 7900)		RATING	PAGE OF PAGES	
2. CONTRACT NUMBER GS-35L-0491L /NNS16AA25T		3. SOLICITATION NUMBER NNS15530376R		4. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)		5. DATE ISSUED 02/11/2015	
7. ISSUED BY National Aeronautics & Space Administration NASA Office of Procurement Stennis Space Center, MS 39529-6000				8. ADDRESS OFFER TO (if other than item 7) NASA Stennis Space Center Attn: Beth L. Bradley/NASA Office of Procurement, Bldg. 1100, Rm 257(G), Mail Code:DA20, Stennis Space Center, MS 39529-6000			
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".							
<b>SOLICITATION</b>							
9. Sealed offers in original and <u>FPR Letter</u> copies for furnishings the supplies or services in the schedule will be received at the place specified in item 8, or if hand carried, in the depository located in <u>FPR Letter</u> until <u>1500 CT</u> local time <u>01/20/2016</u>							
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 Beth L. Bradley		B. TELEPHONE (NO COLLECT CALLS) AREA CODE: 228, NUMBER: 688, EXT.: 1725		C. E-MAIL ADDRESS Beth.L.Bradley@nasa.gov	
11. TABLE OF CONTENTS							
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<b>OFFER (Must be fully completed by offeror)</b>							
NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.							
12. In compliance with the above, the undersigned agrees, if this offer is accepted within <u>270</u> calendar days (50 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 set opposite each item, delivered at the designated point(s), within the time specified in the schedule.							
13. DISCOUNT FOR PROMPT PAYMENT (See Section J, Clause No. 52.232-8)		10 CALENDAR DAYS (%)		20 CALENDAR DAYS (%)		30 CALENDAR DAYS (%)	
		N/A		N/A		N/A	
14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):				AMENDMENT NO.		DATE	
				1		3/4/2015	
				2		3/27/2015	
15A. NAME AND ADDRESS OF OFFEROR		CODE <u>00LN6</u> FACILITY		16. NAME AND THE TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)			
SaiTech, Inc. 10411 Motor City Drive Suite 670 Bethesda, MD 20817				Krishna Annambhotla Vice President			
15B. TELEPHONE NUMBER		<input type="checkbox"/> 15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.		17. SIGNATURE		18. OFFER DATE	
AREA CODE: 571, NUMBER: 321-0664, EXT.: 105				<i>Krishna Annambhotla</i>		01/20/2016	
<b>AWARD (To be completed by Government)</b>							
19. ACCEPTED AS TO ITEMS		20. AMOUNT \$9,743,127.00		21. ACCOUNTING AND APPROPRIATION 8016/170122			
22. AUTHORITY FOR USING OTHER THAN FULL 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 B.6			
24. ADMINISTERED BY (if other than item 7)				25. PAYMENT WILL BE MADE BY NSSC - FMD Accounts Payable Bldg. 1111, Jerry Hlass Rd Stennis Space Center, MS 39529			
26. NAME OF CONTRACTING OFFICER (Type or print) Beth L. Bradley				27. UNITED STATES OF AMERICA <i>Beth L. Bradley</i> (Signature of Contracting Officer)		28. AWARD DATE 3-28-16	
IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.							
AUTHORIZED FOR LOCAL REPRODUCTION Previous edition is unusable							
STANDARD FORM 33 (REV. 9-97) Prescribed by GSA - Far (48 CFR) 53.214 (c)							

**PART I – THE SCHEDULE**

**SECTION B**

**SUPPLIES OR SERVICES AND PRICE/COST**

**SUPPLIES OR SERVICES AND PRICE/COST****B.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

## 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

To minimize duplication, contract clauses already incorporated in the General Services Administration (GSA) Information Technology (IT) 70 Schedule solicitation are not listed in this request or the resultant award; however, GSA IT 70 Schedule contract clauses are applicable to this task order. Some duplicated clauses have been listed to ensure awareness of the latest version of that clause.

This solicitation incorporates one (1) 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. The Offeror is cautioned that the listed provisions may include blocks that must be completed by the Offeror and submitted with its quotation or offer. In lieu of submitting full text of those provisions, the Offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a clause may be accessed electronically at these addresses:

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

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

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES  
NONE INCORPORATED BY REFERENCE

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES  
NONE INCORPORATED BY REFERENCE

(End of Clauses Incorporated by Reference)

**B.2 SUPPLIES AND/OR SERVICES TO BE FURNISHED**

The Contractor shall provide all required services and resources (except as may be expressly stated in this contract as furnished by the Government) necessary to successfully provide and perform Information Technology Services (ITS) at the John C. Stennis Space Center (SSC) and other centers as identified in support of National Aeronautics and Space Administration (NASA) and other resident organizations at SSC in accordance with Attachment J-1, Performance Work Statement (PWS), and all other requirements as specified throughout the contract.

In addition, the Contractor shall provide all resources and services (except as may be expressly stated in this contract as furnished by the Government) necessary to successfully perform all phase-in activities in accordance with the Contract Phase-In Plan.

**B.3 CONTRACT TYPE**

This is a performance based Firm Fixed Price (FFP) contract that consists of: 1) a performance based FFP component and, 2) a FFP Level of Effort (LOE) component. The “Core” firm fixed price component consists of all requirements in Sections 1 through 6 of Attachment J-1, PWS, with the exception of Section 3.3 “End User Systems and Services” and Section 5.4.2 “Cable Infrastructure Services – Installation/Modification/Removal/Repair (IMRR).” “Estimated Workload Data” and the PWS specifications define the basis for quantity of services and systems in the Core FFP portion of the contract. The LOE portion of the contract shall be utilized on an “as needed basis” at the discretion of the Government. The LOE component is defined within section B.4.

The Not To Exceed (NTE) amount established for the LOE portion is an estimate and does not reflect an obligation of the Government. The estimate derived by the Government could change due to variations in workload; the Contracting Officer (CO) reserves the right to increase or decrease the estimate at any time. This decision is entirely within the discretion of the Government. The Contract Line Item Number (CLIN) structure and associated PWS Sections and contract type are as follows:

CLIN(s)	DESCRIPTION	CONTRACT TYPE	FILL-IN AMOUNT
1	Phase-In: Contractor shall complete all phase-in activities as required in the Contractor’s phase-in plan	FFP	(b)(4)
2	Base Period May 1, 2016 – September 30, 2017	FFP	
3	Option Period 1 October 1, 2017 – September 30, 2018	FFP	
4	Option Period 2 October 1, 2018 – September 30, 2019	FFP	
5	Option Period 3 October 1, 2019 – April 30, 2021	FFP	
6	Level of Effort See section B.4 (Utilized on an “as needed basis” throughout the life of the contract.)	LOE	
7	Travel- See section B.5 (Utilized and reimbursed on an “as needed basis” throughout the life of the contract.)	NTE	
GRAND TOTAL OF ALL CLINS FOR THE ENTIRE PERIOD OF PERFORMANCE TO INCLUDE LABOR, AND MAX POTENTIAL LIMITS ON LOE AND TRAVEL.			

**B.4 LEVEL OF EFFORT DESCRIPTION**

The Contractor shall provide the following technical services within the LOE portion of the contract (CLIN 6):

- (a) Additive quantities of services and systems above and beyond those defined in the workload indicators for Sections 1 through 6 of the PWS.
- (b) All requirements in Section 3.3 “End User Systems and Services.”
- (c) All requirements in Section 5.4.2 “Cable Infrastructure Services – IMRR.”

The Government estimated NTE level for CLIN 6 LOE activity is:

Government Plug Number	
Firm Fixed Price - Level of Effort Total Estimated Value For the Base Period and All Options	\$9,900,000

The Government provided Task Order Initiation System (TOIS) shall be used for initiation and acceptance of LOE task orders.

The Total Value established for the LOE portion of the contract is an estimate and does not reflect an obligation by the Government. The estimate derived by the Government could change due to variations in workload. The CO reserves the right to increase or decrease the estimate at any time. This decision is entirely within the discretion of the Government.

Rates for those labor classifications common to both FFP and LOE CLINS must be the same value (i.e. hourly rate for Computer Specialist I FFP equals hourly rate for Computer Specialist I LOE).

**B.5 TRAVEL**

Travel may be required to fulfill the requirements of the contract. Locations and durations of travel cannot be estimated at this time. Since specific travel requirements cannot be identified at this time, a travel budget of \$20,000 annually is established. The Contractor will only be reimbursed in accordance with the Federal Travel Regulations (FTR). Travel charges will only be calculated based upon the primary worksite of the Contractor employee traveling. All reimbursable travel must be authorized by the Contracting Officer’s Representative (COR) and CO prior to departure. Travel reimbursement will not be provided for work performed within a 50 mile radius of SSC. Travel reimbursement is not to include additional fees and/or profit.

Government Plug Number
Total Estimated Travel Value NTE \$20,000 Per Year

**B.6 INVOICES**



The requirements of a proper invoice must meet the requirements of the GSA schedule contract under which this Task Order was issued. The Contractor shall submit invoices no more frequently than monthly and reflect the price during the previous month. Any discounts for prompt payment must be clearly stated on the face of the invoice. The original invoice shall be submitted electronically via e-mail, faxed or mailed to the address listed below.

The Contractor shall submit invoices to the following address:

NASA Shared Services Center (NSSC)  
 Financial Management Division (FMD) – Accounts Payable  
 Bldg 1111, C. Road  
 Stennis Space Center, MS 39529  
 Email: [NSSC-AccountsPayable@nasa.gov](mailto:NSSC-AccountsPayable@nasa.gov)  
 Fax: 866-209-5415

**B.7 PERFORMANCE PERIOD AND OPTION YEARS**

The Contract has a base period of approximately one (1) year, five (5) months with two (2) one (1) year option periods and a final one (1) year, seven (7) months option period for a total contract period of five (5) years.

**Base Period:** May 1, 2016 – September 30, 2017  
**Option Year 1:** October 1, 2017 – September 30, 2018  
**Option Year 2:** October 1, 2018 – September 30, 2019  
**Option Year 3:** October 1, 2019 – April 30, 2021

(End of Clause)

**B.8 LIMITATIONS OF FUNDS FIXED PRICE CONTRACTS (NFS 1852.232-77) (MAR 1989)**

(a) Of the total price of items through \_\_\_\_\_, the sum of \$ \_\_\_\_\_ is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule, until the total price of said items is allotted:

<b>SCHEDULE FOR ALLOTMENT OF FUNDS</b>	
Date: TBD	Amounts: TBD

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) of this clause up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the

time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

- (c) (1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until \_\_\_\_\_.
- (2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the CO in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.
- (3) (i) The notice shall state the estimate when the point referred to in paragraph (c)(2) of this clause will be reached and the estimated amount of additional funds required to continue performance to the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it. (ii) The Contractor shall, 60 days in advance of the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, advise the CO in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.
- (4) If, after the notification referred to in paragraph (c)(3)(ii) of this clause, additional funds are not allotted by the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, the CO shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.
- (d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance to be covered by these funds. The provisions of paragraphs (b) and (c) of this clause shall apply to these additional allotted funds and the substituted date pertaining to them, and the contract shall be modified accordingly.
- (e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable adjustment shall be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.



- (f) The Government may at any time before termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.
- (g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a) of this clause. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.
- (h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of clause)

### **B.9 PRICING SCHEDULE**

Offerors shall utilize the table in section B.3 and the templates named L.1a Sheet 1, Sheet 2 and L.1b (FFP and LOE Price Templates) for pricing information. The templates will be returned completed as Volume III (Price Factor) of your proposal.

(End of Clause)

[END OF SECTION]

**PART I – THE SCHEDULE**

**SECTION C**

**DESCRIPTION/SPECIFICATION/WORK STATEMENT**

**DESCRIPTION/SPECIFICATIONS/WORK STATEMENT****C.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES  
NONE INCORPORATED BY REFERENCE

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES  
NONE INCORPORATED BY REFERENCE

(End of Clauses Incorporated By Reference)

**C.2 SCOPE OF WORK**

- (a) The Contractor shall furnish the necessary management, labor, materials and equipment (except as may be expressly stated in this contract as furnished by the Government) necessary to provide ITS for NASA, resident organizations and tenants at SSC as provided in the Request for Proposal (RFP). Sections A through J shall be incorporated in or made a part of the contract. The Contractor shall perform the work specified in Section J, Attachment 1 and other attachments in Section J of this contract. The work effort is performance-based.
- (b) These services outlined in the contract will be considered as the general scope of the contract and will not constitute nor be construed as a change within the meaning of the clause of this contract entitled "Changes—Fixed Price—Alternate III." However, if any written direction by the Government through the TOIS is considered by the Contractor to

be outside the scope of contractual obligation, the Contractor, before performing any effort pursuant to such Government direction, shall refer such questions to the CO for resolution.

(End of Clause)

[END OF SECTION]

**PART I – THE SCHEDULE**

**SECTION D**

**PACKAGING AND MARKING**

**PACKAGING AND MARKING****D.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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

1852.211-70 PACKAGING, HANDLING, AND TRANSPORTATION SEPT 2005

(End of Clause)

**D.2 IDENTIFICATION AND MARKING OF GOVERNMENT EQUIPMENT  
(NFS 1852.245-74) (JANUARY 2011)**

- (a) The Contractor shall identify all equipment to be delivered to the Government using NASA Technical Handbook (NASA-HDBK) 6003, Application of Data Matrix Identification Symbols to Aerospace Parts Using Direct Part Marking Methods/Techniques, and NASA Standard (NASA-STD) 6002, Applying Data Matrix Identification Symbols on Aerospace Parts or through the use of commercial marking techniques that: (1) are sufficiently durable to remain intact through the typical lifespan of the property and (2) contain the data and data format required by the standards. This requirement includes deliverable equipment listed in the schedule and other equipment when no longer required for contract performance and NASA directs physical transfer to NASA or a third party. The Contractor shall identify property in both machine and human readable

form unless the use of a machine readable-only format is approved by the NASA Industrial Property Officer.

- (b) Equipment shall be marked in a location that will be human readable, without disassembly or movement of the equipment, when the items are placed in service unless such placement would have a deleterious effect on safety or on the item's operation.
- (c) Concurrent with equipment delivery or transfer, the Contractor shall provide the following data in an electronic spreadsheet format:
  - (1) Item Description
  - (2) Unique Identification Number (License Tag)
  - (3) Unit Price
  - (4) An explanation of the data used to make the unique identification number
- (d) For equipment no longer needed for contract performance and physically transferred under paragraph (a) of this clause, the following additional data is required:
  - (1) Date originally placed in service
  - (2) Item condition
- (e) The data required in paragraphs (c) and (d) of this clause shall be delivered to the NASA Center receiving activity listed below:

NASA Transportation Officer Bldg. 2204  
ITS Contractor: \_\_\_\_\_  
John C. Stennis Space Center  
Stennis Space Center, MS 39529-6000  
Mark for: \_\_\_\_\_

- (f) The Contractor shall include the substance of this clause, including this paragraph (f), in all subcontracts that require delivery of equipment.

(End of Clause)

[END OF SECTION]



**PART I – THE SCHEDULE**

**SECTION E**

**INSPECTION AND ACCEPTANCE**

## INSPECTION AND ACCEPTANCE

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

#### 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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#### I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.246-2	INSPECTION OF SUPPLIES – FIXED PRICE	AUG 1996
52.246-13	INSPECTION-DISMANTLING, DEMOLITION OR REMOVAL OF IMPROVEMENTS	AUG 1996
52.246-16	RESPONSIBILITY FOR SUPPLIES	APR 1984
52.246-25	LIMITATION OF LIABILITY-SERVICES	FEB 1997

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

1852.246-72 MATERIAL INSPECTION AND RECEIVING REPORT AUG 2003  
(Fill-in 3 copies and 2 copies)

(End of Clause)

### **E.2 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (NFS 1852.246-71) (OCT 1988)**

In accordance with the Inspection Clause of this contract, the Government intends to perform the following functions at the locations indicated:

<u>Item</u>	<u>Quality Assurance Function</u>	<u>Location</u>
All Services	Wide Variety of Surveillance in accordance with the Quality Assurance Surveillance Plan (QASP) for requirements identified in the PWS and/or task order. Surveillance may be conducted by a CO, COR or Performance Monitor.	SSC and other locations as identified

(End of Clause)

### **E.3 SURVEILLANCE METHODS**

The Government may use a wide variety of surveillance methods to evaluate the Contractor's performance, as identified in the QASP. The QASP will be developed and implemented by the COR as a part of the contract administration and monitoring activities conducted to assure that the Government receives products and services that conform to contract requirements. The methods of surveillance that may be used include:

- (a) Record Review (RR). Plans, Reports and Schedules submitted by the Contractor will be reviewed for content to confirm that contractual requirements are planned, scheduled and reported as properly completed. The Contractor is also responsible for accurately reporting work that was either rescheduled or not completed. Work reported as not completed will be recorded and proper documentation and possible rework will be accomplished as appropriate.
- (b) Planned Inspections (PI). The Performance Monitors (PM) establish a predetermined plan for inspecting all or part of the work. Determination of a sample size is at the discretion of the Government. The planned approach of inspecting for performance may or may not be shared with the Contractor. Work reported as not completed will be recorded and proper documentation and possible re-work will be accomplished as appropriate.
- (c) Unplanned Inspection (UPI). This method is an unplanned inspection, usually carried out in conjunction with inspections of other Contract Requirements or in an impromptu fashion. UPI may be a supplement to other methods of surveillance or could cover a Contract Requirement if it is a relatively noncritical requirement and does not require inspection immediately upon completion. Observed deficiencies will be recorded and proper documentation and possible re-work will be accomplished as appropriate.
- (d) Validated Customer Complaints (VCC). This method consists of customers observing deficiencies in the services they expect to receive and reporting these deficiencies to the PM, COR and/or CO using a predetermined procedure. All reported potential deficiencies will be researched by the PM or COR with the customer and vetted through the CO within a reasonable time (depends on the nature of service) to determine the validity of the reported deficiency. Validated deficiencies will be recorded and proper documentation and possible rework will be accomplished as appropriate.

(End of Clause)

**E.4 QUALITY MANAGEMENT SYSTEM/ANSI/ISO/ASQ Q9001**

The Contractor shall implement, operate and maintain a Quality Management System in accordance with NASA Procedural Directive (NPD) 8730.5, *NASA Quality Assurance Program Policy*; Stennis Policy Directives (SPD) 1280.1, *SSC Management System Policy*; American National Standards Institute (ANSI) American Society for Quality (ASQ) ANSI/ISO/ASQ Q9001, *Quality Management Systems Requirements Standard* and SSC Environmental Management System (International Organization for Standardization (ISO) Standard 14001). The Contractor shall also provide personnel to support the internal audit processes.

(End of Clause)

[END OF SECTION]

**PART I – THE SCHEDULE**

**SECTION F**

**DELIVERIES OR PERFORMANCE**

**DELIVERIES OR PERFORMANCE****F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

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NONE INCORPORATED BY REFERENCE
- II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES  
NONE INCORPORATED BY REFERENCE

(End of Clause)

**F.2 PERIOD OF PERFORMANCE**

- (a) The basic period of performance of this contract shall be approximately one (1) year, five (5) months from May 1, 2016 through September 30, 2017.
- (b) In the event that option periods of performance are exercised pursuant to the terms of this contract, the period of performance for each option period shall be as set forth below:

Option Period 1	10/1/2017 – 09/30/2018
Option Period 2	10/1/2018 – 09/30/2019
Option Period 3	10/1/2019 – 04/30/2021

(End of Clause)

**F.3 PLACE OF PERFORMANCE**

The Contractor shall perform the work under this contract at the John C. Stennis Space Center, Stennis Space Center, Mississippi; other locations identified in the PWS; and at such other locations as may be approved in writing by the CO.

(End of Clause)

**F.4 DELIVERY REQUIREMENTS**

- (a) Data Requirements (DRs): All DRs shall be submitted in accordance with the reporting instructions identified in the Data Requirements Description (DRD) via the Stennis Contracts Deliverable System (SCDS).
- (b) Other Deliveries: Delivery shall be Freight on Board (FOB) destination to the facility listed below or as specified in individual task orders:

NASA Transportation Officer Bldg. 2204

ITS Contractor: \_\_\_\_\_

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

Mark for: \_\_\_\_\_

The Contractor shall retain full responsibility for deliveries and equipment handling, even if a Contractor's representative is not present during this process.

- (c) The Contractor shall notify the CO and the COR as soon as it becomes apparent to the Contractor that a scheduled delivery will be late. The Contractor shall include in the notification the rationale for late delivery, the expected date for the delivery and the project impact of the late delivery. The COR will review the new schedule and provide guidance to the Contractor.

(End of Clause)

[END OF SECTION]



**PART I – THE SCHEDULE**

**SECTION G**

**CONTRACT ADMINISTRATION DATA**

**CONTRACT ADMINISTRATION DATA****G.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

## 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

To minimize duplication, contract clauses already incorporated in the GSA IT 70 Schedule solicitation are not listed in this request or the resultant award; however, GSA IT 70 Schedule contract clauses are applicable to this task order. Some duplicated clauses have been listed to ensure awareness of the latest version of that clause.

This solicitation incorporates one (1) or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the CO will make their full text available. The Offeror is cautioned that the listed provisions may include blocks that must be completed by the Offeror and submitted with its quotation or offer. In lieu of submitting full text of those provisions, the Offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a clause may be accessed electronically at these addresses:

<http://www.acqnet.gov/far/>

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

## I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.245-1	GOVERNMENT PROPERTY	APR 2012
52.245-9	USE AND CHARGES	APR 2012

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

1852.223-71	FREQUENCY AUTHORIZATION	DEC 1988
1852.245-73	FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS Paragraph (b) (3) Fill-in: NASA Stennis Space Center, Industrial Property Officer, Building 1100, Mail Stop RA50, Stennis Space Center, MS 39529	JAN 2011
1852.245-75	PROPERTY MANAGEMENT CHANGE	JAN 2011
1852.245-78	PHYSICAL INVENTORY OF CAPITAL PERSONAL PROPERTY	JAN 2011
1852.245-82	OCCUPANCY MANAGEMENT REQUIREMENTS	JAN 2011

(End of Clause)

**G.2 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (NFS 1852.227-72) (JUL 1997)**

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

Title	Office/Address (including zip code)
New Technology Representative	NASA Technology Utilization Officer NASA/John C. Stennis Space Center Stennis Space Center, MS 39529-6000
Patent Representative	Chief Counsel NASA/John C. Stennis Space Center Stennis Space Center, MS 39529-6000

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

(End of Clause)

**G.3 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (NFS 1852.245-71) (JAN 2011)**

- (a) The Government property described in paragraph (c) of this clause may 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 unless authorized by the CO under (b)(1)(iv). Under this clause, the Government retains accountability for, and title to, the property, and the Contractor shall comply with the most current issue of:

NPD 6000.1, *Transportation Management*  
 NPR 4100.1, *NASA Materials Inventory Management Manual*;  
 NPR 4200.1, *NASA Equipment Management Procedural Requirements*;  
 NPR 4300.1, *NASA Personal Property Disposal Procedural Requirements*;

User Responsibilities:

The Contractor shall retain responsibility for ensuring proper use, care and protection (safeguarding) of Installation Accountable Government Property (IAGP) under its custody and control. The Contractor shall ensure the users are aware of and adhere to the following responsibilities: (1) ensuring IAGP is used only in the pursuit of approved programs, or as otherwise authorized by the Cognizant Property Custodian; (2) updating record locations in the current NASA Property System or notifying Cognizant Property Custodian of all equipment location changes; (3) ensuring that any lost, missing or damaged IAGP is officially reported to the appropriate Property Custodian and the Protective Services Office; (4) notifying Property Custodian of IAGP not being actively used; (5) ensuring that IAGP is turned into the Property Disposal Officer through the current NASA Property System or the Property Custodian when no longer needed; under no circumstances will the user or Contractor dispose of IAGP, whether tagged or untagged; and (6) returning IAGP to the Cognizant Property Custodian or the Center's Supply and Equipment Management Officer (SEMO) upon termination of employment.

Contractor Acquired Property Onsite:

Initiate transfer of accountability by submitting a NASA Form (NF) 1149 Shipment/Transfer of Accountability of NASA Property (or equivalent DD Form 1149/transfer document), accompanied by a copy of the Contractor's applicable purchasing and receipt document for the property. The Contractor shall reference both the Contractor's Subcontract/Purchase Order number and the Government contract number on the NF 1149. For purchases of supplies and materials, this document shall be submitted monthly. For equipment purchases, the NF 1149 (or equivalent DD Form 1149/transfer document) shall be submitted within five (5) calendar days after acceptance of each item of equipment by the Contractor.

Property not recorded in NASA property systems must be managed in accordance with the requirements of the clause at FAR 52.245-1, as incorporated in this contract.

The Contractor shall establish and adhere to a system of written procedures to assure continued, effective management control and compliance with these user responsibilities. In accordance with FAR 52.245-1(h)(1) the Contractor shall be liable for property lost, damaged, destroyed or stolen by the Contractor or their employees when determined responsible by a NASA Property Survey Board, in accordance with the NASA guidance in this clause.

- (b) (1) The official accountable for recordkeeping, financial control and reporting of the property subject to this clause shall be retained by the Government and accomplished within NASA management information systems prescribed by the installation 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 for Government titled property as required by FAR 52.245-1, as incorporated in this contract, and shall maintain that record until accountability is accepted by the Government.
  - (iv) Contractor use of Government property at an offsite location and offsite subcontractor use requires advance approval of the CO and notification of the Industrial Property Officer or SEMO. Government property used at an offsite location shall be considered Government furnished and the Contractor shall assume accountability and financial reporting responsibility. The Contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR 52.245-1, Government Property (as incorporated in this contract), until its return to the installation. NASA Procedural Requirements related to property loans shall not apply to offsite use of property by Contractors.
- (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) of this clause 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 CO.
- (c) The following property and services are provided if checked:
- X(1) Office space, work area space and utilities. Government telephones are available for official purposes only.
  - X(2) Office furniture. (The type, quantity and configuration of office furnishings to include conference and training rooms will be determined by the NASA SEMO or designee.)
  - X(3) Property listed in Attachment J-7 and Attachment J-11.
    - (i) Attachment J-7: List 1 – IAGP (No Class Exceptions, Controlled)
    - (ii) Attachment J-7: List 2 – IAGP “As-Is” (Government Will Not Repair or Replace)
    - (iii) Attachment J-11: List 3 – SSC Information Technology Systems
    - (iv) Attachment J-11: List 4 – Stennis Data Center Applications

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, in accordance with the Contractor Acquired Property Onsite requirements outlined above under User Responsibilities.

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 CO or duly authorized representative's prior written approval. The Contractor shall provide on a quarterly basis, a listing of Contractor owned/leased property. This listing shall be provided to the SEMO.

- X(4) Supplies from stores stock.
- X(5) Publications and blank forms stocked by the installation (not otherwise available in electronic format)
- X(6) Safety and fire protection for Contractor personnel and facilities.
- X(7) Installation service facilities: (Fuels, oils & lubrications for vehicles and equipment)
- X(8) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during onsite duty.
- X(9) Cafeteria privileges for Contractor employees during normal operating hours.
- X(10) Building maintenance for facilities occupied by Contractor personnel.
- X(11) Moving and hauling for office moves, movement of large equipment, and delivery of supplies. Moving services may be provided onsite, as approved by the CO.

(End of Clause)

**G.4 LIST OF GOVERNMENT PROPERTY FURNISHED PURSUANT TO FAR 52.245-1 (NFS 1852.245-76) (JAN 2011)**

For performance of work under this contract, the Government will make available Government property identified in Attachment J-7 of this contract on a no charge-for-use basis pursuant to FAR 52.245-1, Government Property, as incorporated in this contract. The Contractor shall use this property in the performance of this contract at SSC and at other location(s) as may be approved by the CO.

(End of Clause)

**G.5 GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES (FAR 52.245-2) (APR 2012)**

- (a) This Government Property listed in paragraph (e) of this clause is furnished to the Contractor in an "as-is, where is" condition. The Government makes no warranty regarding the suitability for use of the Government property specified in this contract. The Contractor shall be afforded the opportunity to inspect the Government property as specified in the solicitation.

- (b) The Government bears no responsibility for repair or replacement of any lost Government property. If any or all of the Government property is lost or becomes no longer usable, the Contractor shall be responsible for replacement of the property at Contractor expense. The Contractor shall have title to all replacement property and shall continue to be responsible for contract performance.
- (c) Unless the CO determines otherwise, the Government abandons all rights and title to unserviceable and scrap property resulting from contract performance. Upon notification to the CO, the Contractor shall remove such property from the Government premises and dispose of it at Contractor expense.
- (d) Except as provided in this clause, Government property furnished under this contract shall be governed by the Government Property clause of this contract.
- (e) Government property provided under this clause: Attachment J-7, List 2.

(End of Clause)

**G.6 LIST OF GOVERNMENT PROPERTY FURNISHED PURSUANT TO FAR 52.245-2 (NFS 1852.245-77)(JAN 2011)**

For performance of work under this contract, the Government will make available Government property identified in Attachment J-7 of this contract on a no charge-for-use basis pursuant to FAR 52.245-2, Government Property Installation Operation Services, as incorporated in this contract. The Contractor shall use this property in the performance of this contract at the John C. Stennis Space Center, Mississippi and at other location(s) as may be approved by the CO.

(End of Clause)

**G.7 SSC POLICY DIRECTIVES, PROCEDURES AND STANDARDS**

NASA/SSC maintains a set of SPDs, Stennis Procedural Requirements (SPR) and SSC Standards that govern many aspects of activity at SSC. The Contractor shall incorporate the most current provisions of applicable SPDs and SPRs and SSC Standards into all organization and planning for the performance of this contract and shall comply with the most current provisions during the term of the contract.

(End of Clause)

[END OF SECTION]



**PART I – THE SCHEDULE**

**SECTION H**

**SPECIAL CONTRACT REQUIREMENTS**

**SPECIAL CONTRACT REQUIREMENTS****H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

## 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

To minimize duplication, contract clauses already incorporated in the GSA IT 70 Schedule solicitation are not listed in this request or the resultant award; however, GSA IT 70 Schedule contract clauses are applicable to this task order. Some duplicated clauses have been listed to ensure awareness of the latest version of that clause.

This solicitation incorporates one (1) or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the CO will make their full text available. The Offeror is cautioned that the listed provisions may include blocks that must be completed by the Offeror and submitted with its quotation or offer. In lieu of submitting full text of those provisions, the Offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a clause may be accessed electronically at these addresses:

<http://www.acqnet.gov/far/>

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

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES  
NONE INCORPORATED BY REFERENCE

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

1852.208-81	RESTRICTIONS ON PRINTING AND DUPLICATING	NOV 2004
1852.223-70	SAFETY AND HEALTH	APR 2002
1852.223-75	MAJOR BREACH OF SAFETY OR SECURITY	FEB 2002
1852.223-76	FEDERAL AUTOMOTIVE STATISTICAL TOOL REPORTING	JULY 2003
1852.225-70	EXPORT LICENSES	FEB 2000

(End of Clause)

**H.2 APPROVAL OF CONTRACT (FAR 52.204-1) (DEC 1989)**

This contract is subject to the written approval of the Procurement Officer and shall not be binding until so approved.

(End of Clause)

**H.3 REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS**

This contract incorporates Section K, Representations, Certifications and Other Statements of Offerors, as set forth in the Contractor's signed proposal, by reference, with the same force and effect as if it were given in full text.

(End of Clause)

**H.4 PHASE-IN AND PHASE-OUT**

- (a) Contractor Phase-In: The services provided by this contract are vital to meeting the overall NASA mission and continuity must be maintained at a consistently high level without interruption. The Contractor shall meet full performance requirements from the start date of the base contract period.
- (1) For the purpose of preparing proposals, Offerors shall use the following period of Performance:
    - (i) The anticipated award date is on or about March 14, 2016 with an anticipated effective date for the Phase-In start of April 1, 2016.
    - (ii) The Phase-In Period of performance is anticipated for no more than 30 days, from April 1, 2016 to April 30, 2016.
    - (iii) The base period of performance for this contract is approximately one (1) year, five (5) months from May 1, 2016 to September 30, 2017. There are two (2) one (1) year option periods and one (1) one (1) year, seven (7) months option period. The total potential period of performance (not including the phase-in period) is approximately five (5) years, if all option periods are exercised.
  - (2) Office space will be provided by the Government during the Phase-In period. During this time, the Contractor shall not be responsible for performance of the effort described in the current PWS. It is understood that during Phase-In the predecessor Contractor will be performing the work described in the current PWS. Each Contractor (new or predecessor) will be, however, accountable for their own execution of deliverables and expectations related to successful transition. On May 1, 2016, the Contractor shall assume full responsibility for the execution of the contract.
  - (3) The Contractor shall support, at a minimum, a weekly meeting with the preceding Contractor and Government representatives to discuss/identify problems or areas requiring attention during this Phase-In Period, to ensure a smooth transition.
  - (4) During Phase-In, the Contractor shall perform all activities described in the Contractor's approved Phase-In Plan (including all activities necessary to ensure

- readiness to assume full contract performance and ensure effective transfer of all effort from the predecessor Contractor).
- (5) The Offeror's Phase-In Plan (refer to Section L.II-5 for details), as approved by the Contracting Officer, will be included in any resulting contract.
- (b) Contractor Phase-Out: Near the conclusion of this contract, the Contractor shall exercise its best efforts to effect an orderly and efficient transition to a successor Contractor to ensure that the required services are performed without interruption. FAR clause 52.237-3, Continuity of Services, incorporated in the GSA IT Schedule 70 contract shall apply.
- (c) In the event the Government requires additional Phase-Out services or a plan as referenced in FAR Clause 52.237-3, the CO will request a proposal from the Contractor. The Contractor shall submit a proposal to the CO within 30 calendar days from receipt of request, or sooner if negotiated. The proposal will be subject to negotiations. The proposal shall be valid for a period of six (6) months from the date of receipt.
- (d) Upon contract completion, the Contractor shall provide a final report indicating all products developed and funded under this contract and their locations (physically or logically). Products include working papers, background studies, research documents, drawings, charts, diagrams, software, etc. Final reports shall be submitted within ten (10) calendar days after the last month of performance.

(End of Clause)

## **H.5 DOCUMENTATION REQUIREMENTS**

- (a) Data Requirements: Requirements for technical or management information are imposed on the Contractor through the use of the Data Procurement Document (DPD), included as Attachment J-2 in Section J. The DPD describes, defines and specifies the information required and lists the technical or management data to be produced and/or delivered as required by NASA/SSC.
- (b) Contractor Data Management: The Contractor shall be required to establish adequate documentation with a corresponding data tree. Documentation, which includes plans, manuals, reports and procedures conforming to NASA standards shall be maintained, archived and stored in the SSC repository appropriate to the type of documentation as described in the PWS.
- (c) Data Reviews: The Contractor, upon request, shall participate in periodic reviews of contract data requirements for maintaining current Contract DPD. This assistance shall include identification of additional data items and recommendations for deletions considered appropriate with facility operating services required at SSC.

- (d) Changes in Distribution: When changes to the original distribution requirements are required by the CO, the Contractor shall act upon such changes upon receipt of an approved Request for Data or upon revision to the distribution part of the DPD, provided such changes do not incur additional costs. In the event that additional cost is involved, an equitable adjustment shall be negotiated.

The Contractor shall utilize, to the maximum extent possible, existing SSC documentation. The Contractor shall develop and utilize necessary documentation such as operating plans and procedures, maintenance and operating instructions, and other types of work instructions. Documentation and the document index shall be developed, managed, and maintained in accordance with SPR 1400.1, *Document Preparation, Numbering, and Management Guidelines and Standards*, and SPR 1440.1, *Records Management Program Requirements*.

Records (including paper, electronic, and audio-visual) shall be maintained in accordance with NPD 1440.6, *NASA Records Management*, NPR 1441.1, *NASA Records Retention Schedules*, and SPR 1440.1, *Records Management Program Requirements*, SSC Records Management Program and Control of Quality Records. The Contractor shall maintain a Master Records Index (MRI) (per DR DM01) for the NASA records generated, managed and maintained under this contract. The Contractor shall develop a plan for documentation development and management of operation of the records and files management program in compliance with National Archives and Records Administration and Code of Federal Regulations (CFR) requirements, as implemented by NASA policies and procedures and specified in DR DM01. The plan shall address and assure the identification, marking, management, preservation and disposition of NASA documentation and records.

The Contractor shall provide NASA, or its authorized representatives, with access to all Government records. The Government reserves the right to inspect, audit and copy record holdings.

The Contractor, prior to contract completion or termination, shall submit a Final Records Contract Close-out Inventory Report per DR DM02.

The Contractor, not later than 15 days before the end of the contract, shall submit a final updated version of all DRDs except for DRDs submitted on a monthly basis or an "As Required" basis, unless otherwise directed by the CO.

(End of Clause)

#### **H.6 LIMITATION OF FUTURE CONTRACTING (NFS 1852.209-71) (DEC 1988)**

- (a) The CO has determined that this acquisition may give rise to potential organizational conflicts of interest. Accordingly, the attention of prospective Offerors is invited to FAR Subpart 9.5--Organizational and Consultant Conflicts of Interest. The term "Contractor," as used in this article, includes the prime Contractor, subcontractor and/or the individual members of a joint venture, if applicable.

- (b) The nature of these conflicts include: (1) an unfair competitive advantage; (2) the existence of conflicting roles that might bias the Contractor's judgment; and (3) biased ground rules.
- (c) The restrictions upon future contracting are described below:
- (1) If the Contractor, under the terms of this contract, or through the performance of tasks pursuant to this contract, is required to develop specifications or statements of work to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described within the solicitation as a prime or first-tier subcontractor under an ensuing NASA contract. Such restrictions shall remain in effect for a reasonable time, as agreed to by the CO and the Contractor, sufficient to avoid the circumstances of unfair competitive advantage or potential bias; but, usually for a period no less than when the first contract using the Contractor's specifications or work statement is awarded. It is further agreed that NASA will not unilaterally require the Contractor to prepare such specification or work statements under this contract.
  - (2) To the extent that the work under this contract requires access to proprietary, business confidential, or financial data of other companies, the Contractor must agree with each company to protect such data from unauthorized use or disclosure so long as it remains proprietary, and shall furnish a copy of such company-to-company agreement to the CO. The Contractor shall not be permitted to utilize the data in supplying the systems, or components thereof, procured either by formal advertising or negotiation, as a direct result of that study or advice. In addition, the Contractor shall not be permitted to utilize the proprietary data in performing, for NASA, any competitively obtained contract for any additional study or studies in the same or a closely related field.
  - (3) The Contractor must thoroughly indoctrinate its employees, through formal training in company policies and procedures, in the philosophy of FAR Subpart 9.5. They must be disciplined in the absolute necessity of refraining from divulging proprietary data, trade secrets, confidential information, or restricted data from other companies received in connection with work under this contract to any unauthorized person.
- (d) The limitation on the Contractor's performance is described below:
- (1) The Contractor shall not be given nor perform any task the result of which may place it in a conflicting role with regard to any contract held by the Contractor, such that the Contractor's judgment might be biased.
  - (2) The Contractor, therefore, shall review all work requests and notify the CO of any requirements which, in the Contractor's opinion, may cause a conflict of interest prior to performing any work.

- (3) Upon such notification, the CO will determine whether or not a potential conflict of interest exist and determine how the work will be accomplished.
- (e) The Contractor's Conflict of Interest Plan is a deliverable of DR MA02 and is incorporated as part of the contract (See Section J, Attachment J-9 and Section L.I-15).

(End of Clause)

#### **H.7 DISCLOSURE OF ORGANIZATIONAL CONFLICT OF INTEREST (OCI) AFTER CONTRACT AWARD**

- (a) If the Contractor identifies an actual or potential OCI that has not already been adequately disclosed and resolved, the Contractor shall make a prompt and full disclosure in writing to the CO. This disclosure shall include a description of the action the Contractor has taken or proposes to take in order to resolve the conflict. This reporting requirement also includes subcontractors' actual or potential OCI not adequately disclosed and resolved prior to award.
- (b) The Contractor shall periodically update the OCI Plan, based on changes such as changes to the legal entity, the overall structure of the organization, subcontractor arrangements, Contractor management, ownership, ownership relationships, or modification of the work scope.

(End of Clause)

#### **H.8 LIMITATION ON EXECUTIVE COMPENSATION**

The Office of Federal Procurement Policy (OFPP) Administrator issued a memorandum, dated December 4, 2013, revising the benchmark limitation on Contractor employee compensation under Government contracts for fiscal year 2011 from \$763,029 to \$952,309 (See 78 FR 72930). The \$952,308 amount is to be used for Contractor fiscal year 2012 and any subsequent Contractor fiscal years unless and until revised by OFPP. The limitation amount applies to contract costs incurred after January 1, 2012, under defense and civilian agency contracts, whether or not the contract was previously subject to a statutory limitation on compensation. Compensation in excess of the benchmark limitation is unallowable.

(End of Clause)

#### **H.9 CONTRACTOR REPRESENTATIVE(S)**

The Contractor shall designate one (1) of its personnel at SSC to act as Program Manager (PM) and delegate to this person the complete authority to decide all matters connected with this contract. The Contractor shall further designate a second employee at SSC as an alternate with

the authority to act as and on behalf of the PM in the event of the absence or incapacity of the designated PM. The Contractor shall advise the CO in writing of the persons so designated.

(End of Clause)

#### **H.10 OBSERVANCE OF LAWS AND REGULATIONS**

- (a) The Contractor shall procure and keep effective necessary business and professional permits and licenses required in performance of the work. Generally, NASA will execute the necessary environmental permits.
- (b) Various departments and agencies of the Government, several Contractors and other tenants jointly occupy the John C. Stennis Space Center and are confronted with certain common conditions and problems resulting from this co-occupancy, certain uniform policies, regulations, and procedures will be issued, as required, by the Government (NASA/SSC), and will be applicable to all personnel working at SSC. The Contractor shall adhere to these policies and procedures insofar as such policies and procedures are in conformity with the terms of this contract.
- (c) All employees of the Contractor assigned to perform the work under this contract shall be under the control of the Contractor during the performance of such assignment. The Contractor shall be responsible for satisfactory standards of employee competency, conduct and integrity and shall be responsible for taking such disciplinary action with respect to its employees as may be necessary.
- (d) The above provisions of this Section shall be made equally applicable by the Contractor to employees other than those of the Contractor to the extent that they may be assigned work under this contract notwithstanding the basis of the assignment, e.g., subcontract.

(End of Clause)

#### **H.11 RESERVED**

#### **H.12 SECURITY REQUIREMENTS**

- (a) Security Requirements. The Contractor shall require each employee engaged on the work site to display Government furnished identification badges and special access badges at all times. The Contractor shall upon termination of an employee, immediately deliver badges and/or passes issued to the employee to the NASA SSC Security Office. Generally, there is no security clearance required for the majority of support under this contract; however, there are areas of support that require Secret clearance.
- (b) Access to Secure Areas. Portions of the work under the contract are performed in secure areas with specific access requirements. These secure controlled/restricted areas are normally surrounded by fencing and have an entrance gate monitored by a guard or



monitoring device. Access into such areas is categorized into "escorted" and "unescorted" access. All Contractor personnel requiring unescorted access to a secure area shall undergo a security investigation and be approved for a security clearance prior to being given access. Contractor personnel who do not possess an approved security clearance shall be escorted by an approved escort official. The Contractor is responsible for providing escort services for any of his employees and/or any subcontractor employees who are not eligible for unescorted access. Personnel requiring access to areas containing classified information or material shall have the appropriate security clearance as approved by Defense Investigative Security Clearance Office.

- (c) Interfaces. The Contractor shall comply with controlled/restricted area procedures and instructions, to include proper security clearances. Contractor personnel working in controlled/restricted areas such as the test complex area and computer rooms may be required to sign in and out, state the nature of their business at the entrance desk and display required identification and badges. All work in controlled/restricted areas shall be coordinated with the respective unit or organization in accordance with local agency security procedures.
- (d) IT Security. The Contractor shall manage the security, operation and support of IT resources in accordance with NPR 2810.1 and in accordance with all applicable SSC IT security guidelines and policies. This includes contract and system IT security plans, risk assessments, access policies, contingency planning, personnel screening, awareness, and training. NASA may audit the Contractor's IT security planning efforts on an annual basis or as required to ensure compliance. The Contractor shall assist the Government in maintaining a level of security that minimizes the threat of unauthorized access to IT resources and the destruction of Government data. The Contractor shall provide reports, plans, guidance, and support to meet the security requirements at SSC as required by the National Security Act and NASA Headquarters. Specific documents guiding the IT Security functions include: Office of Management and Budget Circular A-130, NPD 2810.1, and NPR 2810.1.
- (e) Privacy Act. The Contractor shall not disclose or release to other than Government authorized personnel or activities, the content of any Government software, procedures or information provided to the Contractor. The Contractor is bound by the rules as provided in the Privacy Act of 1974.

(End of Clause)

### **H.13 PROTECTION AND SAFEGUARDING OF INFORMATION AND DATA**

- (a) Except as specifically authorized by this contract, or as otherwise approved in writing by the CO, all information and data developed, acquired, or furnished by or to the Contractor in the performance of this contract, shall be used only in connection with the work under this contract, and shall be protected by the Contractor from unauthorized use, release, duplication, or disclosures.

- (b) The Contractor shall take appropriate measures to assure that its personnel, who have or might reasonably have access to such information and data referred to in paragraph (a) above, agree to honor the Contractor's commitment and safeguard such information and data.
- (c) It is further anticipated that in performance of this contract the Contractor may also have access to, be furnished, use, or generate the following types of data (recorded information):
- (1) Data of third parties bearing limited rights or restricted rights notices submitted either to the Government or directly to the Contractor;
  - (2) Other data of third parties which the Government has agreed to handle under protective arrangements; or
  - (3) Data, generated by the Government or the Contractor for third parties, for which the Government intends to control the use and dissemination until delivered to the third parties.
- (d) In order to protect the interests of the Government, the owners, and the intended recipients of the data described in paragraph (c), the Contractor further agrees, with respect to such data described in subparagraph (c)(1) and, when so identified by the CO or designated representative, with respect to data described in subparagraphs (c)(2) and (c)(3), to:
- (1) Use and disclose such data only to the extent necessary to perform work required under this contract, with particular emphasis on restricting the data to employees having a "need to know";
  - (2) Preclude disclosure of such data outside Contractor's organization performing work under this contract without written consent of the CO; and
  - (3) Return or dispose of such data as directed by the CO or designated representative when such data is no longer needed for contract performance.
- (e) Nothing contained in this special contract requirement or elsewhere in this contract shall be construed as altering the definition of "technical data" for the purpose of applying the requirements of the clause herein entitled FAR 52.227-14, "Rights in Data--General."

(End of Clause)

#### **H.14 NASA RECORDS MANAGEMENT**

The Contractor shall create, maintain, preserve, and dispose of NASA records in accordance with NPR 1441.1, *NASA Records Retention Schedule* (refer to Attachment J-1, Section 1).

(End of Clause)

#### **H.15 ASBESTOS**

- (a) During performance of this contract, Contractor personnel performing work in SSC buildings may come in contact with materials containing asbestos. Some buildings may contain asbestos spray applied insulations or asbestos around pipes, ducts, boilers and tanks. The Contractor shall be responsible for ensuring all applicable codes, standards and regulations are adhered to and enforced, including Occupational Safety and Health Administration (OSHA) Standard 29 CFR 1910.1001, OSHA Standard 29 CFR 1926.1101 and US EPA 40 CFR Part 61, Subpart M. Prior to disturbing suspected asbestos in any manner, the Contractor shall notify the site NASA Environmental Officer, who serves as Asbestos PM, for guidance. The Contractor shall be responsible for ensuring all Contractor personnel working onsite are made aware of and comply with this clause.
- (b) SSC has an Asbestos Hazard Control Plan (SCWI-8500-0019-ENV) which addresses procedures for work involving potential asbestos exposure. The Contractor will be required to comply with the provisions of the SSC Plan whenever its work involves the potential for exposure to asbestos.

(End of Clause)

#### **H.16 SECTION 508 COMPLIANCE**

All Electronic and Information Technology (EIT) procured through this contract must meet the applicable accessibility standards, Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d) as amended by the Workforce Investment Act of 1998 (P.L. 105 - 220), August 7, 1998.

<https://www.section508.gov/>

(End of Clause)

#### **H.17 HAZARDOUS MATERIAL AND HAZARDOUS WASTE MANAGEMENT**

During the performance of this contract, the Contractor may be required to requisition, handle and manage hazardous materials in support of specific projects. The Contractor may also be collecting waste generated by SSC activities including those of its tenants, for ultimate disposal by NASA. In the performance of these activities, the Contractor shall abide by SSC's Hazardous Materials, Hazardous Waste and Solid Waste Plan (SCWI-8500-0004-ENV) and SSC's Integrated Contingency Plan (SCWI-8500-0020-ENV).

(End of Clause)

**H.18 PERFORMANCE METRICS**

A key component of this contract will be the ability to effectively provide management visibility into efficiency and productivity of the contract. This requirement necessitates the creation of a meaningful set of performance measures and metrics that drive corrective action and continuous process improvement. The creation and evolution of contract metrics will be achieved through a Government/Contractor partnership that will determine appropriate measures based on contract objectives and performance standards. This partnering shall continue throughout the life of the contract to ensure the metrics remain valid and relevant to Government priorities and Contractor performance. The Contractor will submit metrics to the Government as required by the DRs identified in Attachment J-2 and in accordance with its own performance measurement system.

(End of Clause)

**H.19 PRIORITIES**

The Contractor will be expected to provide support to customers with conflicting requirements. On a day-to-day basis, the priorities of these customers will change and vary. The Contractor is empowered to negotiate with these customers and prioritize required support. The Government provides general guidance under which the Contractor prioritizes work. Priority must be given to ensuring the success of our primary missions and the missions of our customers while ensuring the safety and health of personnel and our resources. Support and maintenance of the infrastructure are also very important and must be accomplished around the more dynamic mission priorities. The Contractor shall develop management processes and systems that shall balance the requirements of the contract.

(End of Clause)

**H.20 SPECIAL REQUIREMENTS FOR SERVICE CONTRACTS**

- (a) Inherently Governmental Functions – No inherently Government functions as defined in FAR 2.101 and FAR 7.5 shall be performed by the Contractor under this contract. Contractor employees shall not participate in any deliberations or meetings that may require the Contractor employees to exercise an inherently Governmental function. All final determinations, such as binding the United States to take or not to take some action, selecting program priorities, and providing direction to Federal employees shall be made by the Government. The Contractor shall immediately notify the COR and the CO if performance of an activity would result in the performance of an inherently Governmental function.
- (b) Non-Personal Services Contract – In accordance with FAR 37.101, this contract is a non-personal services contract in that the Contractor personnel rendering the services shall not be subject, either by the contract's terms or by the manner of its administration, to the continuous supervision and control of a Government officer or employee. The Contractor shall immediately notify the COR and the CO if, through contract administration, the actions of a Government employee will result in the performance of a

personal services contract.

- (c) Identification of Contractor Personnel – All Contractor personnel who attend meetings, answer Government telephones, use a nasa.gov e-mail address, or work in situations where their actions could be construed as acts of Government officials shall clearly identify themselves as Contractor personnel. Contractor employees shall not identify themselves as representing NASA but rather shall identify themselves as being under contract to NASA. Additionally, all Contractor work spaces located on NASA premises shall be clearly identified.

(End of clause)

## **H.21 DENIED ACCESS TO NASA FACILITIES (NFS 1852.242-72) (OCT 2015)**

As prescribed in 1842.7001, insert the following clause:

- (a)(1) The performance of this contract requires contractor employees of the prime contractor or any subcontractor, affiliate, partner, joint venture, or team member with which the contractor is associated, including consultants engaged by any of these entities, to have access to, physical entry into, and to the extent authorized, mobility within, a NASA facility.
- (2) NASA may close and or deny contractor access to a NASA facility for a portion of a business day or longer due to any one of the following events:
- (i) Federal public holidays for federal employees in accordance with 5 U.S.C. 6103.
  - (ii) Fires, floods, earthquakes, unusually severe weather to include snow storms, tornadoes and hurricanes.
  - (iii) Occupational safety or health hazards.
  - (iv) Non-appropriation of funds by Congress.
  - (v) Any other reason.
- (3) In such events, the contractor employees may be denied access to a NASA facility, in part or in whole, to perform work required by the contract. Contractor personnel already present at a NASA facility during such events may be required to leave the facility.
- (b) In all instances where contractor employees are denied access or required to vacate a NASA facility, in part or in whole, the contractor shall be responsible to ensure contractor personnel working under the contract comply. If the circumstances permit, the contracting officer will provide direction to the contractor, which could include continuing on-site performance during the NASA facility closure period. In the absence of such direction, the contractor shall exercise sound judgment to minimize unnecessary contract costs and performance impacts by, for example, performing required work off-site if possible or reassigning personnel to other activities if appropriate.
- (c) The contractor shall be responsible for monitoring the local radio, television stations, NASA Web sites, other communications channels, for example contracting officer notification, that the NASA facility is accessible. Once accessible the contractor shall resume contract performance as required by the contract.

- (d) For the period that NASA facilities were not accessible to contractor employees, the contracting officer may—
- (1) Adjust the contract performance or delivery schedule for a period equivalent to the period the NASA facility was not accessible;
  - (2) Forego the work;
  - (3) Reschedule the work by mutual agreement of the parties; or
  - (4) Consider properly documented requests for equitable adjustment, claim, or any other remedy pursuant to the terms and conditions of the contract.
- (e) Notification procedures of a NASA facility closure, including contractor denial of access, as follows:
- (1) The contractor shall be responsible for monitoring the local radio, television stations, NASA Web sites, other communications channels, for example contracting officer notification, for announcement of a NASA facility closure to include denial of access to the NASA facility. The contractor shall be responsible for notification of its employees of the NASA facility closure to include denial of access to the NASA facility. The dismissal of NASA employees in accordance with statute and regulations providing for such dismissals shall not, in itself, equate to a NASA facility closure in which contractor employees are denied access. Moreover, the leave status of NASA employees shall not be conveyed or imputed to contractor personnel. Accordingly, unless a NASA facility is closed and the contractor is denied access to the facility, the contractor shall continue performance in accordance with the contract.
  - (2) NASA's Emergency Notification System (ENS). ENS is a NASA-wide Emergency Notification and Accountability System that provides NASA the ability to send messages, both Agency-related and/or Center-related, in the event of an emergency or emerging situation at a NASA facility. Notification is provided via multiple communication devices, e.g. Email, text, cellular, home / office numbers. The ENS provides the capability to respond to notifications and provide the safety status. Contractor employees may register for these notifications at the ENS

Web site: <http://www.hq.nasa.gov/office/ops/nasaonly/ENSinformation.html> .

(End of clause)

## **H.22 ASSOCIATE CONTRACTOR AGREEMENT (ACA)**

The Contractor shall negotiate and document formal ACAs with NASA associate contractors to address coordination and delivery of information technology services to ensure timely completion of PWS objectives for each party. The Contractor shall pursue and foster cooperative efforts and goodwill in a manner that shall benefit SSC with increased safety, efficiency, and productivity. At a minimum, the Contractor will enter into ACAs with the following NASA Associate Contractors:

CONTRACT / CONTRACTOR	SERVICES
Agency Consolidated End User Services (ACES) – Hewlett Packard (HP) Enterprises (NNX11AA01C)	Desktop Support
NASA Integrated Communications Services (NICS) – Science Applications International Corporation (SAIC) (NNM11AA04C)	Wide Area Network (WAN) and Local Area Network (LAN)
Synergy-Achieving Consolidated Operations and Maintenance (SACOM) – To Be Determined (TBD)	Facility Operations Support
National Center for Critical Information Processing and Storage (NCCIPS) – SAIC (NNS13AA03I)	IT Facilities Support

Additional ACAs, if required, will be specified by the CO.

In formulating and documenting the ACAs, the Government shall not be a named party in the ACAs. The effectiveness of the ACAs over the course of this contract will be evaluated as part of the contract past performance.

All ACAs in the table above shall be accomplished within three (3) months of the contract start date. Additional ACAs identified by the CO shall be accomplished within three (3) months of notification. A copy of each ACA shall be provided to the CO and COR.

The Contractor is not relieved of any contractual requirements or entitled to any adjustments to this contract's value or terms and conditions because of a failure to resolve a disagreement with any NASA Associate Contractor. All costs associated with ACAs are included in the negotiated cost of this contract.

Liability for the improper disclosure of any proprietary data contained in or referenced by any ACA shall rest with the parties to the ACA and not the Government.

(End of Clause)

### **H.23 MOTOR VEHICLE MANAGEMENT**

Operation and Management of Motor Vehicles: The Contractor shall operate and manage Government-provided vehicles as necessary to support the performance of the contract. Such needed vehicles are to be operated and managed in the manner most efficient and economical to the Government. Size, quantity, type and mix of the provided vehicle fleet will be determined by the site Transportation Officer. The Contractor is reminded that historical vehicle utilization shall not be construed in any manner as justification for future use. All vehicles shall be justified on their individual merit with the approval of the Transportation Officer. The absence of such approval shall under no circumstances provide for relief from any and all contractual requirements.

The Contractor shall assure that all operators of Government-provided vehicles possess valid state licenses. The Contractor will furnish the CO a copy of their third party automobile liability insurance policy, as defined in NFS 1852.228-75 entitled "Minimum Insurance Coverage," covering any Government-provided vehicles used in connection with performing the contract.

If the Contractor chooses to lease or purchase additional vehicles in support of this contract, the Contractor shall provide written notice to the Contracting Officer as to the insurance coverage. Any proposed Contractor-owned/leased vehicles must be authorized by the site Transportation Officer with concurrence in advance by the CO. Any Contractor-owned/leased vehicles, including required insurance, shall be acquired at no cost or liability to the Government.

(End of Clause)

#### **H.24 REPORTING OF INCIDENTS INVOLVING WORKPLACE VIOLENCE**

- (a) The Contractor and its employees shall comply with NPD 1600.3, *Policy on Prevention of and Response to Workplace Violence*. The Contractor shall conduct training on and develop procedures for recognizing, managing, and responding to incidents and threats of workplace violence.
- (b) The Contractor shall require its employees to promptly report all threats to their supervisors/management, the CO, NASA SSC Office of Human Capital, Office of Protective Services, and the Employee Assistance Officer.
- (c) This requirement shall flow down to all subcontractors; however, the subcontractors shall report threats up through the prime Contractor to the CO.

(End of Clause)

#### **H.25 INCORPORATION OF CONTRACTOR'S PROPOSAL**

The Contractor's proposal, as revised through discussions, and the Final Proposal Revision dated \*\_\_\_\_\_, submitted in response to Solicitation \_\_\_\_\_ dated \_\_\_\_\_, and supplemented by Amendment \*\_\_\_\_\_, \*\_\_\_\_\_, \*\_\_\_\_\_, is incorporated into this contract by reference. The PWS at Attachment J-1 shall govern in the event of any inconsistency between the Contractor's proposal and the requirements identified in Attachment J-1 PWS.

NOTE: This information will be filled in at time of Final Proposal Revision (if applicable).

(End of clause)

#### **H.26 CONTRACTING OFFICER'S AUTHORITY**



The CO is the only person authorized to approve changes in any of the requirements under this contract and notwithstanding any provisions contained elsewhere in this contract, the said authority remains solely with the CO. In the event the Contractor effects any such change at the direction of any person other than the CO, the change will be considered to have been made without authority.

(End of clause)

#### **H.27 CONTRACTING OFFICER'S REPRESENTATIVE(S)**

COR(s) will be delegated as the CO's representative(s) for the purpose of quality inspection and assisting the CO in the administration of the contract. Notwithstanding the previous contents of this clause or any other provisions of this contract, the CO is the only individual authorized to redirect the effort or in any way modify any of the terms of this contract.

(End of clause)

#### **H.28 RESERVE GATE PROCEDURES/ PLAN**

In the event of a labor dispute, the Government may restrict the ingress and egress of the Contractor's and subcontractor's employees and suppliers to a specific gate. The Contractor agrees to have the employees re-badged (if necessary) and to direct them and the suppliers to utilize only the gate designated in the reserve gate/strike gate procedures.

(End of Clause)

[END OF SECTION]

**PART II – CONTRACT CLAUSES**

**SECTION I**

**CONTRACT CLAUSES**

**PART II****CONTRACT CLAUSES****I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

## 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

To minimize duplication, contract clauses already incorporated in the GSA IT 70 Schedule solicitation are not listed in this request or the resultant award; however, GSA IT 70 Schedule contract clauses are applicable to this task order. Some duplicated clauses have been listed to ensure awareness of the latest version of that clause.

This solicitation 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. The Offeror is cautioned that the listed provisions may include blocks that must be completed by the Offeror and submitted with its quotation or offer. In lieu of submitting full text of those provisions, the Offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a clause may be accessed electronically at these addresses:

<http://www.acqnet.gov/far/>

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

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

52.203-5	COVENANT AGAINST CONTINGENT FEES	MAY 2014
52.203-7	ANTI-KICKBACK PROCEDURES	MAY 2014
52.203-8	CANCELLATION, RECESSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	MAY 2014
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	MAY 2014
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	OCT 2010
52.203-14	DISPLAY OF HOTLINE POSTER(S)	DEC 2007
52.204-2	SECURITY REQUIREMENTS	AUG 1996
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE	JULY 2013
52.210-1	MARKET RESEARCH	APR 2011
52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	APR 2008
52.215-2	AUDIT AND RECORDS—NEGOTIATION	OCT 2010
52.215-8	ORDER OF PRECEDENCE- UNIFORM CONTRACT FORMAT	OCT 1997
52.215-14	INTEGRITY OF UNIT PRICES	OCT 2010
52.217-8	OPTION TO EXTEND SERVICES	NOV 1999

	(FILL-IN: ANY TIME BEFORE CONTRACT EXPIRATION)	
52.217-9	OPTION TO EXTEND THE TERM OF THE CONTRACT PARA. (A) FILL-INS: 30 DAYS AND 60 DAYS; PARA. (C) FILL-IN: FIVE (5) YEARS	MAR 2000
52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT 2014
52.222-17	NONDISPLACEMENT OF QUALIFIED WORKERS	MAY 2014
52.222-35	EQUAL OPPORTUNITY FOR VETERANS	JULY 2014
52.222-36	EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES	JULY 2014
52.222-41	SERVICE CONTRACT LABOR STANDARDS	MAY 2014
52.222-42	STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (REFER TO ATTACHMENT J-6)	MAY 2014
52.222-43	FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT LABOR STANDARDS – PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS)	MAY 2014
52.222-50	COMBATTING TRAFFICING IN PERSONS	MAR 2015
52.222-99	ESTABLISHING A MINIMUM WAGE FOR CONTRACTORS (DEVIATION 2014-O0017)	JUNE 2014
52.223-6	DRUG-FREE WORKPLACE	MAY 2001
52.223-11	OZONE-DEPLETING SUBSTANCES	MAY 2001
52.223-13	ACQUISITION OF EPEAT-REGISTERED IMAGING EQUIPMENT	JUN 2014
52.223-14	ACQUISITION OF EPEAT-REGISTERED TELEVISIONS	JUN 2014
52.227-1	AUTHORIZATION AND CONSENT	DEC 2007
52.227-2	NOTICE & ASSISTANCE REGARDING PATENT & COPYRIGHT INFRINGEMENT	DEC 2007
52.227-3	PATENT INDEMNITY (ALT I, Fill in: None) (APR 1984)	APR 1984
52.227-10	FILING OF PATENT APPLICATIONS- CLASSIFIED SUBJECT MATTER	DEC 2007
52.227-11	PATENT RIGHTS - RETENTION BY THE CONTRACTOR (SHORT FORM)	MAY 2014
52.227-14	RIGHTS IN DATA-GENERAL (AS MODIFIED BY NFS 1852.227-14)	MAY 2014
52.227-16	ADDITIONAL DATA REQUIREMENTS	JUN 1987
52.227-17	RIGHTS IN DATA-SPECIAL WORKS	DEC 2007
52.232-1	PAYMENTS	APR 1984
52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR 1984
52.232-18	AVAILABILITY OF FUNDS	APR 1984
52.232-23	ASSIGNMENT OF CLAIMS	MAY 2014
52.232-25	PROMPT PAYMENT	JULY 2013
52.232-39	UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS	JUN 2013
52.233-1	DISPUTES – ALTERNATE I (DEC. 1991)	MAY 2014

52.233-3	PROTEST AFTER AWARD	AUG 1996
52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT 2004
52.243-1	CHANGES-FIXED PRICE- ALTERNATE III (APR. 1984)	AUG 1987
52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	APR 2015
52.248-1	VALUE ENGINEERING	OCT 2010
52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE)	APR 2012
52.249-8	TERMINATION FOR DEFAULT (FIXED PRICE SUPPLY AND SERVICE)	APR 1984
52.251-1	GOVERNMENT SUPPLY SOURCES	APR 2012
52.253-1	COMPUTER GENERATED FORMS	JAN 1991

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

1852.203-70	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS	JUN 2001
1852.204-76	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES	JAN 2011
1852.209-72	COMPOSITION OF THE CONTRACTOR	DEC 1988
1852.219-74	USE OF RURAL AREA SMALL BUSINESSES	SEP 1990
1852.219-76	NASA 8 PERCENT GOAL	JULY 1997
1852.223-74	DRUG- AND ALCOHOL-FREE WORKPLACE	MAR 1996
1852.237-70	EMERGENCY EVACUATION PROCEDURES	DEC 1988
1852.237-72	ACCESS TO SENSITIVE INFORMATION	JUN 2005
1852.237-73	RELEASE OF SENSITIVE INFORMATION	JUN 2005
1852.242-70	TECHNICAL DIRECTION	SEP 1993
1852.242-78	EMERGENCY MEDICAL SERVICES AND EVACUATION	APR 2001

### **I.2 ALTERATIONS IN CONTRACT (FAR 52.252-4) (APR 1984)**

Portions of this contract are altered as follows:

In FAR Clause 52.243-1, Changes- Fixed Price - Alternate III (Apr. 1984), (Aug. 1987) Paragraph C, substitute "60 days" in lieu of "30 days."

(End of Clause)

### **I.3 AUTHORIZED DEVIATIONS IN CLAUSES (FAR 52.252-6) (APR 1984)**

- (a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.
- (b) The use in this solicitation or contract of any NASA FAR Supplement (48 CFR Chapter 18) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of Clause)

**I.4 REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (NFS 1852.203-71) (AUG 2014)**

- (a) The Contractor shall inform its employees in writing, in the predominant native language of the workforce, of Contractor employee whistleblower rights and protections under 10 U.S.C. 2409, as described in subpart 1803.09 of the NASA FAR Supplement.
- (b) The Contractor shall include the substance of this clause, including this paragraph (b), in all subcontracts.

(End of clause)

**I.5 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. See FAR clause 52.204-2 in this contract and DD Form 254, Contract Security Classification Specification, Attachment J-4.

(End of Clause)

**I.6 PRECONTRACT COSTS (NFS 1852.231-70) (JUNE 1995)**

The Contractor shall be entitled to reimbursement for costs incurred for the CLIN 001 (transition from one contract to another) Phase-In Period in an amount not to exceed the phase in amount stated in Section B that, if incurred after this contract had been entered into, would have been reimbursable under this contract.

(End of Clause)

**I.7 OMBUDSMAN (NFS 1852.215-84) (NOV 2011)**

- (a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from Offerors, potential Offerors, and Contractors during the pre-award and post-award 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 CO, 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 CO for resolution.

- (b) If resolution cannot be made by the CO, interested parties may contact the installation Procurement Ombudsman, Mr. Ken Human, Associate Director, John C. Stennis Space Center, MS. 39529, Phone: (228) 688-1128, FAX: (228) 688-3240, e-mail: ken.r.human@nasa.gov. Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the Agency ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail Ronald.a.poussard@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 CO or as specified elsewhere in this document.

(End of Clause)

#### **I.8 MINIMUM INSURANCE COVERAGE (NFS 1852.228-75) (OCT 1988)**

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

- (a) Worker's compensation and employer's liability insurance as required by applicable Federal and state workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with the Contractor's commercial operations that it would not be practical. The employer's liability coverage shall be at least \$100,000, except in States with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.
- (b) Comprehensive general (bodily injury) liability insurance of at least \$500,000 per occurrence.
- (c) Motor vehicle liability insurance written on the comprehensive form of policy which provides for bodily injury and property damage liability covering the operation of all motor vehicles used in connection with performing the contract. Policies covering motor vehicles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury liability and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirement of the locality and sufficient to meet normal and customary claims.

- (d) Comprehensive general and motor vehicle liability policies shall contain a provision worded as follows: “The insurance company waives any right of subrogation against the United States of America which may arise by reason of any payment under the policy.”
- (e) When aircraft are used in connection with performing the contract, aircraft public and passenger liability insurance of at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.
- (f) Prior to the commencement of work hereunder, evidence of insurance shall be furnished in a form satisfactory to the CO. In addition, the Contractor shall furnish evidence of a commitment by the insurance company to notify the CO in writing of any material change, expiration, or cancellation of any of the insurance policies required hereunder not less than thirty (30) days before such change, expiration, or cancellation.

(End of Clause)

**I.9 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA DESIGNATED PRODUCTS (FAR 52.223-9) (MAY 2008)**

- (a) Definitions. As used in this clause—
  - (1) “Postconsumer material” means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of “recovered material.”
  - (2) “Recovered material” means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.
- (b) The Contractor, on completion of this contract, shall—
  - (1) Estimate the percentage of the total recovered material content for EPA-designated item(s) delivered and/or used in contract performance, including, if applicable, the percentage of post-consumer material content; and
  - (2) Submit this estimate to: NASA Acquisition Management Office, Code DA10, Attn: ITS CO, John C. Stennis Space Center, MS. 39529 and one (1) copy to: Environmental Office Code RA02, Environmental Officer, John C. Stennis Space Center, MS 39529).

(End of Clause)



**I.10 RESTRICTION ON FUNDING ACTIVITY WITH CHINA (NFS 1852.225-71)**  
**(FEB 2012)**

- (a) Definition- “China” or “Chinese-owned company” means the People’s Republic of China, any company owned by the People’s Republic of China or any company incorporated under the laws of the People’s Republic of China.
- (b) Public Laws 112-10, Section 1340(a) and 112-55, Section 539, restrict NASA from contracting to participate, collaborate, coordinate bilaterally in any way with China or a Chinese-owned company using funds appropriated on or after April 25, 2011. Contracts for commercial and non-developmental items are exempted from the prohibition because they constitute purchase of goods and services that would not involve participation, collaboration, or coordination between the parties.
- (c) This contract may use restricted funding that was appropriated on or after April 25, 2011. The Contractor shall not contract with China or Chinese-owned companies for any effort related to this contract except for acquisition of commercial and non-developmental items. If the Contractor anticipates making an award to China or Chinese-owned companies, the Contractor must contact the CO to determine if funding on this contract can be used for that purpose.
- (d) Subcontracts-The Contractor shall include the substance of this clause in all subcontracts made hereunder.

(End of Clause)

[END OF SECTION]

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

**SECTION J**

**LIST OF ATTACHMENTS**

**PART III****LIST OF ATTACHMENTS**

<b><u>Attachments</u></b>	<b><u>Title</u></b>
J-1	Performance Work Statement Appendix A – Reference List Appendix B – Acronym List
J-2	Data Requirements Description (DRD)
J-3	Reserved
J-4	Contract Security Classification Specification DD Form 254
J-5	Safety and Health Plan
J-6	U.S. Government Comparable Rates & Professional Level Employee Classifications
J-7	List of Government Furnished Property
J-8	List of Applicable Manuals, Regulations and Procedures
J-9	Conflict of Interest Plan
J-10	Personal Identity Verification of Contractor Personnel PIV Card Issuance Procedures (NASA Procurement Information Circular (PIC) 06-01)
J-11	Historical/Sample Data

[END OF SECTION]

**PART IV – REPRESENTATIONS AND INSTRUCTIONS**

**SECTION K**

**REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS  
OF OFFERORS**

**PART IV****REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS  
OF OFFERORS****K.1 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (FAR 52.204-8)  
(DEC 2014)**

(a)

(1) The North American Industry classification System (NAICS) code for this acquisition is 541512 *[insert NAICS code]*.

(2) The small business size standard is \$27.5M *[insert size standard]*.

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

(b)

(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certification in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

(i) Paragraph (d) applies.

(ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)

(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation.

(vi) 52.209-5; Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

- (xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
- (xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.
- (xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.
- (xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.
- (xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.
- (xvi) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.
- (xvii) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225- 3.
- (A) If the acquisition value is less than \$25,000, the basic provision applies.
  - (B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.
  - (C) If the acquisition value is \$50,000 or more but is less than \$79,507, the provision with its Alternate II applies.
  - (D) If the acquisition value is \$79,507 or more but is less than \$100,000, the provision with its Alternate III applies.
- (xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.
- (xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.
- (xx) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

(i) 52.204-17, Ownership or Control of Offeror.

(ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

(iii) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

(iv) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

(v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

(vi) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

(vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM Web site accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.



FAR Clause	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of Provision)

**K.2 CERTIFICATION REGARDING RESPONSIBILITY MATTERS (FAR 52.209-5) (APR 2010)**

(a)

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

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

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

(B) Have  have not , within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property (if Offeror checks "have", the Offeror shall also see 52.209-7, if included in this solicitation); and

(C) Are  are not  presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision; and

(D) Have , have not , within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,000 for which the liability remains unsatisfied.

(1) Federal taxes are considered delinquent if both of the following criteria apply:

*(i) The tax liability is finally determined.* The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

*(ii) The taxpayer is delinquent in making payment.* A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(2) Examples.

*(i)* The taxpayer has received a statutory notice of deficiency, under I.R.C. §6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

*(ii)* The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. §6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

*(iii)* The taxpayer has entered into an installment agreement pursuant to I.R.C. §6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(iv) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

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

(2) “Principal,” for the purposes of this certification, means an officer; director; owner; partner; or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

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

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

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror’s responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

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

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

(End of Provision)

### **K.3 INFORMATION REGARDING RESPONSIBILITY MATTERS (FAR 52.209-7) (JUL 2013)**

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

“Administrative proceeding” means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative Proceedings, Civilian Board of Contract Appeals Proceedings, and Armed

Services Board of Contract Appeals Proceedings). This includes administrative proceeding at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include agency actions such as contract audits, site visits, corrective plans, or inspection of deliverables.

“Federal contracts and grants with total value greater than \$10,000,000” means—

- (1) The total value of all current, active contracts and grants, including all priced options; and
- (2) The total value of all current, active orders including all priced options under indefinite-delivery, indefinite-quantity, 8(a), or requirements contracts (including task and delivery and multiple-award Schedules).

“Principal” means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (*e.g.*, general manager; plant manager; head of a division or business segment; and similar positions).

(b) The Offeror  has  does not have current active Federal contracts and grants with total value greater than \$10,000,000.

(c) If the Offeror checked “has” in paragraph (b) of this provision, the Offeror represents, by submission of this offer, that the information it has entered in the Federal Awardee Performance and Integrity Information System (FAPIIS) is current, accurate, and complete as of the date of submission of this offer with regard to the following information:

(1) Whether the Offeror, and/or any of its principals, has or has not, within the last five years, in connection with the award to or performance by the Offeror of a Federal contract or grant, been the subject of a proceeding, at the Federal or State level that resulted in any of the following dispositions:

(i) In a criminal proceeding, a conviction.

(ii) In a civil proceeding, a finding of fault and liability that results in the payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more.

(iii) In an administrative proceeding, a finding of fault and liability that results in—

(A) The payment of a monetary fine or penalty of \$5,000 or more; or

(B) The payment of a reimbursement, restitution, or damages in excess of \$100,000.

(iv) In a criminal, civil, or administrative proceeding, a disposition of the matter by consent or compromise with an acknowledgment of fault by the Contractor if the proceeding could have led to any of the outcomes specified in paragraphs (c)(1)(i), (c)(1)(ii), or (c)(1)(iii) of this provision.

(2) If the Offeror has been involved in the last five years in any of the occurrences listed in (c)(1) of this provision, whether the Offeror has provided the requested information with regard to each occurrence.

(d) The Offeror shall post the information in paragraphs (c)(1)(i) through (c)(1)(iv) of this provision in FAPIIS as required through maintaining an active registration in the System for Award Management database via <https://www.acquisition.gov> (see 52.204-7).

**K.4 RESTRICTION ON FUNDING ACTIVITY WITH CHINA-REPRESENTATION  
(NFS 1852.225-72 (FEB 2012))**

- (a) Definition – “China or Chinese-owned” means the People’s Republic of China, any company owned by the People’s Republic of China or any company incorporated under the laws of the People’s Republic of China.
- (b) Public Laws 112-10, Section 1340(a) and 112-55, Section 539, restrict NASA from contracting to participate, collaborate, coordinate bilaterally in any way with China or a Chinese-owned company using funds appropriated on or after April 25, 2011. Contracts for commercial and non-developmental items are exempted from the prohibition because they constitute purchase of goods and services that would not involve participation, collaboration or coordination between the parties.
- (c) Representation. By submission of its offer, the Offeror represents that the Offeror is not China or a Chinese-owned company.

(End of Provision)

[END OF SECTION]

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

**ATTACHMENT J-1**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**AT**

**JOHN C. STENNIS SPACE CENTER**

**PERFORMANCE WORK STATEMENT**

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The John C. Stennis Space Center (SSC), located in Hancock County, Mississippi, is a field center of the National Aeronautics and Space Administration (NASA). The Center resides on a 22 square mile fee area and serves as the nation's largest rocket engine testing facility. Additionally, the Center hosts over 30 major Federal, state, academic and private organizations. NASA and tenant organization employees total approximately 5,200 personnel.

This work statement addresses the NASA Information Technology (IT) requirements for SSC. Requirements will include providing systems and services to NASA, Resident organizations, onsite contractors and onsite commercial tenants. The SSC Chief Information Officer (CIO) is responsible for governance of all NASA IT at the SSC. IT services are provided through a combination of Agency IT Infrastructure Integration Program (I3P) contracts and this ITS contract. The ITS Contractor shall serve as the primary provider of IT capabilities through the implementation of the ITS Performance Work Statement (PWS) and coordination of services with I3P service providers. The Contractor shall provide:

- Information Technology Planning, Policy and Management Services
- Application and System Services
- Audio Visual (AV)/Video Services
- Communication Services
- Technology Support Services

The contract type for this PWS is firm fixed price (FFP) and firm fixed price level of effort (LOE). The "Core" firm fixed price component consists of all requirements in Sections 1 through 6 with the exception of Section 3.3 "End User Systems and Services" and Section 5.4.2 "Cable System - Installation, Modification, Removal and Repair (IMRR)." "Estimated Workload Data" and the PWS specifications define the basis for quantity of services and systems in the Core.

The LOE portion of the contract will consist of:

- Additive quantities of services and systems above and beyond those defined in PWS Sections 1 through 6
- All requirements in Section 3.3 "End User Systems and Services"
- All requirements in Section 5.4.2 "Cable System – IMRR"

Any specific roles, functions or positions contained within the body of this PWS represent NASA SSC personnel unless specifically stated otherwise.

## 1 CONTRACT MANAGEMENT

PWS Section 1, Contract Management, identifies the overall management and business administrative duties that are applicable to or related to the performance of the functional areas described in this PWS. The Contractor shall provide a contract management capability to meet the requirements of this PWS and to innovatively and effectively respond to dynamic mission support requirements. In performance of contract management functions, the Contractor shall:

- Designate a single Point of Contact (POC) with contractual obligation authority for all contract administration functions and activities required in performance of this contract. This POC shall have access to all contract administration data and information related to performance of this contract. Additionally, this POC will function as an onsite Program Manager (PM) who shall have authority over all technical, business, personnel, performance, schedule and cost components of Contractor activities in execution of this PWS.
- Perform technical, business and safety functions to plan, implement, track, report and deliver the required products and services described in the PWS and contract.
- Ensure the implementation of management practices to proactively pursue innovation and technology advancement to enhance customer satisfaction and service delivery.
- Ensure the implementation of effective systems engineering, business management and other quality practices to deliver the services in an efficient and integrated manner and at a sustained high level of success.
- Implement practices to ensure effective communication of management, technical, quality, financial and customer satisfaction issues that may arise in the performance of this contract.
- Support the execution of the Center's established IT governance model, processes and policies to ensure well-informed strategy, policy, architecture, standards and investment decisions.
- Apprise the SSC Contracting Officer (CO), SSC Contracting Officer's Representative (COR) and CIO immediately of any issues that could have an adverse impact on successful performance of the contract requirements.

### 1.1 Project Management

The Contractor shall provide technical, financial, schedule and risk management of all ITS functions and tasks in accordance with applicable NASA policies and procedures listed in Appendix A of this PWS. In performance of these functions, the Contractor shall prepare and submit monthly reports of project plans, status, resources and schedules in accordance with all Data Requirements Descriptions (DRDs) specified in Attachment J-2 of this PWS. The Contractor shall:

- Plan, document and execute all projects, tasks and operational functions in accordance with NASA program and project management policies and procedures. Refer to Appendix A for a listing of policies and procedures.
- Complete requirements of this contract so work performed fully meets the performance objectives of the contract; is performed within the schedule; is accomplished within the contract value and any executed LOE Task Orders; and is accomplished in a safe, professional and high quality manner.
- Capture and maintain accurate project and operations requirements.
- Maintain project history and modifications requested by the Government.
- Provide innovative management ideas, concepts or synergistic solutions that result in operational efficiencies for the Center.
- Respond to changing service requirements and prioritize tasks to best accomplish the requirements of the contract to meet Center and Agency priorities. Prioritization shall be validated with NASA/SSC CO, COR , CIO and Technical Managers.
- Collect and report contract metrics data, including all metrics data specified in this PWS and additional metrics identified by the Government. Refer to Attachment J-2 DRDs for additional information on metrics collection and reporting.
- Prepare and conduct monthly project/contract management reviews including presentation and discussion of project priorities, project statuses (technical, financial and schedule), significant accomplishments, contract metrics, risk management and problem areas.

## 1.2 Financial Management

The Contractor shall employ sound financial management practices and systems while utilizing flexible and innovative procedures to the maximum extent practical to ensure compliance with Government cost charging and reporting requirements. The Contractor shall operate within the contract value and each individual LOE task order amount. The Contractor shall be responsible for providing financial services that comply with the NASA financial systems' requirements outlined in this section of the PWS to satisfy applicable reporting requirements.

The Contractor shall implement, maintain and operate work control and financial systems and processes that are capable of tracking at the applicable level of the PWS in addition to the individual LOE task orders. The work control and financial systems and processes shall:

- Collect sufficient data to ensure accurate assessment of cost to NASA and reimbursable funding sources, PWS elements and task order LOE projects.
- Track, control and report fixed price and LOE at the individual PWS and task order level.
- Process a monthly cost file submission per MF02, *Financial Management Report Detail (electronic)*.

- Provide accurate and timely cost estimation for task order LOE projects.

The Contractor's financial system shall interface with NASA financial systems to provide financial reports to comply with NASA's financial reporting requirements. The Contractor shall provide a monthly accrual based on these reporting requirements. The NASA Office of the Chief Financial Officer must approve the accrual method including any changes. The Contractor's system shall provide cost by Customer Code and PWS by fixed price and individual LOE task orders. The Contractor's system shall provide workforce data by Work Year Equivalent (WYE) and hours at the same level as cost is reported. The detailed cost shall be provided monthly for inclusion in NASA's financial systems in an electronic flat file format (reference MF02, *Financial Management Report Detail (electronic)*).

The Contractor shall conduct a monthly financial resources review (reference MF08, *Monthly Resources Management Status Review*, including example formats) as directed by the NASA CO in coordination with the NASA Deputy Chief Financial Officer of Resources to provide insight into financial performance and utilization of resources.

These reviews shall include, but are not limited to, the following data:

- Government Fiscal Year (GFY) phased financial plan – both rate and cumulative for the fixed price PWS applicable level and individual LOE task orders by Customer Code
- WYE with associated hours by PWS for Core and each LOE task requirement
- Actual cost and Accrued cost for each plan provided in the first bullet item listed above
- Projected GFY End of Year (EOY) estimate and Data Trending analysis
- Baseline adjustment analysis
- Variance analysis
- Contract Year comparison to GFY (Total Contract Level and by PWS)
- Contract Value Analysis and Trending

The Contractor shall support requests for development of the Government fiscal financial operating budget and other special budget exercises as required.

### 1.3 Documentation and Records Management

The Contractor shall ensure accurate and complete records (including vital records) of Government business are maintained in accordance with Federal requirements, NPR 1441.1, *NASA Records Retention Schedules*, and are segregated from company-owned records and from non-record materials. The term “records” is defined in 44 U.S.C. 3301 as “all books, papers, maps, photographs, machine readable materials or other documentary materials, regardless of physical form or characteristics, made or received by an agency of the United States Government under Federal law or in connection with the transaction of public business and preserved or appropriate for preservation by that Agency or its legitimate successor as evidence of the organization, functions, policies, decisions, procedures, operations or other activities of the Government or because of the informational value of data in them. Library and museum material made or acquired and preserved solely for reference or exhibition purposes, extra copies of documents preserved only for convenience of reference and stocks of publications and of processed documents are not included.” All data created for Government-use are Federal records subject to the provisions of 44 U.S.C. Chapters 21, 29, 31 and 33, the Freedom of Information Act (FOIA) as amended and the Privacy Act and must be managed and scheduled for disposition as provided in 36 Code of Federal Regulations (CFR) XII, Subchapter B. The Contractor shall:

- Maintain a records management program and submit a records management plan in accordance with DR DM01.
- Maintain a master records list and index of files in accordance with DR DM01.
- Provide NASA or authorized representatives with access to all Government records. The Government reserves the right to inspect, audit and copy record holdings.
- Submit an annual "Inventory of Records Holdings" to the NASA/SSC Records Manager, for which the records are maintained, in accordance with DR DM01.
- Manage legacy Federal records (data created for Government use and delivered to, or falling under the legal control of, the Government) inherited from previous contracts.
- Leave all Government-owned records with NASA at the completion or termination of this contract. The Contractor shall deliver or disposition the records as directed by the SSC Records Manager.
- Manage NASA-owned/Contractor held records in accordance with the following Agency policies:
  - NPD 1440.6, *NASA Records Management*
  - NPR 1441.1, *NASA Records Retention Schedules*
  - NASA-STD-2822, *Still and Motion Imagery Metadata Standard*
  - SPR 1400.1, *Document Preparation, Numbering and Management*
  - SPR 1440.1, *Records Management Program Requirements*
  - Title 36 of the CFR, Chapter XII, National Archives and Records Administration

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
1.3.a	Records Management	Accumulate, create, maintain and dispose of Government records, including printed files and electronic media.	As Required	Per standards listed above and DR DM01
1.3.b	Final Inventory of Government-owned Records	Deliver to the SSC Records Manager, 90 days prior to contract completion or termination, a final inventory of Government-owned records.	One (1) time at contract completion	DR DM02
1.3.c	Volume Report	Submit a volume report to accompany the final inventory, indicating the total quantity of records held. The volume shall be listed in cubic feet for hardcopy records and in megabytes for records in electronic formats. The SSC Records Manager will provide guidance on how to calculate the volume of hardcopy records.	One (1) time at contract completion	DR DM02

#### 1.4 Property Management (Government Furnished Equipment (GFE), Facilities and Utilities)

The Contractor shall protect all Government equipment/property against loss or damage and assign individuals to be primary and alternate Equipment Custodians (EC) for items used in support of this contract. The Contractor may be liable for replacement of items lost. The Contractor shall participate in the NASA/SSC inventory reporting program as required in DR LS01. Any failure in contract performance or equipment damage shall be documented by the Contractor and immediately reported to the Government for review. Refer to Attachment J-7, Government Furnished Property, for a complete listing of items that shall be managed by the ITS Contractor.

The Government will provide Government vehicles for the performance of work under this contract. Refer to Section H.23, *Motor Vehicle Management*, for additional information. The Contractor shall ensure proper vehicle operator care, inspections, operator maintenance and necessary steps to prevent misuse and damage to vehicles. The Contractor shall ensure that individual vehicle operators are licensed and are briefed on official use, base speed limits and seatbelt policies. Contractor will investigate vehicle incident, accident, misuse and abuse cases that involve their employees and recommend corrective action to the Government. Contractor will reimburse the Government for any damage to vehicles caused by their employees. The Contractor shall report vehicle

malfunctions to site vehicle maintenance and ensure the vehicle is made available for repairs or service. The Contractor may furnish their own vehicle to perform the requirements of this PWS with no liability to the Government.

The Government will provide facilities and utilities to the Contractor as defined in this Contract. Government facilities or portions thereof to be made available to the Contractor are identified in Attachment J-7. The Government will provide all utilities for Government facilities assigned to the Contractor for the performance of services identified in this Contract. The Contractor shall exercise reasonable efforts to conserve energy and comply with the requirements of SPR 8500.2, *SSC Environmental Operations and Implementation Program Procedural Requirements*, and SPLN-8500-0002, *John C. Stennis Space Center Energy-Efficiency and Water Conservation 5-Year Plan*.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
1.4.a	Keep Government-Furnished Facilities in a Clean and Safe Condition and Exercise Reasonable Care, Security and Protection of Same	Government-furnished facilities are identified in Attachment J-7.  When occupied or utilized, comply with all energy and water conservation directives.	Refer to Attachment J-7	No instances of safety violation, fire protection discrepancy or energy or water conservation regulation violation.

### 1.5 Emergency Management

The Contractor shall establish and implement an Emergency Management Program across all contract functions in compliance with the SPLN-1040-0006, *Emergency Management Plan*. The Contractor must inform their employees of what actions to take in the event an extreme weather plan is activated. The Contractor shall maintain employee contact information for emergency notification purposes. The Contractor shall provide a list of key employees with associated contact information to the Government and update as changes occur. The Contractor shall establish and maintain work instructions and procedures to ensure adequate protection of IT assets, personnel and continuity of operations during emergencies.

The Contractor's obligation may include resolution of unusual or emergency situations. The Contractor may be required to assist NASA, within the general scope of work, but in currently unidentified ways, in preparation for or in response to emergencies. Obligations under this requirement shall only arise when one or more of the criteria at Federal Acquisition Regulation (FAR) 18.001, enabling NASA to utilize "Emergency Acquisition Flexibilities," are met. If the emergency preparedness and response requirements result in changes to the contract, all contract adjustments will be processed in accordance with the Changes clause of this contract.

## 1.6 Personnel Management

The Contractor shall comply with requirements set forth in NPR 1600.1, *NASA Security Program Procedural Requirements*, and SPR 1600.1, *SSC Security Requirements Handbook*.

The Contractor is required to comply with Agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) Guidance M-05-24 and Federal Information Processing Standards Publication (FIPS PUB) Number 201 which includes both physical and logical access. See FAR Clause 52.204-9. The Contractor shall provide qualified employees with required clearances. Internal network access is only given to U. S. citizens. A list of key personnel shall be provided in accordance with DR MA01. Contractor shall provide management of its employees and resources. The Contractor shall not employ any persons for work on this contract who are identified to the CO as a potential threat to the health, safety, security, general wellbeing or operational mission of the installation and its population. Contractor shall establish standards for dress, appearance and conduct of their employees. Government-provided identification badges shall be prominently displayed at all times by Contractor employees while on the installation. Contractor "signature blocks" on e-mail and correspondence shall be structured to indicate that an individual is a Contractor. Employees who have day-to-day, direct customer contact shall be able to read, clearly write, speak and understand English.

Contractor shall provide technically competent personnel certified for the appropriate function. Employees shall be fully qualified to operate and maintain the systems to which they are assigned. The Contractor shall document a local on-the-job qualification and certification program for all employees to ensure that all knowledge standards are met and documented prior to allowing an employee to perform work without supervision.

Normal business hours for ITS support at SSC are 8:00 a.m. to 4:30 p.m., Monday through Friday except Federal holidays unless explicitly defined in sections of this PWS. Some support services will require activity outside of normal business hours to reduce



downtime and potential impact to customers. The Contractor shall perform the work under this contract at the John C. Stennis Space Center, Stennis Space Center, Mississippi. Work may be performed at other locations if it is:

- Specifically identified in this PWS, or
- Approved in writing by the CO.

Travel may be required to fulfill the requirements of this PWS. Locations and duration of travel will be specified by NASA technical managers during the execution of the contract. All travel must receive approval from the COR and the CO prior to departure. Refer to Section B for additional information on travel requirements and associated cost.

The Contractor shall use Industry Standards and Federal, state, SSC and local qualifications for licensing or certifications, or as otherwise may be required in specific sections. The Contractor shall ensure all personnel are trained for their assigned positions and that said training is maintained current for activities that require periodic re-training and/or re-certification. Employee shall not be allowed to perform a task for which the certification is not current. Examples of training that will require periodic maintenance are on-site courses associated with Safety and Health Procedures, such as Hearing Conservation, Lockout/Tagout, Asbestos Awareness and other related courses.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
1.6.a	Furnish a Sufficient Number of Competent and Qualified Personnel to Accomplish PWS Services	Personnel must be properly trained, qualified and certified, if required, to perform the types of work requiring specific knowledge and skills as identified in all functional areas.	Contractor determined	No incident of an unqualified person, lapsed certification or license.
1.6.b	Certified System Administrator	All individuals who perform as a System Administrator or have authority to perform functions normally performed by a System Administrator shall be industry certified.	Contractor determined	100% of all System Administrators are industry certified. Certifications must be acceptable to

				Government Program/ Operations Managers.
1.6.c	Maintain Personnel Records	Records shall be maintained on certifications and licenses of required personnel as required in DR RA04.	Contractor determined	Personnel records are accurate, current and complete with no instances of Privacy Act violations.

### 1.7 Safety, Health and Environmental (SHE)

NASA is strongly committed to the safety and health of the workforce, teamwork and integrity between organizations in order to achieve mission success. Safety requirements are a part of the occupational and environmental health of personnel and activities. NASA's commitment is achieved by the following SHE critical elements:

- Management leadership and employee involvement
- System and worksite analysis
- Hazard prevention and control
- SHE training
- Environmental compliance

These elements allow for the establishment of a highly skilled, diverse and motivated workforce committed to achieving mission success. The NASA management team is committed to preventing human injury and ensuring the safety of all operations and products. The Contractor is expected to support these endeavors and demonstrate the same commitment.

SSC Safety and Mission Assurance Directorate (SMA) Technical Authority (TA):

The SSC SMA TA implementation involves the Safety, Quality, Risk Management, Independent Assessment and Mission Success aspects that are expected to function independently of Programs/Projects. This ensures the consideration of alternate views and the opportunity for dissenting opinions to be vetted and acted upon as necessary. On technical matters, the assigned SMA TA provides an

organizationally and financially independent voice, equal to programmatic authority. The SMA TA resides in an SMA organization; is matrixed to support the program or project; and coordinates the SMA activities. Contractor workforce individuals will exercise technical consciousness by raising technical issues that have safety implications to their direct supervision and to the designated project/systems technical authorities.

The NASA SMA is the office of primary responsibility for the implementation and conduct of SMA TA across NASA. The Center Director is the final TA. The SSC Center Director has delegated specific responsibilities to the NASA SSC SMA Director as implemented in SPLN-1200-0003, *SSC SMA Technical Authority Implementation Plan*. All SSC NASA organizations, including supporting contractors, are expected to support this technical authority model.

The Contractor shall implement, operate and maintain a SHE Program in accordance with:

- NPR 1800.1, *NASA Occupational Health Program Procedure*
- NPR 8621.1, *NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating and Recordkeeping*
- NPR 8715.1, *NASA Occupational Safety and Health Programs*
- NPR 8715.3, *NASA General Safety Program Requirements*
- SPR 1280.1, *John C. Stennis Space Center Management System Requirements*
- SPR 7120.1, *John C. Stennis Space Center Risk Management Procedural Requirements*
- SPR 8500.2, *John C. Stennis Space Center Environmental Operations and Implementation Program Procedural Requirements*
- SPR 8715.1, *John C. Stennis Space Center Safety and Health Program Requirements*
- SSP-8715-0001, *John C. Stennis Space Center Safety and Health Handbook*
- SCWI-8500-0004-ENV, *John C. Stennis Space Center Hazardous Material, Hazardous Waste and Solid Waste Plan*
- SCWI-8500-0019-ENV, *John C. Stennis Space Center Asbestos Hazard Control Plan*
- SCWI-8715-0003, *John C. Stennis Space Center Fall Protection Program*
- SCWI-8715-0004, *John C. Stennis Space Center Confined Space Entry Program*
- SCWI-8715-0005, *John C. Stennis Space Center Safety, Health, Housekeeping and Essential Item Inspections*
- SCWI-8715-0016, *John C. Stennis Space Center Close Call Reporting System (CCRS)*
- SCWI-8830-0001, *John C. Stennis Space Center Facility Manager Program Handbook*
- SPLN-1200-0003, *SSC Safety and Mission Assurance Technical Authority Implementation Plan*
- SPLN-8500-0002, *John C. Stennis Space Center Energy-Efficiency and Water Conservation 5-Year Plan*
- SPLN-8621-0003, *John C. Stennis Space Center Mishap Preparedness and Contingency Plan*

- Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA) and other Government safety and health regulations and industry standards, as applicable.

The Contractor shall operate Government-owned facilities and equipment in a safe manner according to OSHA guidelines, SSC's Environmental Management System (EMS) and International Organization for Standardization (ISO) 14001 Standards. The Contractor shall prevent the unnecessary waste of resources. Contractor shall ensure that personal work areas present a clean, professional appearance at all times, and do not pose safety or security risks. Contractor will correct safety, security and resource discrepancies immediately, or report the discrepancy to the Government if unable to make the correction. Contractors will assist the Government in investigating safety or security deviations when related to Contractor functions or personnel.

The Contractor shall participate in the Facility Manager Program in accordance with SCWI-8830-0001, *John C. Stennis Space Center Facility Manager Program Handbook*. The program helps to ensure a safe, healthy and efficient workplace for all NASA SSC building occupants and provides for centralized reporting of facility issues. When requested by NASA, the Contractor shall appoint a Facility Manager for the buildings which are occupied by its employees.

SSC has been established as an OSHA-recognized Voluntary Protection Program (VPP) Star Site. The Contractor shall provide a Safety Program that is certified by OSHA VPP within 18 months after contract start.

The Contractor shall perform an annual SHE self-assessment of the Contractor's SHE Program in accordance with DR SA02, *Contractor Safety and Environmental Health Program Annual Self-Evaluation Report*.

The Contractor shall ensure risks are managed through the systematic identification, assessment and control of hazards and their associated risks. The Contractor shall address Risk Management Planning as part of DR SA01, *Safety and Health Plan*. The Contractor shall use the NASA provided Integrated Risk Management Application (IRMA) database in accordance with SPR 7120.1, *John C. Stennis Space Center Risk Management Procedural Requirements*.

The Contractor shall develop, maintain and ensure the following deliverables are accurate and timely as defined in the specific DRs listed below:

- DR SA01, *Safety and Health Plan*
- DR SA02, *Contractor Safety and Environmental Health Program Annual Self-Evaluation Report*
- DR SA03, *Mishap and Safety Statistics Monthly Report*

- DR SA04, *Mishap and Close Call Notification*

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
1.7.a	Conduct Mishap Notification, Investigation and Corrective Action Reporting	The Contractor shall use the NASA Mishap Information System (NMIS) to record and track to closure all close calls and mishaps, as required in DR SA04. The Contractor shall conduct and provide support for close calls and mishap investigations, including any required followup to safety technical issues in accordance with NPR 8621.1, <i>NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating and Recordkeeping</i> , and SPLN-8621-0003, <i>John C. Stennis Space Center Mishap Preparedness and Contingency Plan</i> . Notify the NASA SMA of all mishaps (including close calls) immediately.	Per Event	Compliance with NPR 8621.1 and SPLN-8621-0003.
1.7.b	Develop Safety and Health Plan in Compliance with OSHA and VPP Requirements	The Safety and Health Plan must define the type, levels and inter-relationships of the documentation that defines the safety system as required in DR SA01.	One (1) Safety Plan	Operations are in compliance with SPR 8715.1.

### 1.8 Quality Assurance and Control

The Contractor shall submit a Quality Assurance Management Plan (QAMP) in accordance with DR RA01 that specifies the Contractor’s approach to assuring delivery of quality products, material and services. The Contractor shall also submit a QAMP Quarterly Summary Report in accordance with DR RA02.

The Contractor shall ensure all personnel performing work are properly trained, certified and qualified for assigned work requirements, to include recognition of job hazards for any equipment used.

The Contractor shall participate in the Government-Industry Data Exchange Program (GIDEP) and NASA Advisory Program in accordance with NPR 8735.1, *Procedures for Exchanging Parts, Materials, Software and Safety Problem Data Utilizing the GIDEP and NASA Advisories*, and SWI-8735-0001, *John C. Stennis Space Center Government Industry Data Exchange Program (GIDEP)/NASA ALERTS Implementation*. When assigned by the SSC NASA/GIDEP Coordinator, the Contractor shall evaluate the GIDEP and NASA Advisory documents for applicability and take appropriate action per program requirements. The Contractor shall input site specific information into the GIDEP System. When requested by the Government, the Contractor shall provide information on the usage of the GIDEP. When applicable, the Contractor shall establish and implement a parts management program for ensuring the integrity of all mechanical and electrical, electronic and electro-mechanical (EEE) parts in accordance with NPD 8730.2, *NASA Parts Policy*, and SPR 8730.2, *John C. Stennis Space Center NASA/SSC Parts and Control*.

The Contractor shall implement, operate and maintain a Quality Management System in accordance with NPD 8730.5, *NASA Quality Assurance Program Policy*; SPR 1280.1, *John C. Stennis Space Center Management System Requirements*; and American National Standards Institute (ANSI) American Society for Quality (ASQ) ANSI/ISO/ASQ Q9001, *Quality Management Systems Requirements Standard*, and the following:

- NPD 1280.1, *NASA Integrated Management System Policy*
- NPD 8730.2, *NASA Parts Policy*
- NPD 8730.5, *NASA Quality Assurance Program Policy*
- NPR 8735.1, *Procedures for Exchanging Parts, Materials, Software and Safety Problem Data Utilizing the GIDEP and NASA Advisories*
- SPR 1280.1, *John C. Stennis Space Center Management System Requirements*
- SPR 8730.2, *John C. Stennis Space Center NASA/SSC Parts Control Program*
- SCWI-8710-0004, *John C. Stennis Space Center Internal Audit Process*
- SCWI-8730-0002, *John C. Stennis Space Center Corrective Action, Preventive Action and Continual Improvement*
- SCWI-8730-0004, *Instructions to Initiate and Process Form SSC 715- CPI Report*
- SWI-8735-0001, *John C. Stennis Space Center Government Industry Data Exchange Program (GIDEP)/NASA ALERTS Implementation*

The Contractor will record all performance/surveillance observations in writing. When an observation indicates defective performance, the Contractor shall identify the deficiency in writing to NASA. The written response shall contain the action taken to correct the deficiency, the action taken to prevent future occurrences and identify why the Contractor’s Quality Control program failed to detect and fix the deficiency. NASA may require a meeting with the Contractor to discuss quality assurance issues. Written minutes of any such meetings shall be recorded in the contract files and acknowledged by the Contractor. If the Contractor does not concur with any portion of the minutes, such non-concurrence shall be provided in writing to the CO within ten (10) working days.

The Contractor shall develop, maintain and ensure the following deliverables are accurate and timely as defined in the specific DRs listed below:

- DR RA01, *Quality Assurance Management Plan*
- DR RA02, *Quality Assurance Management Plan (QAMP) Quarterly Summary Report*

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
1.8.a	Develop QAMP that defines the Contractor’s Quality Management System. The Plan shall be in Compliance with NPD 8730.5, SPR 1280.1 and ANSI/ISO/ASQ Q9001	The Quality Plan must define the type, levels and inter-relationships of the documentation that defines the organization quality system. A “tree” diagram showing various types of policies, plans, procedures and work instructions related to one another could be used.	One (1) Quality Plan	No instance of non-compliance.
1.8.b	Conduct and Support Compliance Audits	The Contractor shall conduct internal compliance audits and provide support during audits or surveys performed by the Government or by third parties to include data entry into the NASA provided database. The Contractor shall record	Conduct internal audits per Contractor’s plan  Support three (3) -	No instance of non-compliance.

		and track audit findings to closure in accordance with SCWI-8710-0004. The Contractor shall also track to closure all quality corrective action requests assigned to the Contractor through the NASA Corrective Action System by NASA SMA and the SMA Support Contractor.	five (5) Government or third party audits annually	
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## 1.9 Information Technology

This portion of the PWS addresses the Contractor’s requirements for utilization of IT resources in the execution of the contract. Requirements for IT systems and services delivered to the Government are defined in Sections 2 through 6 of this PWS.

The Government will provide to the Contractor computers, telecommunications, network connectivity and related services required in the performance of services covered by this Contract. All requests shall be submitted to the Office of the Chief Information Officer (OCIO) for guidance and approval. The Contractor shall use SPD 2800.1, *Provision of Institutionally Funded IT Resources and Services*, for guidance.

The Government will not provide computer services required for the Contractor’s internal operations such as corporate accounting or other Contract accounting. Development, implementation, maintenance and use of equipment, supplies, software and hardware systems shall be in compliance with NASA IT policies.

The Contractor shall adhere to all Agency and Center IT policies and procedures and any approved modifications to these policies and procedures to include:

- NPD 2540.1, *Personal Use of Government Office Equipment Including Information Technology*
- NPD 2800.1, *Managing Information Technology*
- NPD 2810.1, *NASA Information Security Policy*
- NPR 2800.2, *Electronic and Information Technology Accessibility*
- NPR 2810.1, *Security of Information Technology*
- NPR 2841.1, *Identity, Credential and Access Management*
- NPR 7120.7, *NASA Information Technology and Institutional Infrastructure Program and Project Management Requirements*
- NPR 7150.2, *NASA Software Engineering Requirements*



- SPD 2800.1, *John C. Stennis Space Center Provision of Institutionally Funded IT Resources And Services*
- SPD 2800.4, *John C. Stennis Space Center Policy Directive Information Technology Project Management*
- SPD 2810.1, *John C. Stennis Space Center Policy Directive Information Technology (IT) Network Security*
- NASA-STD-2804, *Minimum Interoperability Software Suite*
- NASA-STD-2805, *Minimum Hardware Configurations*

IT Security: The Contractor shall ensure its employees, in performance of the contract, complete annual NASA IT security training by the designated due date. The Contractor shall use System for Administration, Training and Educational Resources for NASA (SATERN) or the current NASA training system to meet this requirement. The Contractor shall ensure its employees adhere to NASA IT Security policies, procedures, computer ethics and best practices.

Security of the Contractor's IT resources (including personnel) shall be in adherence to NASA Agency and the respective Center's IT Security standards as outlined in NPR 2810.1 and SPD 2810.1. The Contractor shall implement and provide an Information Security Management Plan as specified in DR IT01 for all personnel and Contractor owned, maintained or operated IT components.

NASA IT security personnel will have the authority to conduct security reviews at all Contractor locations that possess or use NASA data or that operate, use or have access to NASA information systems. NASA data is defined as any data which is collected, generated, maintained or controlled on behalf of NASA. This includes any methods used in the generation of said data. There should be no expectation of privacy when utilizing the Center's networks. These responsibilities shall extend to equipment that is acquired by the Contractor in support of the performance of the contract. All computer systems operated by the Contractor in the performance of this contract shall have virus protection and regular vulnerability scanning utilizing the Agency or Center identified tools. IT security vulnerabilities shall be appropriately identified and remediated. IT security incidents shall be reported in accordance with NPR 2810.1 and all applicable Center policies and procedures. The Contractor shall assist the Government in maintaining a level of security that minimizes the threat of unauthorized access to IT resources and the destruction of NASA data.

The Contractor shall develop, maintain and ensure accurate and timely delivery of all requirements specified in DR IT01, *Information Security Management Plan*.

Communication Systems: Handheld ultra-high frequency (UHF) radio, desktop telephone and mobile telephone communication capabilities will be provided to the Contractor by the Government to support ITS tasks. The type and quantity of equipment is determined by the OCIO. The Government will provide encrypted radios for required functions. Any new systems requiring use of radio frequencies must be authorized by the SSC Spectrum Manager.

Desktop and Mobile Computer Hardware/Software: The Government will provide appropriate hardware and software as specified in NASA's Basic Interoperability Standards: NASA-STD-2804 and NASA-STD-2805. The ITS Contractor shall provide access to Government provided IT resources as needed for repair, inventory control and/or configuration management (CM).

Hosting/System Administration: Hosting and system administration responsibilities for data generated and/or maintained for the execution of this contract are based on the following categorizations:

- NASA Data: NASA data is defined as any data which is collected, generated, maintained or controlled on behalf of NASA. This includes any methods used in the generation of said data. Any system, database, spreadsheet or other file that contains NASA data must reside in the Stennis Data Center (SDC). The Government may at any time access systems and review any information contained therein. NASA data, including all changes made under this contract, is Government property and is for the exclusive use of the Government. This data may not be transferred to another location, in any form, without the written consent of the Government. This data may not be used by the Contractor for any purpose other than work required in the performance of this Contract.
- Corporate Data: The Contractor is required to furnish all hardware and software necessary to meet contract requirements that are not provided by the Government such as: human resources, corporate purchasing, corporate accounting or other contract accounting functions necessary to execute the scope of the ITS contract. The Contractor is not permitted to operate systems on a NASA network that are not required to execute the scope of the ITS contract. The Contractor shall be responsible for ensuring that corporate systems residing on a NASA network comply with all NASA IT security policies and are covered under an IT System Security Plan. The Contractor is responsible for the administration and management of corporate systems.

## **2 INFORMATION TECHNOLOGY PLANNING, POLICY AND MANAGEMENT SERVICES**

### **2.1 CIO Technical Support**

The Contractor shall provide technical support to the functions and services associated with the SSC OCIO. Support includes researching new technologies and commercial off the shelf (COTS) products for possible application and improvements. The Contractor shall analyze the benefits of the technology to include potential process improvements and cost reductions. Additionally, the Contractor shall provide Rough Order of Magnitude (ROM) estimates to accomplish the proposed solutions. The Contractor shall also provide support for the Center provided IT services. Technical support shall be provided for the following areas:

Attachment J-1

- 2.1.1 Strategic Planning Support Services: The contractor shall provide near and long term information technology strategic planning support to the SSC OCIO. Support includes:
- Assisting in the development and revision of the SSC OCIO strategic plan to ensure that NASA, Agency OCIO and SSC strategic plan objectives are met.
  - Assisting in the assessment of new information technology capabilities including: conducting market research, developing cost benefit analyses, conducting feasibility studies and developing implementation options/plans.
  - Research, analysis and planning support for the adoption of Agency and Center IT initiatives.
  - Coordinating with the OCIO, SSC Program POCs and subject matter experts.
- 2.1.2 IT Governance: The contractor shall provide support in the development and implementation of IT governance and management structures, processes and related tools. Support includes:
- Assisting in the development of applicable IT Policies and procedures.
  - Providing support to establish and manage organizational structures, such as boards and committees, in support of CIO activities.
  - OCIO risk management support including identification and tracking of SSC IT risks.
  - Capital Planning and Investment Control (CPIC) support.
- 2.1.3 Outreach: Perform outreach activities such as developing OCIO outreach material, interfacing with NASA SSC IT customers and coordinating the annual OCIO IT Expo. The Contractor shall work with designated IT Center representatives to support outreach activities and provide recommendations on the implementation of new IT-related business practices. Additionally, outreach activities shall promote awareness and educate the user community of SSC OCIO IT services.
- 2.1.4 IT Service Management: The Contractor shall review IT service requests (SRs) for validity, correctness and track orders until completion. This includes coordinating orders and forwarding to the appropriate organizations for processing and implementation. On a monthly basis, the Contractor shall provide metrics pertaining to the processing of IT SRs and ad-hoc reports as requested by the OCIO. The Contractor shall use government provided seat and service request systems for IT service management functions.

The contractor shall:

- Initiate and/or assist in the initiation and processing of seat move, add, change and delete (MACD) requests for: telephone, radio, cable television, LAN, software and desktop.
- Conduct daily service reviews with all aforementioned seat service providers to resolve issues, status MACD orders and establish daily and future seat schedules/plans.
- Maintain cost centers and cost center approvers.
- Provide informal training for end users and cost center approvers.
- Provide monthly seat cost processing/allocation for the following seats: telephone, radio, cable television and LAN.
- Provide seat reconciliation services for SSC and Agency (I3P) seat management systems.
- Coordinate with service providers/technical teams and SSC seat customers to ensure that all IT service management tasks are completed within specified metrics.

2.1.5 Enterprise Architecture (EA) Support: The contractor shall provide EA support to the SSC OCIO.

The contractor shall:

- Assist in review of EA documentation, policies and procedures
- Participate in Agency EA teams / activities
- Assist in development of EA data call responses.

2.1.6 IT Policies and Procedures Support: Develop policies, procedures, work instructions and related documentation as required to support Center and IT requirements.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
2.1.a	IT Governance	Support NASA in the establishment and management of IT governance structures such as boards and committees in support of CIO activities.	SSC CIO Executive Board (or equivalent) Meetings: three (3) per year or as	Presentation materials, meeting minutes and related documentation are accurate and timely.

			determined by the board chair.  SSC IT Project & Services Management Board (or equivalent) Meetings: quarterly or as determined by the board chair.	
2.1.b	Outreach	Develop OCIO outreach materials and interface with NASA SSC IT customers. Coordinate and support the SSC OCIO IT Expo.	OCIO IT Expo – Annually  Outreach Materials as required	Accurate and timely data.
2.1.c	IT Service Management	Review IT SRs for validity, correctness and track orders until completion.	12,000 orders processed annually.	Accurate and timely data.
2.1.d	IT Service Management	Provide metrics report pertaining to the processing of IT SRs and ad-hoc reports as requested by the OCIO as required in DR IT03.	See 2.1.c	Accurate and timely data.
2.1.e	IT Service Management	Provide seat MACD SR support.	See 2.1.c	Single end user (all seats assigned to user) orders submitted within two (2) hours of receipt.  Group orders (multiple end users) submitted within one (1) business

				day of receipt or per contractor/customer agreement.
2.1.f	Enterprise Architecture Services	Participate in Agency meetings and provide SSC data as required.	Bi-weekly teleconference.  Bi-annual meetings.	Data accurate and timely.
2.1.g	Documentation Preparation	Documents are written in accordance with NASA Standards listed in Appendix A.	Approximately one (1) document per month	Accurate and timely.

## 2.2 IT Security Services

The Contractor shall provide IT Security Services for all SSC managed resources. The Contractor shall provide IT Security Program Support, IT Security Risk Management, Intrusion Detection (ID)/Incident Response (IR) and IT Security Systems Engineering/Design/Implementation in accordance with the latest NASA, National Institute of Standards and Technology (NIST) and Federal Information Security Management Act (FISMA) requirements. NASA encourages innovation and welcomes new approaches to solve IT Security problems performed in collaboration with the Government.

2.2.1 NASA IT Security Program: The Contractor shall support the NASA/SSC Center Chief Information Security Officer (CISO) in implementing and managing the NASA IT Security Program in accordance with NPR 2810.1, *Security of Information Technology*. The CISO's role is to develop Center-wide IT Security policies and guidance, to provide computer security awareness and training, to maintain an IR capability and to document, review and report the status of the Center IT Security Program. The CISO's responsibilities are further defined in NPR 2810.1. The Contractor shall provide the following support elements:

- Provide primary IT Security POC to support the Government on all issues and functions related to IT Security.
- Staying current on information technologies and/or products.
- Provide updates for maintaining the NASA/SSC IT Security Program Official Web page.
- Participate in Agency IT Security Meetings and provide meeting details to Center CISO and Deputy CISO.

- Provide support with responding to Agency actions.
- Provide documentation support as needed to improve the Center's Information Security program.
- Assist CISO with coordination of security activities with other NASA Centers and Headquarters (HQ).
- Assist in managing Sensitive But Unclassified (SBU) information/Controlled Unclassified Information (CUI).
- Provide engineering support for all IT Security activities being provided at SSC.
- Ensure IT Security Support Personnel have the appropriate security clearance (some IT Security Personnel will require at least Secret clearance).
- Provide IT security communication and training POC. Assist in all aspects of information security training including employee awareness and system administrator training. Perform as SSC CISO liaison to Agency IT Security Awareness and Training Center (ITSATC). Includes dissemination of awareness materials to SSC user community, tracking IT security training metrics, and coordination of cyber security awareness monthly activities.

#### 2.2.2 IT Security Risk Management: The Contractor shall:

- In collaboration with the Government, coordinate the design and implementation of practices that assess and quantify risks.
- Develop materials, coordinate and conduct quarterly SSC System Administrators Working Group meetings. Meetings shall address current/relevant IT security topics.
- Provide a full range of IT Security Plan services to ensure Center compliance with NASA NPR 2810.1. This includes but is not limited to: risk assessments; vulnerability assessments; system documentation; contingency planning and annual reviews; maintaining the site IT Security Plan registry; and supporting local System Administrators.
- Provide support for security planning, risk mitigation and information protection as required by NASA Policy.
- Provide administration support for Center IT Security System Security Plan Repository.
- Synchronize any Assessment and Authorization (A&A) data between local SSC systems and that which is required for reporting in Agency A&A systems.
- Perform system penetration testing for all systems within scope of this contract as directed by the Government, at least once annually. This includes:
  - Using a Global Information Assurance Certification (GIAC) Penetration Testing (GPEN) certified lead.
  - Establishing a signed Rules of Engagement prior to any activities.
  - Prior communication with appropriate parties, such as the SSC IR Team and affected system owner(s).
  - Coordinating with Agency officials and penetration testers, as appropriate.
  - Final report to include details of findings (capturing the associated risks) and recommendations.

- Incorporate pen test findings into system security plans.
- Support 3rd party IT security audits and track the findings which will be used to improve the overall security of SSC systems and networks.
- Support SSC activities conducted to provide continuous diagnostics and mitigation across SSC IT assets.
- Maintain and operate systems specifically addressing continuous monitoring including updating databases, operating systems and applications as necessary.
- Conduct discovery, non-credential and credential vulnerability scans per Agency guidance of all systems within scope of this contract.
- Coordinate with the Systems Administrators to resolve identified vulnerabilities in accordance with NASA Policies, Procedures and Requirements.
- Conduct analysis of the vulnerability scan data and patch management data produced from Government-provided tools. Analysis shall include current status charts/graphs, trending information, risk ranking of identified vulnerabilities and complete, effective and resource-efficient mitigation strategies.
- Provide application administration for vulnerability and patch management tools defined by the Agency.
- Collaborate with Government, corporate and academic IT security communities to maintain a strong IT security posture. This can be accomplished by participating in tool evaluation, policy and procedure reviews and user support.
- Provide ad-hoc reporting services to include data from various information technology systems.
- Establish, modify and monitor application rule sets for the SSC provided flow monitoring tools, security event managers, network sniffer systems and Intrusion Detection Systems (IDS).
- Provide IT Security guidance, direction and assistance to include current system issues, metrics and special reporting requirements to System Administrators who support servers for various organizations with IT systems on the SSC networks.
- Perform the role of Security Control Assessor as defined in NIST Special Publication (SP) 800-37 for SSC Managed Systems and Applications. Tasks include developing the Security Assessment Plan, performing the assessment, issuing a Security Assessment Report and performing ongoing assessments.
- Provide technical and administrative support for IT Security Policy Enforcement in the NASA Consolidated Active Directory (NCAD) environment. This includes the development, testing, maintenance and retiring of Group Policies (GPOs) to secure SSC systems. Prepare and submit IT Security Risk Analysis Reports to provide vulnerability and patch status metrics for all SSC IT systems determined to be in scope by the Government in accordance with requirements defined by NASA Policies and Procedures, as well as any metrics that are necessary to indicate compliance or lack of compliance with SSC IT Security Program.



2.2.3 Intrusion Detection and Incident Response (ID/IR): The Contractor shall provide incident ID and IR for networks and systems managed at SSC. The Contractor shall:

- Provide a skilled IT Security IR Team that can investigate causes; preserve evidence; identify potential security breaches, threats and concerns; and assist NASA in developing the appropriate reports and mitigation plans.
- Interface with the NASA Security Operations Center (SOC). Respond to IT security incidents identified by the SOC. Track and document all incidents and coordinate with NASA Offices, Agency contract teams and SSC contract teams to ensure that all items are addressed through resolution.
- Perform security impact analysis for system change requests including firewall rule changes.
- Deploy and utilize ID/IR tools, technical policies and procedures required by the Government in order to protect the SSC systems and networks.
- Respond to systems anomalies suspected of viruses, Trojans or other malware and coordinate response(s) with the system owners and service providers such as Agency Consolidated End User Services (ACES).
- Provide IT Security related analysis of network traffic and system logs of systems suspected of an IT Security incident, including the misuse of Government-owned or leased systems.
- Conduct analysis of the IT Security threats or compromises and provide feedback to the potentially affected organizations as soon as possible in accordance with Government guidance to ensure complete, effective and resource-efficient mitigation strategies.
- The normal business day for the IR Team in support of SSC services is defined as a five (5) day week, Monday through Friday (excluding holidays), eight (8) hours per day between 6:00 a.m. and 7:00 p.m.
- Provide 24 hours a day, seven (7) days a week and 365 days a year “on-call” support in addition to IR support provided during normal business hours. This "on-call" after hours support is limited to incidents rated as 'HIGH' by the NASA SOC, as well as incidents that present a high-level of risk to SSC or NASA network and computing resources, as determined by the Government.
- Maintain software and hardware forensics capability, to include analysis of network traffic, computers, servers and mobile devices. Mobile devices include but are not limited to: thumb drives, cell phones, tablets and portable disks.
- Operate and maintain the ID/IR tools and applications (e.g., flow monitoring tool, security event manager, sniffer, forensic lab applications and IDS) provided by the Government to detect and protect systems from unauthorized access, use, disclosure, destruction, modification or disruption of services.
- Document all IT Security incidents in accordance with the SOC and Agency Procedures.
- Maintain, operate and administer all SSC IR systems.

- 2.2.4 IT Security Systems Engineering/Design/Implementation: Provide systems engineering and architecture support to design, develop and implement new IT Security Systems and tools to enhance SSC's capability to protect data and assets. As the Agency continues to position itself to defend against new and emerging threats, the Contractor must support SSC in participating in new programs and initiatives. This includes the integration and implementation of new Agency/Center specified systems and acquiring necessary knowledge and skills to protect the Center.
- 2.2.5 NASA/SSC Classified Communications Security (COMSEC) Program: The Contractor shall provide NASA/SSC COMSEC account management support and manage the site COMSEC program, utilizing tools such as Secure Terminal Equipment (STE), cryptocards, and NASA Secure Network components, among others. Support shall include:
- Serve as a COMSEC Account Manager for NASA's COMSEC program and provide secure storage for classified COMSEC material in accordance with Government regulations.
  - Administer and maintain the NASA Secure Network.
  - Identify the specifications to support any requested classified containers.
  - Maintain an inventory of keying material and represent NASA during Audits.
  - Ensure all encryption devices are current with the appropriate keying material.
  - Attend the NASA COMSEC Workshops as necessary.
  - Interface with the NASA Central Office of Record and the National Security Agency (NSA).
  - Provide assistance to Resident organizations and tenants on a reimbursable basis.
  - Provide COMSEC User training and education.
  - COMSEC Account Manager and Alternate for NASA's COMSEC Program must have and maintain a Secret Security Clearance.
- 2.2.6 IT Security Network Monitoring Support: The Contractor shall support the NASA/SSC Network Manager (NNM) in the operations of network management and monitoring activities associated with NASA/SSC-owned networks. The current NASA-owned and operated network includes the following architectures: 10/100/1000 Ethernet and ten (10) Gigabit utilizing both single and multimode fiber and unshielded twisted pair (UTP) wiring which conforms to Category 5, 5e and 6 wiring standards. The IT Monitoring Center (IMC) consists of a variety of GFE, both hardware and software, which are used to monitor the network elements to ascertain the performance and status of the network. The Contractor shall provide the following:
- System Administration:

- Operate, maintain, secure and modify the configuration, when necessary, of existing IMC hardware and software.
  - Install, configure, operate, secure and maintain new IMC hardware and software.
  - Monitor user requirements and system performance to plan for enhancements, upgrades or reconfiguration of IMC resources. This includes the consideration of cost, schedule, performance, power, space limitations, networking, workflow and impact on users of the systems.
  - Diagnose anomalies in the operation of equipment or system software.
- Operations:
    - Review all network logs, events, alerts, alarms and network element syslogs, daily at a minimum, which are generated by all the network monitoring systems and network equipment. Report daily to the NNM on status of said reviews. Disposition all events generated by the IMC systems and report those, which require additional network field resolution, to the appropriate SSC contractor, Help Desks and contact local contractor personnel via negotiated contact method.
    - Correlate all IMC logs, network element syslogs and IMC events with IDS and firewall activity. Analyze and determine any and all patterns associated with network activity and report weekly to the NNM.
    - Perform network monitoring and assist the NNM with network analysis of “live” network traffic to detect and determine patterns both acceptable and unacceptable to the network.
    - Perform updates, including additions and deletions, to the IMC system data elements and update all related maps to reflect field changes performed by NASA/SSC contractors.
    - Provide IMC element status that includes but is not limited to: uptime, operating system, performance, availability and latency, as determined by the IMC as required in Monthly IT Services Metrics (DR IT03).
    - Perform analysis on network elements to determine operational issues or underutilization to the NNM on a monthly occurrence.
    - Implementing and maintaining a robust vulnerability scanning, identification and mitigation program utilizing the Agency-provided vulnerability scanning tool.
    - Maintain and implement an unauthorized modem scanning and identification program to be performed twice annually.
    - Maintain and implement unauthorized wireless scanning and identification program to be performed quarterly. This program shall comply with Agency and FISMA guidelines.
    - Operate and monitor the NASA/SSC IDS.
    - Network Architecture, Engineering and Operations Support: The Contractor shall be prepared to provide expertise in this area. Interface with NASA Integrated Services Network (NISN), SOC, Internet Protocol Address Management (IPAM), NCAD, NASA Communications Initiative (NCI) and I3P integration.

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
2.2.a	A&A	Maintain and assist in development and monitoring of security plans. Ensure completion of A&A activities for security plans per Center's schedule.	Approximately 40 IT security plans per year	Complete 100% of activities to achieve A&A requirements for SSC systems.
2.2.b	Testing COMSEC Devices	Test all encryption devices.	Monthly. Approximately five (5) to ten (10) encryption devices.	100% current with the appropriate keying material.
2.2.c	IR Time Business Hours	The Contractor shall respond to all incident response tickets within one (1) hour per NASA's SOC and the Incident Response Manager's (IRM) requirements during regular business hours.	Approximately 300 total incidents per year.	Zero (0) instances of failure to respond.
2.2.d	IR Time Non-Business Hours	The Contractor shall respond to incident response tickets that have been rated as a "HIGH" by the Agency NASA SOC within one (1) hour per NASA's SOC and the IRM's requirements during non-business hours.	See 2.2.c	Zero (0) instances of failure to respond.
2.2.e	Timely Vulnerability Scanning	The Contractor shall adhere to the Agency schedule for system and application scanning in order to identify IT Security vulnerabilities.	Approximately 40 systems (Refer to Attachment J-11)	100% scans successfully completed on schedule.
2.2.f	ID/IR Ticket Closure	The Contractor shall ensure that all SOC tickets and trouble tickets are closed within 14 days of receipt of the tickets or as directed by the CISO.	See 2.2.c	100% of tickets closed within 14 days of receipt.
2.2.g	Proper ID/IR Ticket Documentation	The Contractor shall ensure that all SOC tickets and trouble tickets are properly documented per NASA SOC guidelines.	See 2.2.c	All data accurate and timely.

2.2.h	Patch/ Vulnerability Status Metrics and Analysis Submission	The Contractor shall provide metrics on patch status and vulnerability scanning, as well as analysis of those metrics to the SSC CISO on weekly basis unless waived by the SSC CISO.	Approximately 40 systems	All data accurate and timely.
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### 2.3 IT Configuration Management

The Contractor shall provide IT CM for all systems developed, implemented and maintained by the Contractor and other SSC provided IT systems. Systems include but are not limited to: SDC Systems and Applications, Cable Plant, Telecommunications, UHF Radio, Cable Television (CATV), Data Circuits, Multimedia Systems, Video Systems, Closed Circuit Television (CCTV) Systems, AV Systems and SSC Software License Tracking.

The Contractor shall:

- Implement a consolidated CM function that assists the Government in managing and controlling NASA SSC IT assets and systems.
- Maintain and update baseline configuration, track and control changes of systems.
- Coordinate the activities of Configuration Control Boards (CCB) consisting of NASA, SSC contractors and SSC tenants to govern SSC IT system configuration changes.
- Maintain, enhance and utilize the Government provided Configuration Control Tracking System (CCTS) and/or other Government-approved systems for storing and managing CM data and configuration changes.
- Ensure integration and collaboration of boards from various IT disciplines and SSC functional areas to ensure effective operation of IT systems, limit outages to the greatest extent practicable and avoid interoperability issues.
- Communicate effectively with Agency-wide contract teams, SSC contract teams, NASA Institutional/Administrative Offices, NASA Program Offices and SSC tenants to achieve all configuration control objectives including coordination of outages with customers to ensure minimal impact to SSC operations.
- Ensure that all system and facility outages have received approval by customer organizations, system owners, and ITS POC's prior to occurrence.
- Provide validation of completion of testing and security checks prior to production release of new components or modifications to systems.

- Track component maintenance agreements, maintenance periods and age of components to identify potential risks associated with lapse of maintenance, end of life (EOL) and end of service (EOS).
- Track component power, environmental specifications and configuration.
- Coordinate power; heating, ventilation and air conditioning (HVAC); and facility requirements for IT systems with NASA and facility contractor teams.
- Assist all technical areas with the processing of IT procurements through the approved SSC purchasing system referenced in SPD 5100.1, *John C. Stennis Space Center Policy for Ordering of Materials and Support Services at Stennis Space Center*.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
2.3.a	CM and CM Systems	Maintain accurate information in CM automated systems. Establish and maintain baseline configurations and inventories of SSC information systems.	All systems in Attachment J-7 and all systems and applications developed and maintained in Sections 2 through 6 of this PWS	>99% accuracy level for Government-baseline systems.  Zero (0) outages resulting from configuration management discrepancies.
2.3.b	Outage Notification	Release notifications of planned and unplanned system outages to all affected users.	Estimated twelve (12) outages per month all systems combined	Planned: 48 hours prior to outage or as established by NASA PM. Unplanned: Within two (2) hours subsequent to initial outage.

#### 2.4 Help Desk Services

Help Desk services are required for ITS, Agency and other SSC provided applications and services. NASA/SSC categorizes levels of Help Desk support accordingly:

- Tier I Services: Includes the receipt, recording, tracking and initial assistance of all trouble calls. This level provides user account and password support, resolution of basic system functionality issues and triage/forwarding to appropriate tier II or III support.
- Tier II Services: Includes the resolution of trouble calls that involve moderately complex functional and technical issues. Tier II support is typically provided by application administrators or technical personnel who have in-depth technical and functional knowledge of a system, application or service.
- Tier III Services: Resolution of technically complex issues that require interaction with the system, application or service developer. The Contractor shall coordinate resolution of tier III issues with external vendors and maintenance service providers as required.

The Contractor shall provide:

- Tier I, II and III Help Desk services for all ITS systems and services as specified in Sections 2 through 6 of this PWS.
- Tier I Help Desk services for SSC trouble calls for Agency Applications and Systems.
- Tier I Help Desk services for non-ITS supported SSC Applications and Systems.

The Contractor shall:

- Provide Help Desk trouble call resolution and ticket closeout according to the categorization above.
- Establish a consolidated Help Desk capability to function as a single point of contact for all SSC IT trouble calls.
- Operate and maintain the SSC IT support telephone line and system configuration.
- Maintain Tier I, II and III call down structure including ITS and non-ITS Help Desk contacts.
- Coordinate with Agency help desk providers including the Enterprise Service Desk (ESD) and NASA Enterprise Applications Competency Center (NEAAC) to ensure effective/efficient transfer (incoming and outgoing) of help desk calls to the appropriate solution provider.
- Develop and maintain Help Desk knowledge database and documentation to increase efficiency and operation of Help Desk services.
- Maintain and update government approved Help Desk tracking system(s).

- Track all Help Desk calls, call status, resolution, tier type and call details by functional area in an automated tracking system.
- Provide monthly reporting of statistics from this system as required in DR IT03.
- Provide onsite Help Desk operations staffing support Monday through Friday from 4:30 a.m. to 10:00 p.m.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
2.4.a	Tier I Help Desk Call Resolution	Resolve Tier I calls.	Estimated 4,800 calls annually.	Resolve 95% of Help Desk calls in less than one (1) hour.
2.4.b	Tier II Help Desk Call Resolution	Resolve Tier II calls.	Estimated 1,200 calls annually.	Resolve 95% Tier II calls within four (4) hours.
2.4.c	Tier III Help Desk Call Resolution	Resolve Tier III calls.	Estimated 240 calls per annually.	Resolve 90% Tier III calls within 24 hours.
2.4.d	All Help Desk Calls – Received.	The Contractor shall operate an SSC IT Help Desk and ensure that all calls are answered with minimal call abandon rate (unanswered calls).	Estimated 6,240 calls annually.	Call abandon rate of less than or equal to one percent (1%) of total calls.

## 2.5 Records Management and Documentation Control

Records Management and Documentation Control, also known as Records Retention, is the planning, controlling, organizing, training, promoting and other management activities with respect to the life-cycle of records. Life-cycle concept is maintenance and use; creation and disposition; and conducting records management review of files, indices, filing systems and records holding inventories as necessary.



The Contractor shall be responsible for customer inquiries, processing, coordination, review, distribution, indexing and filing of records, agreements and directives. Original files for these functions shall also be maintained by the Contractor in a specified location. All records and documentation are NASA property and should be filed in accordance with NPR 1441.1, *NASA Records Retention Schedule*.

The Contractor shall be responsible for:

- Management of the SSC Records Retention Facility and its content, including the Records Retention and Records Remediation Programs.
- Assisting and supporting the SSC Records Manager (SSCRM) in the implementation and administration of the overall SSC Records Management Program.
- Support the development/update of any associated forms, processes, procedures and user guides related to Records Management and Documentation Control.
- Agency and Center Records Management consultation.
- Conducting day-to-day SSC Records Management operations, including indexing, scanning, labeling, maintaining, auditing, reviewing, packaging, loading and archiving of records.
- Providing training and guidance to SSC personnel and organizations for Records Management process elements.
- Maintaining the records of the Records Management Program.
- Maintaining the Master Records Index (MRI) of the Records and Document Management Office (RDMO) holdings, as detailed in SPR 1440.1.
- Records processing in/out of the SSC Records Retention Facility and to the Official Archive and Federal Records Center (FRC).
- Annual inspections and quarterly reviews of records.
- Agreement management.
- Agreement processing and routing through Space Act Agreement Maker (SAAM).
- Directives management and operation and maintenance in the NASA Online Directives Information System (NODIS) and official files.
- Implementation of the Center Forms Management Program consistent with NPD 1420.1 (includes serving as the Center representative in the development and implementation of the NASA Electronic Forms (NEF) Management Program).
- Coordinate with and support all service areas defined within Section 2.3 and 2.4 of this PWS to ensure that requirements are met.

- Provide technical writer review of SSC procedures, policies and work instructions.
- Perform System Administration tasks for Government-provided Records Management System(s): access, account creation, data/document administration, maintenance and system monitoring.

The Contractor must maintain compliance with the following processes and procedures:

- ISO-9000 Quality Management System
- NPD 1420.1, *NASA Forms Management*
- NPD 1440.6, *NASA Records Management*
- NPR 1441.1, *NASA Records Retention Schedules*
- NPR 1450.10, *NASA Correspondence Management and Communications Standards and Style*
- SPD 1280.1, *Management System Policy*
- SPR 1280.1, *SSC Management System Requirements*
- SPR 1400.1, *Document Preparation, Numbering and Management*
- SPR 1420.1, *John C. Stennis SSC Forms Management*
- SPR 1440.1, *Records Management Program Requirements*

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
2.5.a	Records Management	<p>The Contractor shall manage records within the scope of the Stennis Records Management Program.</p> <p>This PWS item includes processing of Record Archived Transmittals (Form SSC-765) and arranging for pickup/transport of records.</p>	<p>10,000+ Records Annually</p> <p>Approximately 30 Transmittals Quarterly</p>	<p>No loss or damage of records.</p> <p>Pickup records within one (1) week of processed</p>

		<p>This PWS item includes review of MRIs and validation against physical/digital records.</p> <p>This PWS item includes performance of records remediation activities for abandoned records and end of contract records.</p>	<p>Approximately six (6) MRI Reviews Per Year</p> <p>Approximately 5,000 boxes of records are in archives.</p> <p>Approximately 10,000 boxes of records are pending remediation.</p>	<p>request and review of transmittal for correct retention data within one (1) week of receipt.</p> <p>Reviews accomplished in accordance with annual schedule.</p> <p>Perform remediation as required in annual assessments and associated remediation plans.</p>
2.5.b	Record Requests	The Contractor shall process customer requests associated with the Stennis Records Management Program: receipt of new records, disposition of existing records, transfer of records, etc.	300 Requests Per Year	98% of items requested completed within 48 hours.
2.5.c	NODIS Directives	<p>The Contractor shall process NODIS Directive updates/notifications within the scope of the Stennis Directives Management Program.</p> <p>This PWS item includes preparation of expiring or upcoming reviews of all items in accordance</p>	30 Updates/ Notifications Per Year	<p>Meet 100% of deadlines associated with each update/ notification.</p> <p>Zero percent (0%) failure to comply</p>

		with DR DM03.		with notifications/ updates.
2.5.d	Records Management Training	The Contractor shall support training of SSC employees on records management processes and policies, as well as support training of records management tool usage (software environment for electronic records and indices).	Ten (10) Classes Per Year	95% of training requests fulfilled on schedule.
2.5.e	Electronic Forms	The Contractor shall design and maintain all 'intelligent' or 'smart' formats as requested. All designs shall be in accordance with General Services Administration (GSA) Forms Management Handbook and NASA Graphic Standards Manual.  This PWS item includes maintenance of original forms in a NASA specified location.	Approximately two (2) to five (5) forms processed per month  Approximately 200 forms maintained annually	Maintain or update forms within three (3) working days or request approval.  Maintain forms in approved location only.
2.5.f	Agreements	The Contractor shall provide Agreement management.	Approximately 32 new agreements released per year.  Approximately 40 update reviews with associated metadata capture per year.	Meet 100% of deadlines associated with each release and update/ notification schedule.

### 3 APPLICATION AND SYSTEM SERVICES

#### 3.1 IT System Administration and Data Center Services

This section addresses IT system engineering, administration and operation requirements for multiple Center operations and program systems including but not limited to: the SDC, Institutional Systems, Propulsion Test Systems and Engineering Application Systems. These systems shall reside at multiple locations including but not limited to: National Center for Critical Information Processing and Storage (NCCIPS), Propulsion Test Complex Test Control Centers (TCCs), Emergency Operations Centers, Communication Centers and other NASA locations as specified by the Government. Refer to Attachments J-7 and J-11, for a listing of current systems, hardware, applications and other supporting data for this PWS section. The Contractor shall provide the support and services defined below for SSC IT systems specified in these attachments, new systems developed under the ITS contract and new systems implemented by NASA SSC or other NASA SSC contractors.

### 3.1.1 Systems Engineering, Design and Architecture Services:

The Contractor shall:

- Provide systems engineering and architecture support to design, prototype, develop, test and implement new systems and modifications to existing systems. These systems are comprised of hardware, software and cabling components. Systems shall include:
  - Propulsion Test Support Systems
  - Engineering Data Processing Systems
  - Modeling and Simulation Systems
  - Video Acquisition and Streaming Systems
  - Mass Data Storage Systems
  - Storage Area Networks/Backup Networks/Data Center Networks
  - Virtual Server Environments
  - Virtual Storage Environments
  - Hosting and Infrastructure Systems Including: Application, Web, Database, Printer, Plotter, File, Authentication and IT Security Systems
  - Data Backup and Archival Systems
  - Local and Offsite Disaster Recovery Systems
  - Continuity of Operations (COOP) Systems
  - New Hosting Technologies
- Ensure interoperability of new system designs with existing applications and infrastructure.
- Investigate and prototype new systems in the aforementioned categories for use at SSC as identified by the government.

- Assist in the design, testing and implementation of Agency systems/components at SSC.
- Design and implement concepts for consolidation of IT systems at SSC to achieve cost, performance, availability and security efficiencies.
- Assist in market research and procurement of hardware and software for systems.
- Ensure that design packages include technical specifications/requirements, financial estimates and schedules.

### 3.1.2 Systems Administration:

The Contractor shall:

- Implement systems designed and developed under 3.1.1 into production environments.
- Release new or modified applications and services into production environments.
- Operate, maintain, refresh, secure and modify the configuration of existing and new systems to ensure the availability and protection of applications and services.
- Establish and maintain development, test, staging and production systems.
- Provide hardware/software management and performance tuning services.
- Provide database management and performance tuning services.
- Monitor user requirements, application development team requirements and system performance to plan for enhancements, upgrades or reconfiguration of system resources. This includes the consideration of cost, schedule, workflow and impact on users of the system.
- Interface with other SSC and Agency IT service providers to establish connectivity and resolve system issues.
- Configure, operate and secure all systems in accordance with NIST SP 800-53, NPR 2810.1, NPR 1600.1 and NPR 2800.1. This includes the establishment and maintenance of system security plans and implementation of all required security controls.
- Conduct risk assessments and manage risks associated with all systems.
- Update and maintain current patching and versions of firmware, operating system and software for all systems.
- Perform system maintenance to ensure optimum operation of all components.
- Manage and control logical and physical access for all systems and components.
- Daily monitoring of system and security logs to ensure optimal performance and protection of systems.
- Support integration between SSC systems and Agency systems. Establish and maintain interface definition agreements.
- Backup all systems accordingly (or as designated by system owner): daily incremental backups, weekly full backups, failover/replication operation and monthly full backup to remote storage site.

### 3.1.3 Operations and Maintenance:

The Contractor shall:

- Maintain and update procedures and work instructions to ensure availability and protection of systems, applications and services.
- Maintain system documentation and drawings.
- Interface with network and other IT service providers to establish and sustain connectivity and operation of systems.
- Maintain inventories of consumables for continued operation of systems.
- Maintain and execute system and application job schedules.
- Provide account management services.
- Participate in Agency data center team activities and develop data call responses.
- Coordinate facility requirements including environmental/HVAC, power, physical access control and facility monitoring to ensure systems are operating in a range that is acceptable to the manufacturer's recommended electrical and mechanical levels of operation. Coordinate requirements with NASA, IT Configuration Control Services and SSC facility contractors.
- Provide backup services including: media management, backup system operation, data restores, local and offsite media storage.
- Execute all procedures for these systems including: disaster recovery, continuity of operations and hurricane preparation.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4

The SDC is the largest system within this PWS area. The SDC is the NASA/SSC central data processing facility providing computing and data storage services to NASA/SSC program and project offices, NASA/SSC administrative offices, NASA/SSC institutional offices and SSC resident agency/reimbursable customers. SDC systems shall be operated at the following locations:

- Multiple computing facilities at SSC.
- Disaster recovery, emergency operations and Continuity of Operation (COOP) facilities at SSC and other NASA Centers.
- COOP facilities at non-NASA locations in the region.
- Systems deployed to facilities at other NASA Centers, commercial customer sites and academic partner locations.

The Contractor shall provide SDC onsite operations and administration staffing support Monday through Friday from 4:30 a.m. to 10:00 p.m. (excluding official government holidays). Remote and/or onsite support will also be required to resolve problems that occur during all remaining days and hours.

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
3.1.a	New Systems/ System Enhancements	Design, develop, test and implement new systems and system modifications	Per year: 15 – Major new systems and major system modifications.  Minor new systems and minor system modifications as specified by the government to sustain operations, secure systems and accommodate customer growth/requirements.  Refer to Attachments J-7 and J-11.	Technically acceptable, fully functioning systems deployed into production environments.  95% of new systems and system modifications completed on time.  Remaining (5%) new systems and system modifications completed within +30 days.
3.1.b	System Maintenance	Operate, maintain, refresh and secure existing and new systems	Refer to Attachments J-7 and J-11.	95% of system administration and maintenance tasks completed on time.



				See system availability.
3.1.c	System Availability	<p>Ensure system availability. The following parameters are used for calculating availability:</p> <ul style="list-style-type: none"> <li>Planned outages are not factored into availability (requires NASA system owner approval).</li> <li>Outages resulting from third party support or COTS system failures are not factored into availability at the discretion of the NASA system owner.</li> <li>Planned or unplanned facility, Local Area Network (LAN), Wide Area Network (WAN) and desktop outages are not factored into availability.</li> <li>Systems included in this category are identified by NASA system owner(s).</li> </ul>	Refer to Attachments J-7 and J-11.	100% of system users will have access to all systems 99.93% of the time.
3.1.d	Data Recovery	<p>Daily incremental and weekly full backup of all applications and data. Restoration of systems and data at customer request or in the event of data corruption/loss.</p> <p>The Contractor shall provide periodic testing of backup data.</p> <p>Two (2) randomly selected systems/data sets shall be tested quarterly.</p>	<p>Daily incremental and weekly full backups of all systems.</p> <p>Approximately 80 restores annually.</p>	100% successful reconstitution of systems and data.
3.1.e	Failover	Maintain and update failover systems. The Contractor shall provide annual testing of failover capability for systems with moderate and high availability ratings. Includes onsite and offsite	Two (2) tests per year	100% successful failover to replicated or passive (secondary)

		replication capabilities.		system.
3.1.f	Patch Release	Release of system, application and database patches for all systems. Patches shall be tracked by the Contractor and reported monthly. All patches must be tested by developers or administrators prior to production release.	Approximately 2,160 patches per year	100% of critical patches successfully deployed within 48 hours of release.
3.1.g	SDC Application Response Time	SDC applications require a high responsiveness rating per user.	Refer to Attachment J-11	100% of user transactions completed in less than five (5) seconds (exclusive of LAN delays).

### 3.2 Application and Web Site Services

#### 3.2.1 Application/Database Development and Maintenance

The Contractor shall provide application/database development and maintenance services for all NASA SSC applications including Web applications, mobile apps and client applications. Application support shall be provided for the following customers:

- Institutional
- Engineering

All applications/database development and maintenance activities shall conform to documented development standards and shall adhere to all applicable NASA, Federal and NASA SSC policies and regulations. The Contractor shall document software assurance activities, all application testing and audits that are performed. Application deployments, upgrades and patches shall be executed according to a schedule approved by the Government.

The Contractor is responsible for estimating, planning, sustaining, scheduling, designing, developing, integrating, testing and deployment of the applications. The applications may be developed for various hardware platforms and operating systems. NASA

SSC will approve the use of any application development tools and/or languages used for development projects. Existing code and/or libraries shall be utilized when appropriate. Examples of tasks to be supported include: software configuration management; corrections to software errors and anomalies; testing and deployment of software modifications; recommending, planning, executing application evolution; and customer interface and support. Maintain and update, as required, application development and maintenance work instructions, procedures and policies.

SSC developed applications shall include documentation as specified by applicable NASA SSC policies. Development shall be compliant with all NASA and Federal policies and guidelines, including Section 508, Export Control, NASA Internet Publishing Content Guidelines and IT Security requirements.

All SSC applications shall be integrated with the Agency account management and authentication infrastructure. The Contractor shall ensure that all ITS managed applications are integrated and authenticated via relevant technology mandated by the Agency to meet Identity, Credential and Access Management (ICAM) requirements.

For COTS and Government Off-The-Shelf (GOTS) software, the Contractor shall actively monitor availability and install patches and upgrades, evaluate upgrades, recommend the schedule for upgrades and inform customers of impact of upgrade.

The Contractor shall participate in agency application initiatives and projects to:

- Assess impact to SSC Applications
- Provide data call response(s)
- Prototype and test agency application components
- Research technologies related to these initiatives and projects

### 3.2.2 Web Sites Development and Maintenance

Web services performed by the Contractor shall include Web site development and maintenance. The Contractor shall provide Web page design, development and maintenance service for internal and public Web sites using NASA SSC locally approved tools and Agency standard tools. Web development may also utilize a Content Management System to perform Web site creation and content updates.

Development shall be compliant with all NASA and Federal policies and guidelines. This includes Section 508, Export Control and NASA Internet Publishing Content Guidelines.

The following policies shall be applied to Section 3.2 development and maintenance activities according to NASA direction:

- NPR 2210.1, *Release of NASA Software*
- NPR 7150.2, *NASA Software Engineering Requirements*
- SPR 8739.1, *Software Assurance Procedural Requirements*
- SOI-8715-0002, *John C. Stennis Space Center Engineering and Test Directorate Process Safety Management Program*
- SOI-8080-0052, *John C. Stennis Space Center Software Life-Cycle and Development Process*
- SWI-2800-0004, *John C. Stennis Space Center Management of SDC Application Development Projects*

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
3.2.a	Institutional Application Maintenance	Maintenance and modifications of existing Web applications, mobile apps and client applications.	Existing Web/mobile and client applications with approximately 220 service requests per year. SR's may comprise small cosmetic changes, bug fixes and adding new functionality to existing applications. Refer to Attachment J-11.	Zero (0) major defects per release as defined by project or system owner measured by Software SRs
3.2.b	Institutional Application Development	Provide application development of new Web applications, mobile apps and client applications.	Approximately eight (8) new applications developed and released to	Zero (0) major defects per release as defined by project or system

			production annually. Four (4) of these applications are highly complex and four (4) are low to moderate complexity. See Attachment J-11 for Application Complexity indicators.	owner measured by Software SRs
3.2.c	Engineering Application Maintenance	Maintenance and modifications of existing Web applications, mobile apps and client applications	Approximately four (4) existing applications.	Zero (0) major defects per release as defined by project or system owner
3.2.d	Engineering Application Development	Provide application development of new Web applications, mobile apps and client applications	Approximately two (2) to four (4) new low to moderate complexity applications developed and released to production annually.  See attachment J-11 for Application Complexity indicators.	Zero (0) major defects per release as defined by project or system owner
3.2.e	Web Site Development	Develop new Web sites or redesign existing sites	Approximately three (3) new or significantly	Compliant with standards

			modified Web sites per year.	
3.2.f	Web Site Maintenance	Sustain Web sites per customer requirements	Approximately 85 Web sites with approximately 400 Web site modifications per year	Compliant with standards

### 3.3 End User Systems and Services

The Contractor shall provide end user support services for SSC systems and software. Support includes:

- Installation and configuration of computing systems, mobile devices, peripherals and software.
- Troubleshoot/resolve computing systems, mobile devices, peripherals and software.
- Coordinate with and support all service areas defined within section 2.3 and 2.4 of this PWS to ensure that requirements are met.

## 4 AUDIO VISUAL / VIDEO SERVICES

### 4.1 Audio Visual Services

The Contractor shall provide AV support services for the design, installation, maintenance and operations of conventional and emerging technology support systems for the following:

- Conference Facilities: The NASA/SSC conference facilities currently consist of primary conference rooms in Building 1100 and 1200, departmental conference rooms distributed across the Center and conference rooms located in the Infinity Science Center.
- Special Event Locations: These events may be located indoors, outdoors, onsite, offsite.

- NASA/SSC Auditorium: The NASA/SSC Auditorium located at SSC in Building 1200 is used to present video productions, computer presentations and live stage shows to NASA/SSC public visitors on an as-needed basis. In addition, the auditorium is used to host meetings, lectures, presentations and awards ceremonies for employees of NASA and other Resident organizations at NASA/SSC. The auditorium contains a control booth that is operated by the Contractor during scheduled events.
- Millennium Hall: Millennium Hall located at SSC in Building 1200 is used to present video productions, computer presentations and live stage shows to NASA/SSC public visitors on an as-needed basis. In addition, the hall is used to host meetings, lectures, presentations and awards ceremonies for employees of NASA and other Resident organizations at NASA/SSC.
- NASA/SSC Visitor Center Tour Buses: Tour buses transport visitors from Infinity to SSC. The tour buses have public address systems and/or AV systems used for communication between tour guides and visitors.

The Contractor shall perform the following for all aforementioned facilities/locations:

- Maintain all AV systems in a state of operational readiness.
- Perform AV system functional checks prior to use and, if requested, instruction and/or operation of the multimedia presentation equipment.
- Develop new and/or modify AV systems to include: design, procurement support, system installation and system checkout.
- Provide metrics, maintain AV system security and security plans, maintain supported conference room list and equipment inventory.
- Provide setup and operation of portable public address systems and AV equipment to support events and tour buses.
- Provide for the operation of the AV equipment loaner pool for Center personnel on an equipment checkout basis.
- Coordinate with SSC LAN/WAN contractor (NASA Integrated Communications Services (NICS)) for AV equipment network connectivity.
- Coordinate with SSC conference room support personnel for conference room scheduling/requirements and facility requirements for AV equipment.
- Coordinate with the SSC desktop services contractor (ACES) for computer systems support.
- Provide IT security and system administration support for all AV components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
4.1.a	AV Support Requests	The Contractor shall respond to requests for AV support. This PWS Item includes requests for AV Services for special events.	Approximately 1,200 requests per year  Approximately 15 special events per year	Trouble ticket call for event in progress at SSC: <ul style="list-style-type: none"> <li>Respond to 95% within ten (10) minutes</li> <li>Resolve 95% within 20 minutes from receipt of call.</li> </ul> AV equipment available as requested/on time.
4.1.b	Diagnose/Resolve AV Equipment Malfunctions	The Contractor shall diagnose malfunctions or other deficiencies with AV equipment and provide and implement recommended solutions.	Approximately 60 AV equipment failures per year.  Approximately five (5) issues per Year (Auditorium) and 15 issues per year (Visitor Center/Infinity)	Resolution within 48 hours of identification.
4.1.c	Maintain Conference Facility Readiness	The Contractor shall inspect conference facilities for operational readiness.	Approximately 45 conference facilities to be supported.	Each facility inspected once per month.



4.1.d	AV Design and Implementation	The Contractor shall develop design packages; support procurement and installation; and subsequent checkout of new systems or system upgrades.	Approximately six (6) packages per year	Designs delivered and implemented on time.
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#### 4.2 Video Production Services

The Contractor shall provide video support services for NASA and other Resident organizations and organizations at SSC. The Contractor shall comply with all NASA, Federal, state and local broadcast and communication laws, regulations and standards. All end deliverables shall be delivered in industry standard format or as specified in each request for service.

These services include:

- Pre-production: The Contractor shall provide video services that include planning, design, script writing, setup, teleprompting and lighting.
- Production: The Contractor shall provide video production services that include audio acquisition, digital photography (derived from video), video acquisition, live broadcast and coordination with live captioning services. This function may take place in a studio, auditorium or remote locations both onsite and offsite using a Government supplied mobile video production system. Production events are classified as follows:
  - Large: Two (2) to six (6) cameras, processing of multiple camera feeds into video production systems, live switching and recording.
  - Small: Recording directly to on-board camera storage.
- Post-Production: The Contractor shall provide post-production services that include linear editing, nonlinear editing, audio recording/editing, titling, graphics design/creation, incorporation of photography and graphics into video, conversion of data format, compression, DVD authoring and captioning services. Output products may include videotape, DVD, CD, streaming video and MPEG, as well as other formats as requested.
- Broadcasting: The Contractor shall provide planning, format conversion and routing of video to the sitewide CATV system, NASA TV or streaming systems for broadcast to user community and/or public. Source video may be live or prerecorded. This function may also involve administration and operation of video capture and encoding systems.
- Media Management: The Contractor shall provide asset management services that include management and operation of a video library utilizing a variety of media including videotape, DVD, Blu-ray and electronic files (including metadata) stored in

NASA designated locations. Asset management tasks shall include media labeling, filing and copy/replacement of expiring media.

- Utility: The Contractor shall provide general services that include dubbing; copy and duplication; labeling; recording of television news coverage; and conversions of media.
- Engineering: The Contractor shall provide design and product specifications for upgrades, new requirements and future technologies. The Contractor shall participate in the NASA Imagery Experts Group (NIEG) as required, including attending meetings and representing NASA/SSC's interests when requested. The Contractor shall also provide installation and integration of new equipment. The Contractor shall support concept development, requirements generation, specification generation, full design, implementation and integration of video-related equipment technologies in support of the Propulsion Test Complex or other site areas. These services shall be performed in accordance with all requirements and restrictions provided in the request for service associated with the tasking.
- Maintenance: The Contractor shall provide a comprehensive preventive maintenance program for all assigned audio and video equipment. This service includes minor repair of equipment unless equipment is under warranty or under a maintenance contract. The Contractor shall recommend to NASA whether repairs and maintenance of equipment shall be accomplished by in-house personnel or outsourced.
- Provide IT security and system administration support for all video production components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
4.2.a	Video Production Services	The Contractor shall provide video services for scheduled video acquisition events.	Large events: approximately 35 per year Small events: approximately 65 per year.	95% of video footage delivered to customers on time.  95% customer satisfaction rate.
4.2.b	Video Post-Production Services	The Contractor shall provide post production services, to include end products that have been fully edited and are ready for public viewing or broadcast.	Estimated 50 video productions per year.	95% of video productions delivered to customers on time.

4.2.c	Broadcast Pre-recorded Events	Broadcast of pre-recorded video events.	Approximately 35 broadcast events per year.	95% of video broadcast delivered on schedule.
4.2.d	Utility Services	Provide utility services.	Approximately 300 per year.	95% of products delivered on time.
4.2.e	Engineering Designs/New Video Capabilities	Design, develop and implement video systems.	Approximately five (5) per year.	95% of designs delivered and deployed on schedule.
4.2.f	Media Management	The Contractor shall copy/replace expiring media.	Approximately twenty (20) pieces of media per month.	100% successful copy/replacement of media.

#### 4.3 Video Interactive Teleconferencing System (VITS)

The Contractor shall provide operation of the VITS at SSC. Duties include scheduling of VITS conferences, contacting participants, operation of the system during conferences and coordinating maintenance. An Agency contract performs actual maintenance of the VITS equipment, currently NICS. There is one (1) primary and three (3) alternate VITS systems in operation at SSC. The primary system must be manned during video teleconferences. The alternate systems may be setup prior to the event and have operational support available as required.

The Contractor shall provide VITS metrics data as specified in Attachment J-2, DR IT05.

The Contractor shall coordinate with and support all service areas defined within Section 2.3 and 2.4 of this PWS to ensure that requirements are met.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
4.3.a	VITS	VITS support.	Approximately 500	100% primary

			VITS per year.	VITS conferences supported.
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#### 4.4 Physical Security/Enterprise Physical Access Control System (EPACS) Support

The Contractor shall perform the following physical security technical support services in support of NASA/SSC. The Contractor shall maintain, enhance and operate the SSC EPACS. This system is comprised of the SSC CCTV system, access control systems, badging system and IDS.

The Contractor shall:

- Assist in requirements definition and specifications for EPACS enhancements/modifications. Assist in development of designs for EPACS enhancements and/or modifications to include: technical specifications, drawings, schedule and cost estimates.
- Assist with processing of procurements for EPACS enhancements/modifications.
- Provide processing of EPACS service tickets/trouble calls to ensure continued operation of systems. Provide system analysis, troubleshooting and identification of system issues. Interface with customers and third party EPACS support contractors.
- Provide for operations support, application administration and configuration of EPACS components to include but not limited to: establishment and modification of access levels for end users, report development/generation/distribution, system troubleshooting and identification of system issues.
- Interface with other IT and facility service providers to ensure operation of EPACS components.
- Support the SSC Security office with technical and physical access tasks.
- Assist SSC Physical Security Office with Center and Agency security initiatives and programs. Included but not limited to: data call response, agency teleconferences and project review/research.
- Provide IT security and system administration support for all EPACS components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.
- Provide Lenel OnGuard Professional certified staff to support all physical security/EPACS tasks.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
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4.4.a	Surveillance Systems	Assist and provide support concerning surveillance, security systems, Center Declassification Authority certification and information protection programs.	Approximately 500 cameras. Refer to Attachment J-7 GFE for hardware components.	98% cameras operational.
4.4.b	Physical Access Control	Assist and provide support concerning physical access controls.	Approximately 500 Door Access Readers	100% readers operational.
4.4.c	Biometric Equipment Stations	Maintain four (4) biometric equipment stations located at Building 8000, 7001 and 3101.	Quarterly updates to each station	Equipment updated as required by the Agency.

#### 4.5 Cable Television Services

The Contractor is responsible for providing CATV services which include operations, maintenance and sustaining engineering of the digital CATV distribution system. Video Distribution is provided via the Stennis Video Network (SVN). The SVN currently operates with approximately 240 television units maintained. The system includes over-air and satellite antennas, head-end equipment and fiber transmitters and includes approximately 40 digital channels which include NASA channels, local over-the-air channels, weather information and some of the major news networks.

The Contractor shall:

- Provide research, evaluation, testing, deployment and operation of new technology.
- Provide support for migration of CATV system components as required.
- Maintain and secure the CATV system including over-air and satellite antennas, head-end equipment, seats and fiber transmitters.
- Complete MACD requests for CATV system.
- Resolve all CATV trouble ticket requests and system issues.

- Coordination with cable infrastructure services for new CATV connections.
- Coordinate with SSC Facilities Contractors for facility requirements for CATV equipment.
- Provide IT security and system administration support for all CATV components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
4.5.a	Digital CATV Service	The Contractor shall provide digital CATV services.	Approximately 240 active digital CATV units at SSC; approximately 40 digital CATV channels	99% CATV channel uptime during core business hours (8:00 a.m. – 4:30 p.m.).
4.5.b	Digital CATV Requests	The Contractor shall provide MACD support.	Approximately 60 MACD requests processed per year	100% of requests completed within five (5) business days.
4.5.c	Digital CATV Trouble Tickets	The Contractor shall resolve system issues associated with Digital CATV.	Approximately 10 (ten) trouble tickets received per month.	100% of trouble tickets resolved within two (2) business days.

## **5 COMMUNICATION SERVICES**

### **5.1 Communications Planning/External Communications/Frequency Management**

NASA SSC’s OCIO provides communications planning, external communications and frequency management for all SSC NASA and tenant communication requirements. The Contractor shall provide research, planning, design and management support services for these functions to ensure optimum functionality and availability of communication systems.

### 5.1.1 Communications Planning:

The Contractor shall:

- Develop near and long term strategies to ensure that NASA SSC and SSC tenant communication requirements are met. Conduct technology and market research on communication systems and services for application at SSC, including new and emerging technologies and existing technologies such as: Voice Over Internet Protocol (VoIP); private branch exchange (PBX); external and internal wireless; Synchronous Optical Networking (SONET); and UHF radio, cable and cable infrastructure.
- Interface with NASA OCIO, NASA Program, SSC tenant and SSC communication system managers to:
  - Conduct capacity planning.
  - Assess feasibility of new communication technologies at SSC.
  - Develop integration and consolidated communications plans.
- Assist the SSC OCIO in Agency communications initiatives, pilot activities, data call responses and planning activities.

### 5.1.2 External Communications:

The Contractor shall:

- Planning:
  - Assist NASA in the development of near and long term strategies to ensure that NASA SSC and SSC tenant external communication requirements are met. External communication consists of commercial voice and data connectivity beyond the SSC fee area.
  - Conduct technology and market research to assess the availability of external communication capabilities for the Center.
  - Conduct trades, feasibility and cost benefit analyses of external communication capabilities and services.
  - Interface with NASA OCIO, NASA program and SSC tenant representatives to conduct capacity planning and requirements analysis.
  - Develop plans to ensure redundancy of external communication capabilities and methods for integrating these capabilities into existing and new Center systems.
  - Formulate and execute cost allocation methods for external communication services.
  - Assist in development of agreements for external communication services.
- Operations and Management:

- Establish and maintain baseline configuration of external circuit connections.
- Coordinate circuit activation and deactivation with cable infrastructure services and communication system managers.
- Monitor external communication utilization. Coordinate with external communications service providers to develop utilization reports.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.

5.1.3 Frequency Management:

The Contractor shall:

- Assist the SSC Frequency Spectrum Manager within the OCIO in ensuring Center compliance with:
  - National Table of Frequency Allocations as provided in the National Telecommunications and Information Administration (NTIA) Manual of Regulations & Procedures for Federal Radio Frequency (RF) Management
  - International Table of Frequency Allocations as provided in the International Telecommunication Union (ITU) Radio Regulations (applicable only for space operations and RF operations taking place outside the United States and Possessions)
  - Applicable Recommendations of the Space Frequency Coordination Group (SFCG) and the ITU
- Evaluating RF equipment against applicable national and international RF standards.
- Performing RF analyses.
- Assist in completion of frequency authorization applications to the NTIA.
- Assist the SSC OCIO in ensuring Center compliance with NPR 2570.1, *NASA Radio Frequency (RF) Spectrum Management Manual*.
- Participate in local, national and international frequency management coordination groups as appropriate to:
  - Provide representation and cognizance of SSC communications and RF spectrum requirements.
  - Coordinate RF operations.
  - Protect the integrity of SSC RF operations from harmful inference caused by RF systems of other agencies.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
5.1.a	Communication	Develop communication plans and strategies.	Five (5) plans	Accurate and



	Plans		annually	timely.
5.1.b	External Communication Plans	Develop: <ul style="list-style-type: none"> <li>• External communication plans and strategies</li> <li>• Market research assessments</li> <li>• Implementation plans</li> <li>• Cost allocation documentation</li> </ul>	Annual development and revision	Accurate and timely.
5.1.c	Circuit Activation and Deactivation Documentation	Coordinate and document all circuit activation and deactivation. Document circuit utilization tracking.	40 modifications annually	Baseline configuration and all modifications documented accurately.
5.1.d	Frequency Reconnaissance	Perform frequency reconnaissance for the entire Center including wireless frequencies. Maintain database containing all Center assigned RF.	Database is updated as required. One (1) quarterly report and other reports as requested	100% identification of all active frequencies.

## 5.2 Telecommunication Services

NASA SSC's OCIO provides digital and analog voice communications for NASA SSC and SSC tenants. This capability is currently based on a PBX system servicing approximately 7,000 telephone seats. The Contractor shall provide design, installation, operation, security, maintenance and sustaining engineering support for these capabilities.

### 5.2.1 Design, Engineering and Architecture Services:

The Contractor shall:

- Provide systems engineering and architecture support to design, develop and implement new telecommunication systems and tools to enhance SSC's communications capability.
- Investigate and prototype new communication technologies including but not limited to: PBX enhancements, VoIP and consolidated communications.
- Assist the SSC OCIO with design, testing and implementation of Agency telecommunication initiatives.
- Support the OCIO and SSC tenants with analysis, design, testing and implementation of new communication capabilities.
- Assist the OCIO in analysis of usage and capacity data. Coordinate enhancements of SSC telecommunication system and connections to external communication services.

#### 5.2.2 Telecommunication Security Services:

The Contractor shall:

- Provide system security services for all telecommunications capabilities to ensure compliance with Federal Communications Commission and Privacy Act regulations.
- Operate, configure, maintain and perform sustaining engineering for the telephone system firewall.
- Provide call detail information in accordance with Form SSC-770 per request.
- Provide current telephone data for the emergency operations center Automatic Number Identification/Automatic Location Identification (ANI/ALI) database.
- Provide logging and blocking security services. The Contractor shall review the logs and make recommendations to identified NASA telecommunications personnel and implement changes and rule-based policies.

#### 5.2.3 Telecommunication Operations Services:

The Contractor shall:

- Maintain existing telecommunication seats and services. Provide operations support and complete MACD requests for telephone seats.

- Support and maintain all telecommunication circuits; voicemail systems and PBX components; and new communications infrastructure implemented by NASA or as part of this contract.
- Maintain telecommunication asset inventory and assist in acquisition of new or replacement components.
- Coordinate planned upgrades and outages with the OCIO and SSC customers.
- Monitor usage on telephone trunk lines and communications infrastructure. Provide reporting to the Government of usage levels and potential service degradation.
- Respond to and repair or replace all system and seat failures.
- Maintain telecommunication databases and system configuration documentation.
- Provide operator services including international calls, collect calls, conference calls, other operator-assisted calls and directory assistance. Operator services are required Monday – Friday from 6:00 a.m. to 6:00 p.m. Central Time Zone.
- Schedule and manage Center required teleconferences.
- Provide customer support and telephone operating guides to assist users in operation of telecommunication equipment.
- Develop and update the SSC employee directory. The directory shall be published electronically and with limited distribution of hard copies.
- Collect and store call detail information which will be provided to the Government upon request. Provide services to allocate charges to the SSC telephone customers.
- Develop and supply operating guides to telecommunication users. Guides will walk users through routine operations for their instrument, including frequently asked questions. Include operating guide in hardcopy and electronic phone book.
- Provide IT security and system administration support for all telecommunication components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
5.2.a	Telecommunication Services	Operate, maintain and sustain the telephone system infrastructure.	All buildings ~ 300+, provide up to 10,000 numbers on two (2) exchanges: approximately	Infrastructure shall have an uptime of 99.93%.

			7,000 phones and approximately 10,000 phone lines	
5.2.b	Telecommunication Support	<p>Complete all telecom MACD requests.</p> <p>NOTE: MACD estimates consist of a broad range of actions. Examples: moving a user's telephone to a new location, changing a user's extension, and changing a user's name in telecommunication systems.</p>	Approximately 4,000 MACD requests per year.	<p>MACD requests of five (5) phones or less completed within two (2) business days of requests.</p> <p>MACD group requests of six (6) to 24 phones completed within five (5) business days of requests.</p> <p>MACD group requests in excess of 24 phones completed per contractor/technical manager agreement.</p>
5.2.c	Operator Services	Provide operator services including international calls, collect calls, conference calls, other operator-assisted calls and directory assistance.	12,000 annually	Available 6:00 a.m. to 6:00 p.m. Monday – Friday.
5.2.d	Telephone Call Detail Report	Provide report in accordance with Form SSC-770.	Approximately 36 per year.	Response due within 24 hours of request unless otherwise specified.
5.2.e	Telephone Failures	Repair or replace all seat failures.	Approximately 350	Repair or replace

			per year.	within four (4) hours.
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### 5.3 Radio Services

The SSC OCIO provides a UHF radio system for NASA SSC and SSC tenant operations at the Center. This system is comprised of fixed, portable and mobile radio units; core and backup radio infrastructure; primary and secondary antennas; and emergency communications equipment. These systems provide reliable, two-way, person-to-person or dispatch voice communications and also supports Emergency 911 interface with telephone interconnect.

The Contractor is responsible for providing radio services which include operations, maintenance and sustaining engineering of the radio infrastructure, including emergency communications equipment.

#### 5.3.1 Design, Engineering, Installation Services

The Contractor shall:

- Provide design, engineering and installation support services to include the development of technical specifications, schedules and cost estimates for:
  - Core system replacement/modification
  - Component replacement/modification
  - Radio replacement/modification
- Assist NASA in conducting market research, cost benefit analyses and technical analyses of radio system capabilities.
- Coordinate with NASA SSC and SSC tenants to identify requirements for UHF radio systems/capabilities.

#### 5.3.2 Operation Services

The Contractor shall:

- Maintain existing telecommunication seats and services. Provide operations support and complete MACD requests for UHF radio seats.

- Provide UHF radio system operations and testing support.
- Provide radio and radio system diagnostics and repair
  - Minor repair shall be completed by the Contractor
  - Contractor shall facilitate significant repair utilizing NASA provided repair/maintenance contracts
- Assist in UHF radio equipment and maintenance procurements.
- Provide radio system configuration, radio programming, establishment and maintenance of user groups and radio encryption services.
- Provide management support, coordination and planning for SSC radio towers to ensure continuity of radio services, including coordination of annual tower inspection.
- Provide operations, maintenance and testing support for the following emergency equipment: HAM radio and emergency satellite communications system (portable dish).
- Maintain and update radio property accountability systems which shall include tracking distribution of radios to assigned users.
- Provide end user training/demonstration on UHF radio operation
- Maintain compliance with the NPR 2570.1, *NASA Radio Frequency (RF) Spectrum Management Manual*.
- Provide IT security and system administration support for all UHF radio components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.
- Comply with RF requirements and coordination as specified in Section 5.1, Frequency Management.

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
5.3.a	Radio Services and Support	Radio services operations and sustaining engineering.	Approximately – 800 radios	Ensure operable radio system is available 99.93% of the time exclusive of planned/approved outages.
5.3.b	Radio Support	Radio maintenance and support.	Approximately 240 MACD requests per year.	MACD requests of five (5) radios or less completed within two (2)

			Approximately 85 support/trouble tickets per year.	<p>business days of requests.</p> <p>MACD group requests of six (6) to 24 radios completed within five (5) business days of requests.</p> <p>MACD group requests in excess of 24 radios completed per contractor/technical manager agreement.</p>
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#### 5.4 Cable Infrastructure Services

NASA SSC’s OCIO is responsible for managing the information technology and communications cabling (henceforth referred to as “cable”) at SSC. This cable system consists of extensive fiber and copper infrastructure in place via aerial and underground distribution systems to connect 300 plus structures. The system is comprised of two (2) primary communication facilities, 18 collapse points and multiple communication closets/demarcations. These locations house various chassis, components and interface hardware to establish connectivity for a variety of NASA and SSC tenant IT systems.

The Contractor is responsible for providing engineering, installation, operations, maintenance and sustaining support services for SSC’s cable system. This includes cable management, end-to-end configuration management and validation testing to meet operational and institutional requirements.

Inter-Building Cable Systems: The Contractor shall provide design/engineering, installation, operations, maintenance and sustaining support services for all inter-building cable and cable infrastructure within the SSC fee area. This includes:

- Duct bank cable and cable infrastructure
- Direct burial cable and cable infrastructure
- Aerial cable and cable infrastructure

Intra-Building Cable Systems: The Contractor shall provide design/engineering, installation, operations, maintenance and sustaining support services for SSC intra-building cabling for the following:

- NASA managed and occupied facilities: all cabling and cable infrastructure.
- Primary communication facilities and demarcations: all cabling and cable infrastructure.
- Tenant managed and occupied facilities:
  - All cabling and cable infrastructure entering the facility and within NASA communication closets and demarcations.
  - Cable services for the remainder of the facility as requested by the tenant.

NOTE: All cable and cable infrastructure materials installed, modified, removed or repaired under this contract are the property of the government.

#### 5.4.1 Design/Engineering:

The Contractor shall:

- Provide design services, engineering services and FFP LOE design/cost packages to extend, enhance, modify or remove SSC cable systems.
- Assist in planning and coordination of SSC cable system customers (NASA and tenant) and external communication provider activities as required for SSC cable system connectivity and circuit activation.
- Provide technical and management expertise for facility premise wiring from the frame to the face plate, frame cross connects, telephone cross connects, circuit protectors, circuit design and installation.
- Provide technical support during design and installation phases of new communication infrastructure.
- Provide asbestos trained and certified personnel for cable infrastructure design and engineering support at locations that contain asbestos fibers.
- Ensure that cable system designs are compliant with all NASA SMA requirements.
- Ensure that cable system designs are compliant with NASA standards and Electronic Industries Alliance/Telecommunications Industry Association (EIA/TIA) standards.



#### 5.4.2 Installation, Modification, Removal and Repair (IMRR)

The Contractor shall:

- Provide installation, modification, removal and major repair services for the SSC cable system as specified in FFP LOE designs/estimates established under Sections 5.4.1 and 5.4.3.
- Provide trenching, boring and digging capabilities. Obtain necessary permits for trenching, boring and digging activities as per SCWI-8715-0008, *John C. Stennis Space Center Construction and Health Program*.
- Provide cable system manhole, handhold, pedestal clean-out and dewatering services.
- Provide labeling of all installations, modifications and repair of cable system components including: cable, patch panel components and other cable infrastructure components
- Provide asbestos trained and certified personnel for cable system IMRR at locations that contain asbestos fibers.
- Plan, coordinate and monitor fieldwork to ensure that existing cable infrastructure and other utility infrastructure is not impacted by IMRR services.
- Ensure that all cable system IMRR is compliant with all NASA SMA requirements.
- Ensure that all cable system installation/modification/repair is compliant with NASA standards and EIA/TIA industry standards.

#### 5.4.3 Operations/Maintenance/Sustaining Support:

The Contractor shall:

- Provide circuit activation/deactivation, patch and minor cable system modification support for all NASA and tenant IT systems that utilize the SSC cable system.
- Provide cable system failure assessment, diagnosis and minor repair/corrective action.
- Provide cable system failure assessment, diagnosis and FFP LOE design/cost package for major repair/corrective action.
- Provide cable system locate and marking services to support all field modifications (facility and cable activities).
- Maintain specialized GFE cable testing and support equipment.

- Coordinate with and monitor activities performed by other service providers to ensure protection of SSC’s cable system.
- Maintain and update cable, cable infrastructure and circuit ID records, databases and drawings to reflect all installed cable and components.
- Provide asbestos trained and certified personnel for cable infrastructure maintenance and operations support at locations that contain asbestos fibers.
- Ensure that all cable system operations/maintenance/sustaining support is compliant with all NASA SMA requirements.
- Ensure that all cable system operations/maintenance/sustaining support is compliant with NASA standards and EIA/TIA industry standards.
- Provide IT security and system administration support for all cable system components as specified in Section 3.1 of this PWS.
- Provide Configuration Control and Help Desk services as specified in PWS Sections 2.3 and 2.4.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
5.4.a	Cable System Designs – Installation / Modification / Removal	System designs and FFP/LOE design/cost packages for installation, modification and removal.	NASA technical manager will designate designs as:  Rush – 33 per year Standard – 22 per year Complex – 55 per year	Rush - 95% of designs/estimates are provided to customer within two (2) business days.  Standard - 90% of designs/ estimates are provided to customer within ten (10) business days.  Complex - 90% of designs/ estimates are provided to customer within 30 business days or

				customer specified date.  100% of designs meet NASA/ Industry standards.
5.4.b	Cable System Designs – Major Repair	System designs and FFP/LOE design/cost packages for repair.	48 Cable system repairs per year.	100% of designs/ estimates are provided to customer within four (4) hours.  100% of designs meet NASA/ Industry standards.
5.4.c	Cable System IMRR – Installation / Modification / Removal	IMRR installation/modification/removal project completion.	110 IMRR Projects per year	90% of projects are completed by IMRR schedule date.  Remaining (10%) of projects completed within +30 days of IMRR schedule date.  100% of work performed meets NASA, industry and SMA standards.

5.4.d	Cable System IMRR - Repair	IMRR repair project completion.	48 Cable system repairs per year.	100% of projects completed within 24 hours or by NASA specified IMRR schedule date.  100% of work performed meets NASA, industry and SMA standards.
5.4.e	Cable System IMRR - Labeling	Patch panel, cable and component labeling	See 5.4.a and 5.4.b	95% completed by IMRR schedule date.  100% of projects completed within +30 days of IMRR schedule date.
5.4.f	Cable System Operations – Circuit Activation/ Deactivation	Circuit activation/deactivation and patching support.	360 patch “jobs” per year.	100% completed within one business day of specification of requirement or by scheduled date.
5.4.g	Cable System Operations - Documentation	Documentation, records and drawing update.	See 5.4.a and 5.4.b	Completed within 45 days of IMRR completion.
5.4.h	Cable System Operations – Minor Repair	The Contractor shall diagnose minor cable system failures and provide corrective action.	360 minor cable system failures per year.	100% of cable system failures will be diagnosed and repaired within one

				(1) business day.
5.4.i	Cable System Locate and Marking services	Provide cable system locate and marking services.	Approximately 400 cable locate and marking requests annually.	100% of system locate and marking services completed within one (1) business day.

### 5.5 Emergency Notification Systems

The Contractor is responsible for providing support to the Outdoor Emergency Notification System (OENS) and the Lightning Detection System (LDS), which includes operations, maintenance and sustaining engineering of the emergency warning system infrastructure. This includes conducting validation tests of the systems to meet operational and institutional requirements. The Contractor does not need to provide the outdoor speaker poles for the OENS.

The Contractor shall coordinate with and support all service areas defined within Section 2.3 and 2.4 of this PWS to ensure that requirements are met.

The Contractor shall operate the OENS and LDS and support Emergency Management Program drills of these systems in accordance with:

- NPR 8715.2, *NASA Emergency Preparedness Procedural Requirements*
- SCWI-8715-0001, *John C. Stennis Center Lightning Warning System*
- SPLN-1040-0006, *Emergency Management Plan*
- NASA Multi-Year Training and Exercise Schedule

<b><u>PWS ITEM</u></b>	<b><u>TITLE</u></b>	<b><u>REQUIREMENTS</u></b>	<b><u>ESTIMATED WORKLOAD DATA</u></b>	<b><u>PERFORMANCE STANDARD</u></b>
5.5.a	Perform System Validation Tests	The OENS and LDS shall be tested to ensure compliance to requirements.	Quarterly	Ensure emergency notification systems

				available 99.93% of the time exclusive of planned / approved outages.  100% on time completion to NASA Multi-Year Training and Exercise Schedule.
5.5.b	Participate in Emergency Management Program Drills	The Contractor shall support the NASA Emergency Management Program exercises and tests, as requested by the Center Emergency Director.	Monthly, per plan	100% on time completion to NASA Multi-Year Training and Exercise Schedule.

## 6 TECHNOLOGY SUPPORT SERVICES

### 6.1 Product Data and Life-cycle Management (PDLM)

Product Data and Life-cycle Management (PDLM) is the set of processes and associated tools, techniques and environments used to manage the entire life-cycle of product data from its conception, through design, test and implementation, to operation and disposal. PDLM consists of disciplined, collaborative processes and systems that plan for, acquire, control Product Definition Data (PDD) and associated product-related data including engineering, design, test, procurement, construction, operational and logistics information throughout the product and data life-cycles. PDLM elements include Requirements Management, CM, Technical Risk Management and Technical Data Management as well as the development and sustainment of the virtual PDLM environment and its supporting processes and procedures. The Contractor shall provide PDLM-related services in support of NASA's facilities, engineering, construction, maintenance and project management responsibilities. The scope of the provided services includes the facilitation of the PDLM-related processes, utilizing the Government provided systems and tools, with emphasis on the programming, configuration and administration of the PDLM-related application(s) and server(s) under the responsibility of NASA and this contract.

The Contractor shall provide all system and application services associated with the SSC Design and Data Management System (DDMS) implementation of PDLM-related processes and activities compliant with the requirements of PWS Elements 2.3, 2.4, 2.5, 3.1 and 3.2. The primary software element currently utilized within the DDMS is Windchill (and various other software products within the Parametric Technology Corporation (PTC) product line and other NASA software elements). The Contractor is not responsible for PDLM-related services provided under SACOM or other support contracts; however, the Contractor is responsible for providing DDMS support to those personnel in the execution of application functions and processes that facilitate the PDLM-related processes.

The PDLM-related and support applications include, but are not limited to the PTC product line, Systems Application and Products (SAP), the Computerized Maintenance Management System ((CMMS) – currently implemented in MAXIMO) and various other applications and systems at SSC. The Contractor shall support integration of various software applications with the core Windchill suite, including collaboration with NASA and other NASA support contractor personnel in the design, development and execution of such integration efforts. The Contractor shall provide support for the development of appropriate new technologies and methodologies, including identification, evaluation and adaptation of the new technologies for the continual improvement of the system and related processes.

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
6.1.a	Windchill Application Administration	The Contractor shall provide Windchill Application Administration.  This PWS element includes ensuring system availability; backups; performance monitoring and tuning; anomaly resolution and general account creation; account and profile management (in conjunction with and in addition to PWS Element 3.1)	Approximately 400 unique SSC log-ins per month;  Approximately ten (10) to 20 SSC account configuration requests processed per month.	All application data and accounts entry accurate and timely.
6.1.b	Windchill Upgrades	The Contractor shall conduct periodic upgrades to the application, including minor patches and full migrations as approved by the SSC Office of the	Minor patches approximately eight (8) to twelve (12)	Minor patches completed within approved time

		<p>Chief Engineer and authorized by appropriate configuration management policies without significant downtime or loss of functionality.</p> <p>This PWS element includes researching new versions and patches as released by PTC; conducting ‘test’ migrations to adjust system configuration and migration techniques; analyzing potential versus required patches and recommended timing and incorporation of patches; and all preparations necessary to ensure minimal down-time and impact to the user community during migration efforts.</p>	<p>annually. Major migrations approximately one (1) every two (2) years.</p> <p>NOTE: Pre-Deployment test migrations vary in duration but can take as long as six (6) months for the initial test and downwards to one (1) month for the final preproduction migration.</p>	<p>allotted (as negotiated prior to each outage)</p> <p>Full System Production Migrations occur within time allotted (typically within a three (3) day window).</p>
6.1.c	Windchill Development and Sustainment	<p>The Contractor shall provide Windchill development and sustainment services, including research, concept development, testing, release and maintenance for system architecture; workflow and object configuration; and system functionality requirements consistent with requirements established in PWS 3.2.</p> <p>This PWS element includes weekly status meetings with PDLM personnel, ensuring that any proposed changes do not compromise the integrity of any existing functions and performance expectations, as well as monitoring for system stability and functionality. This PWS element also includes monitoring system</p>	<p>Annual mix of quantity and complexity of system-related development options are determined within each fiscal year’s PDLM planning activities. Refer to Attachment J-11 for historical data examples of annual development support provided.</p>	<p>System and functional integrity maintained with zero (0) impacts to critical propulsion test activities.</p>



		availability, error messages, maintenance tasks and other activities associated with sustaining system performance.		
6.1.d	PDLM-Requirements Management	<p>The Contractor shall support the implementation of the requirement management functionality within DDMS.</p> <p>This PWS element includes support to Systems Engineering personnel to format, load and manage customer requirement documents, SSC requirement specifications, requirement change requests and verification items, as well as configuration of objects, workflows and reports associated with requirement objects.</p> <p>This PWS element includes periodic research, development and testing of new workflow options and process changes and subsequent release and management of changes within the production environment.</p>	Approximately five (5) to ten (10) customer requirement sets, five (5) to ten (10) Stennis Requirement Specifications, five (5) to ten (10) mass verification set uploads/corrections and approximately three (3) Requirements Management workflow/report adjustments per year.	All requirement sets loaded accurately and timely.
6.1.e	PDLM-Configuration Management	<p>The Contractor shall support the implementation of the configuration management functionality within DDMS.</p> <p>This PWS element includes weekly status meetings with PDLM personnel, support to the SSC Office of the Chief Engineer to support migration of legacy data into DDMS, as well as periodic support to Engineering/Technical CCB support personnel with states and workflows associated with configuration items when</p>	Annual mix of quantity and complexity of CM-related functions are determined within each fiscal year's PDLM planning activities. Refer to Attachment J-11 for historical data	All support for workflow/state adjustments completed accurately and timely with zero (0) impacts to critical propulsion test activities.

		<p>application administration functionality is required.</p> <p>This PWS element includes periodic research, development and testing of new workflow options and process changes and subsequent release and management of changes within the production environment.</p>	<p>examples of annual development support provided.</p> <p>Engineering/ Technical CCB Personnel process approximately 450 – 550 Change Requests per year (vary in number of data objects and workflow tasks associated with each change package).</p> <p>Approximately three (3) CM workflow/report adjustments per year.</p>	
6.1.f	PDLM-Data Management	<p>The Contractor shall support the implementation of the data management functionality within DDMS.</p> <p>This PWS element includes weekly status meetings with PDLM personnel, support to the PDLM Manager and Chief Engineering Support personnel to support migration legacy data into DDMS (drawings, documents, lessons learned, etc.), as well as support system users with data</p>	<p>Annual mix of quantity and complexity of DM-related functions are determined within each fiscal year's PDLM planning activities. Refer to Attachment J-11 for</p>	<p>All support for workflow/state adjustments completed accurately and timely with zero (0) impacts to critical propulsion test activities.</p>

		<p>states, workflows, access settings and data cleanup when application administration functionality is required (documents, engineering objects, drawings, part objects, etc.).</p> <p>This PWS element includes periodic research, development and testing of new data management options and subsequent release and management of changes within the production environment.</p>	<p>historical data examples of annual development support provided.</p> <p>Typically support bulk migration of approximately 5,000 – 10,000 CAD and Part Objects per year, as well as 2,000 – 5,000 document objects per year through scripts and administrative functions [to include attributes &amp; establishment of relationships to other objects within DDMS].</p>	
6.1.g	PDLM-Knowledge Management (KM)	<p>The Contractor shall support the implementation of the KM functionality within DDMS.</p> <p>This PWS element includes weekly status meetings with PDLM personnel, support to PDLM and Chief Engineering personnel to migrate legacy data into DDMS Stennis Lessons Learned (SLL) Objects, Stennis Dissenting Opinion (SDO) Objects and Key Decision Record (KDR) Objects, as well as support system users with SLL/SDO/KDR states, routing and</p>	<p>Annual mix of quantity and complexity of KM-related functions are determined within each fiscal year's PDLM planning activities. Refer to Attachment J-11 for historical data</p>	<p>All support for workflow/state adjustments completed accurately and timely.</p>

		<p>workflow cleanup when application administration functionality is required.</p> <p>This PWS element includes periodic research, development and testing of new KM options and subsequent release and management of changes within the production environment.</p>	<p>examples of annual development support provided.</p> <p>Approximately 20 to 50 total SLL/SDO/ KDR objects facilitated each year.</p>	
6.1.h	PDLM-Training	<p>The Contractor shall support training of PDLM-related tools and topics, including specific hands-on courses utilizing government-provided training facilities.</p>	<p>Approximately 30 – 50 classes provided per year.</p>	<p>All training sessions delivered on time.</p> <p>All support material to be delivered as part of a training offering delivered accurately and timely.</p>
6.1.i	PDLM-Architecture Support	<p>The Contractor shall provide PDLM Architecture support services to include long-term planning; integration concepts and options; recommendations on workflow enhancements; and strategies associated with PDLM-related priorities as established by the SSC Office of the Chief Engineer.</p> <p>This PWS element includes weekly status meetings with PDLM personnel, as well as communication and coordination with PDLM stakeholders, including NASA and NASA support contractor personnel.</p>	<p>Weekly and quarterly meetings; approximately three (3) large trade studies and six (6) minor trade studies conducted per year</p>	<p>98% of trade studies and other deliverables as determined in the execution of this PWS Element delivered on time.</p>

## 6.2 Center Risk Management Support

The Contractor shall provide technical services for SMA to support their required functions. These IT services include but are not limited to the items listed below:

- Administer software applications to support SMA operations.
- Provide programmatic support to the execution of SMA programs and functions.
- Provide metric reports to SMA management for various data reviews, investigations and for NASA HQ or other external reporting requirements through data collection, research and utilizing necessary software.
- Provide support to SMA internal and external audit program through planning, preparation and coordination of audit related documentation and activities.
- Support implementation of continuous improvement programs such as VPP, ISO, etc.
- Troubleshoot, validate, test and enter data into associated electronic systems, such as IRMA, Audit Tracking Information System (ATIS) or other systems utilized by SMA.

The Contractor shall perform SMA support duties in accordance with:

- NPR 8621.1, *NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating and Recordkeeping*
- SPR 7120.1, *SSC Risk Management Procedural Requirements*
- SCWI-8710-0004, *SSC Internal Audit Process*
- SPLN-7120-0007, *John C. Stennis Center Organizational Risk Management Plan for the Safety and Mission Assurance Directorate*
- SPLN-8621-0003, *John C. Stennis Center Mishap Preparedness and Contingency Plan*
- SWI-1400-0003, *SSC SMA Management and Administrative Controls and Reviews*

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
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6.2.a	Provide Center Risk Management Support	Provide technical, management support and risk management knowledge for the Center's Risk Management Program. This includes providing Center IRMA technical support.	Approximately ten (10) to 30 risks are captured and tracked annually	Risks are accurate and kept up-to-date.
6.2.b	Input and Maintain Audit Schedule	Evaluate requirements and other relevant information to ensure accurate schedule. Ensure appropriate parties are involved and informed of plan and required changes.	Release annually, update as necessary approx. four (4) to five (5) times per year.	Deliver schedule annually per required date.
6.2.c	Monitor Schedule and Associated Audit Activities	Serve as reference for SMA audit information and coordination. Maintain knowledge of ongoing activities and related requirements.	Ten (10) to twelve (12) audits per year.	Audit activities are executed accurately per SSC requirements and on schedule.
6.2.d	Maintain SMA Metrics Software	Monitor input of metrics. Manage installation and initial setup of software. Maintain knowledge on reporting and provide reports as needed.	Support SMA management reviews and monthly meeting as needed.	Accurate and timely.
6.2.e	Develop Metric Planning, Status Reports and Projections	Provide expertise and develop reports to support successful execution of SMA operations as well as continuous improvement of SMA efforts.	Support SMA management reviews and monthly meeting as needed.	Accurate and timely.
6.2.f	Maintain SMA Software to Support SMA Operations	Provide assistance in metrics tracking & reporting; process evaluation; mishap tracking & investigation safety reporting; corrective actions tracking; and personnel training in support of SMA activities.	As needed	Accurate and timely.

### 6.3 Technology Transfer Support

One of NASA’s goals is to develop new technologies to support Agency missions, while simultaneously transferring the results of its research and development efforts to the public and private sectors. The NASA/SSC Technology Transfer Office (TTO) will facilitate the development of technology with and transfer of technology, including software, to business/industry, academia and other groups across the country with some special emphasis on the regional geographic area; to promote the commercialization and public availability of Federally-owned inventions to benefit the national economy and the U. S. public. The NASA TTO has three (3) primary program elements: 1) Technology Development, 2) Innovation Incubator and 3) Partnership Development for which SSC tasking involves the first and the last program elements. The contractor shall provide support to implement Agency and Center technology transfer program element activities, (refer to NASA Office of the Chief Technologist (OCT) Web site and other related technology transfer Web sites: <http://www.nasa.gov/centers/stennis/ssc-partnerships/index.html>, [www.invention.nasa.gov](http://www.invention.nasa.gov), <https://quicklaunch.ndc.nasa.gov>). Activities shall comply with NPD 7500.2, *NASA Innovative Partnerships Program* and NPR 7500.1, *NASA Technology Commercialization Process*.

If a new technology is created during the execution of this contract, the Contractor shall submit a New Technology Report (NTR) in the NASA NTR system. Submissions require approval by the cognizant NASA Technical Manager.

The Contractor must maintain compliance with the following processes and procedures:

- NPD 2090.6, *Authority to Enter into License Agreements and Implementation of Licensing Authority*
- NPD 2092.1, *Royalties and Other Payments Received by NASA from the Licensing or Assignment of Inventions*
- NPD 2110.1, *Foreign Access to NASA Technology Transfer Materials*
- NPR 2210.1, *Release of NASA Software*
- NPR 7500.1, *NASA Technology Commercialization Process*

<u>PWS ITEM</u>	<u>TITLE</u>	<u>REQUIREMENTS</u>	<u>ESTIMATED WORKLOAD DATA</u>	<u>PERFORMANCE STANDARD</u>
6.3.a	Support Technology Development	The Contractor shall gather and maintain information about SSC technology needs, possible partners, TTO project results, solutions to technology requirements and new technology	Approximately 20 projects each year	Databases are kept current and accurate.

		<p>implementation plans.</p> <p>This PWS element includes developing and maintaining technology solutions and implementation knowledge and databases.</p>		
6.3.b	Support Technology Transfer and Partnership Development Through Intellectual Property Management (IPM) Activities	The Contractor shall review and process NTRs; license and partnership agreements; software release process; software usage agreements (SUAs); non-disclosure agreements; provisional and non-provisional patent activities; NASA Tech Briefs articles, NASA Spinoffs, NASA awards, etc. per NPR 7500.1 and NPR 2210.1 processes.	About 25 NTRs; two (2) to five (5) licenses; 15 Tech brief articles, ten (10) SUAs and five (5) to ten (10) other activities per year	Maintain a 95% success rate in meeting assigned due dates for processing.
6.3.c	Maintain NASA Technology Transfer System (NTTS) and Other Formal and Informal Technology Transfer Related Databases; Develop Metrics and Related Reports for SSC and HQ	The Contractor shall keep current in the use of the required NASA NTTS and other related IT systems; ensure that required or appropriate relevant TTO data is input in a timely manner and maintained; process assorted reports on various metrics and related reporting needs using the databases.	NTTS requires daily maintenance with approximately 25 reports per year.	Reports are accurate and maintain a 95% success rate in meeting assigned due dates.



## APPENDIX A REFERENCE LIST

It is the Contractor’s responsibility to remain cognizant of and compliant with the most current version of applicable Federal, state and local laws and regulations, Presidential Executive Orders, NPD, NPR, SPD, SPR and SWI. When two (2) or more directives or instructions apply, Contractor personnel shall comply with the more stringent of the directives or instructions.

The most current versions of NPDs and NPRs can be found in the NODIS at: [http://nodis3.gsfc.nasa.gov/Rpt\\_current\\_directives.cfm](http://nodis3.gsfc.nasa.gov/Rpt_current_directives.cfm).

The most recent version of SSC’s SPDs and SPRs can be found in NODIS at: [http://nodis3.gsfc.nasa.gov/SSC\\_list.cfm](http://nodis3.gsfc.nasa.gov/SSC_list.cfm).

The following is a list of applicable documents:

<b>Document Number</b>	<b>Title</b>
29 CFR Part 4	Labor Standards for Federal Service Contracts
36 CFR Chapter XII	National Archives and Records Administration
5 U.S.C. 5332	General Schedule Pay Rates
5 U.S.C. 5341	Prevailing Rates System - Policy
44 U.S.C. 3301	Definition of Records
44 U.S.C. Chapter 21	National Archives and Records Administration
44 U.S.C. Chapter 29	Records Management by the Archivist of the US and by the Administrator of General Services
44 U.S.C. Chapter 31	Records Management by Federal Agencies
44 U.S.C. Chapter 33	Disposal of Records
ANSI/ISO/ASQ Q9001	Quality Management Systems Requirements Standard
DoD 5220.22	National Industrial Security Program
FIPS PUB 201	Personal Identification Verification (PIV) of Federal Employees and Contractors
HSPD-12	Homeland Security Presidential Directive
ISO-9000	Quality Management System
ISO-14001	Environmental Management
NIST SP 800-37	Risk Management Framework
NIST SP 800-53	Security and Privacy Controls for Federal Information Systems and Organizations
OMB Guidance M-05-24	Implementation of HSPD 12 – Policy for a Common Identification Standard for Federal Employees and

	Contractors
NASA-HDBK-6003	Application of Data Matrix Identification Symbols to Aerospace Parts Using Direct Part Marking Methods/Techniques
NASA PIC 06-01	PIV Card Issuance Procedures
NASA-STD-2804	Minimum Interoperability Software Suite
NASA-STD-2805	Minimum Hardware Configurations
NASA-STD-2822	Still and Motion Imagery Metadata Standard
NASA-STD-6002	Applying Data Matrix Identification Symbols on Aerospace Parts
NASA-STD-8719.13	NASA Software Safety Standard
NASA-STD-8739.8	Software Assurance Standard
NPD 1050.1	Authority to Enter into Space Act Agreements (Revalidated 10/30/2014)
NPD 1280.1	NASA Integrated Management System Policy
NPD 1420.1	NASA Forms Management
NPD 1440.6	NASA Records Management
NPD 2090.6	Authority to Enter into License Agreements and Implementation of Licensing Authority (Revalidated 4/9/2014)
NPD 2092.1	Royalties and Other Payments Received by NASA from the Licensing or Assignment of Inventions (Revalidated 8/12/2008)
NPD 2110.1	Foreign Access to NASA Technology Transfer Materials
NPD 2540.1	Personal Use of Government Office Equipment Including Information Technology
NPD 2800.1	Managing Information Technology
NPD 2810.1	NASA Information Security Policy
NPD 4300.1	NASA Personal Property Disposal Policy (Revalidated 8/22/2011)
NPD 6000.1	Transportation Management
NPD 7500.2	NASA Innovative Partnerships Program
NPD 8730.2	NASA Parts Policy (Revalidated 12/6/2013)
NPD 8730.5	NASA Quality Assurance Program Policy (Revalidated 6/29/2011 updated w/ Change 2 5/15/2013)
NPR 1400.1	NASA Directives and Charters Procedural Requirements
NPR 1441.1	NASA Records Retention Schedules (w/ Change 5 6/26/2009)
NPR 1450.10	NASA Correspondence Management and Communications Standards and Style (w/ Change 2 1/21/2011)
NPR 1600.1	NASA Security Program Procedural Requirements

NPR 1800.1	NASA Occupational Health Program Procedures (w/ Change 2 5/17/2013)
NPR 2210.1	Release of NASA Software
NPR 2570.1	NASA Radio Frequency (RF) Spectrum Management Manual
NPR 2800.1	Managing Information Technology
NPR 2800.2	Electronic and Information Technology Accessibility
NPR 2810.1	Security of Information Technology (Revalidated w/ Change 1 5/19/2011)
NPR 2841.1	Identity, Credential and Access Management
NPR 4100.1	NASA Materials Inventory Management Manual (Revalidated 2/9/2006)
NPR 4200.1	NASA Equipment Management Procedural Requirements
NPR 4300.1	NASA Personal Property Disposal Procedural Requirements
NPR 4310.1	Artifact Identification and Disposition
NPR 7120.7	NASA Information Technology and Institutional Infrastructure Program and Project Management Requirements
NPR 7150.2	NASA Software Engineering Requirements
NPR 7500.1	NASA Technology Commercialization Process (w/ Change 1 4/9/2004)
NPR 8621.1	NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating and Recordkeeping (w/ Change 7)
NPR 8715.1	NASA Occupational Safety and Health Programs
NPR 8715.2	NASA Emergency Preparedness Procedural Requirements
NPR 8715.3	NASA General Safety Program Requirements (w/ Change 9 2/8/2013)
NPR 8735.1	Procedures For Exchanging Parts, Materials, Software and Safety Problem Data Utilizing the Government-Industry Data Exchange Program and NASA Advisories
SCWI-5100-0001	John C. Stennis Space Center Procedures for Initiating the Purchase of Supplies and Services
SCWI-8500-0004-ENV	John C. Stennis Space Center Hazardous Material, Hazardous Waste and Solid Waste Plan
SCWI-8500-0019-ENV	John C. Stennis Space Center Asbestos Hazard Control Plan
SCWI-8710-0003	John C. Stennis Space Center IRIS Work Instruction
SCWI-8710-0004	John C. Stennis Space Center Internal Audit Process
SCWI-8715-0001	John C. Stennis Center Lightning Warning System
SCWI-8715-0003	John C. Stennis Center Fall Protection Program
SCWI-8715-0004	John C. Stennis Space Center Confined Space Entry Program
SCWI-8715-0005	John C. Stennis Space Center Safety, Health, Housekeeping and Essential Item Inspections

SCWI-8715-0008	John C. Stennis Space Center Construction and Health Program
SCWI-8715-0016	John C. Stennis Space Center Close Call Reporting System (CCRS)
SCWI-8730-0002	John C. Stennis Space Center Corrective Action, Preventive Action and Improvement
SCWI-8730-0004	Instructions to Initiate and Process Form SSC 715- CPI Report
SCWI-8830-0001	John C. Stennis Space Center Facility Manager Program Handbook
SOI-8715-0002	John C. Stennis Space Center Engineering and Test Directorate Process Safety Management Program
SOI-8080-0052	John C. Stennis Space Center Software Life-Cycle and Development Process
SPD 1050.1	John C. Stennis Space Center Agreement Preparation, Processing and Management
SPD 1280.1	Management System Policy
SPD 2800.1	Provision of Institutionally Funded IT Resources and Services
SPD 2800.4	John C. Stennis Space Center Policy Directive Information Technology Project Management
SPD 2810.1	Information Technology (IT) Network Security
SPD 5100.1	John C. Stennis Space Center Policy for Ordering of Materials and Support Services at Stennis Space Center
SPLN-1040-0006	Emergency Management Plan
SPLN-1200-0003	SSC SMA Technical Authority Implementation Plan
SPLN-7120-0007	John C. Stennis Center Organizational Risk Management Plan for the Safety and Mission Assurance Directorate
SPLN-8500-0002	John C. Stennis Space Center Energy-Efficiency and Water Conservation 5-Year Plan
SPLN-8621-0003	John C. Stennis Space Center Mishap Preparedness and Contingency Plan
SPR 1280.1	SSC Management System Requirements
SPR 1400.1	Document Preparation, Numbering and Management
SPR 1420.1	John C. Stennis SSC Forms Management
SPR 1440.1	Records Management Program Requirements
SPR 1600.1	John C. Stennis Space Center Security Requirements Handbook
SPR 7120.1	SSC Risk Management Procedural Requirements
SPR 8500.2	John C. Stennis Space Center Environmental Operations and Implementation Program Procedural Requirements
SPR 8715.1	Safety and Health Procedural Requirements
SPR 8730.2	John C. Stennis Space Center NASA/SSC Parts and Control
SPR 8739.1	Software Assurance Procedural Requirements
SSP-8715-0001	John C. Stennis Space Center Safety and Health Handbook

SWI-1400-0003	SSC SMA Management and Administrative Controls and Reviews
SWI-2800-0004	John C. Stennis Space Center Management of SDC Application Development Projects
SWI-8735-0001	SSC Government Industry Data Exchange Program (GIDEP)/NASA ALERTS Implementation

## APPENDIX B ACRONYM LIST

AA	Office of the Center Director, SSC
ACA	Associate Contractor Agreement
ACES	Agency Consolidated End User Services
ACL	Access Control List
ALI	Automatic Location Identification
AN	Annually
ANI	Automatic Number Identification
ANSI	American National Standards Institute
AR	As Required
ASP	Active Server Pages
ASQ	American Society for Quality
ATIS	Audit Tracking Information System
ATO	Authority To Operate
AV	Audio Visual
A&A	Assessment and Authorization
BA	Office of the Chief Financial Officer, SSC
BICE	Bureau of Immigration and Customs Enforcement
BLS	Bureau of Labor Statistics
BOE	Basis of Estimate
CATV	Cable TV
CAD	Computer Aided Drafting/Design
CCB	Configuration Control Board
CCRS	Close Call Reporting System
CCS	Center Chief of Security
CCTS	Configuration Control Tracking System
CCTV	Closed Circuit TV
CD	Compact Disc

CDS	Contract Deliverable System
CFO	Chief Financial Officer
CFR	Code of Federal Regulations
CIO	Chief Information Officer
CPIC	Capital Planning and Investment Control
CISO	Chief Information Security Officer
CLIN	Contract Line Item Number
CM	Configuration Management
CMMS	Computerized Maintenance Management System
CO	Contracting Officer
COMSEC	Communications Security
COOP	Continuity of Operations
COR	Contracting Officer's Representative
COTS	Commercial off the shelf
CPRs	Core Program Requirements
CSO	Corporate Security Officer
CUI	Controlled Unclassified Information
DA	Office of Procurement, SSC
DART	Days Away Restricted Transfer
DCII	Defense Central Index of Investigation
DDMS	Design and Data Management System
DHS	Department of Homeland Security
DM	Document Management
DPD	Data Procurement Document
DoD	Department of Defense
DOL	Department of Labor
DOT	Department of Transportation
DR	Data Requirement
DRD	Data Requirements Description
DSS	Defense Security Services
DTV	Digital Television

DVD	Digital Video Disc or Digital Versatile Disc
DW	Data Warehouse
EA	Enterprise Architecture or Engineering and Test Directorate, SSC
EC	Equipment Custodian
ECD	Estimated Completion Date
EEE	Electrical, Electronic and Electro-
EIA	Electronic Industries Alliance
EIT	Electronic and Information Technology
EMF	Experience Modification Factor
EMS	Environmental Management System
EN	Environmental
ENV	Environmental
EPACS	Enterprise Physical Access Control System
EOD	Enter on Duty
EOL	End of Life
EOS	End of Service
EOY	End of Year
EPA	Environmental Protection Agency
ESD	Enterprise Service Desk
FAR	Federal Acquisition Regulation
FDS	Funds Distribution System
FFP	Firm Fixed Price
FIPS PUB	Federal Information Processing Standards Publication
FISMA	Federal Information Security Management Act
FMD	Financial Management Division
FOB	Freight on Board
FOIA	Freedom of Information Act
FRC	Federal Records Center
FSO	Facility Security Officer
FTP	File Transfer Protocol
FTR	Federal Travel Regulations



FY	Fiscal Year
GAO	General Accountability Office
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GFY	Government Fiscal Year
GIAC	Global Information Assurance Certification
GIDEP	Government-Industry Data Exchange Program
GIS	Geographical Information Systems
GOTS	Government Off-The-Shelf
GOV	Government Owned Vehicle
GPEN	Global Information Assurance Certification (GIAC) Penetration Testing
GPO	Government Printing Office
GPOs	Group Policies
GS	General Schedule
GSA	General Services Administration
HDBK	Handbook
HP	Hewlett Packard
HQ	Headquarters
HSPD	Homeland Security Presidential Directive
HTML	Hypertext Markup Language
HVAC	Heating, Ventilation and Air Conditioning
I3P	IT Infrastructure Integration Program
IAGP	Installation Accountable Government Property
ICAM	Identity, Credential and Access Management
ID	Incident Detection
IDIQ	Indefinite Delivery Indefinite Quantity
IDMS	Identity Management System
IDS	Intrusion Detection Systems
IMC	IT Monitoring Center
IMRR	Installation, Modification, Removal and Repair
IP	Internet Protocol or Intellectual Property

IPAM	Internet Protocol Address Management
IPM	Intellectual Property Management
IPP	Innovative Partnership Program
IR	Incident Response
IRIS	Incident Reporting Information System
IRM	Incident Response Manager
IRMA	Integrated Risk Management Application
ISO	International Organization for Standardization
IT	Information Technology
ITS	Information Technology Services
ITSATC	IT Security Awareness and Training Center
ITU	International Telecommunication Union
JPEG	Joint Photographic Experts Group
KDR	Key Decision Record
KM	Knowledge Management
LA	Office of Human Capital, SSC
LAN	Local Area Network
LDS	Lightning Detection System
LNVR	Lenel Network Video Records
LOE	Level of Effort
LS	Logistics/Support
MA	Program Management
MACD	Move, Add, Change, and Delete
MAF	Michoud Assembly Facility
MF	Manning and Financial
MO	Monthly
MPEG	Moving Picture Experts Group
MRI	Master Records Index
MS	Microsoft
NAC	National Agency Check
NACI	National Agency Check with Inquiries

NAICS	North American Industry Classification System
NAIS	NASA Acquisition Internet Service
NASA	National Aeronautics and Space Administration
NCAD	NASA Consolidated Active Directory
NCCIPS	National Center for Critical Information Processing and Storage
NCI	NASA Communications Initiative
NCIC	National Crime Information Center
NEACC	NASA Enterprise Applications Competency Center
NEF	NASA Electronic Forms
NF	NASA Form
NFS	Network File System or NASA FAR Supplement
NFNMS	NASA Foreign National Management System
NICS	NASA Integrated Communications Services
NIEG	NASA Imagery Experts Group
NISN	NASA Integrated Services Network
NISPOM	National Industry Security Program Operating Manual
NIST	National Institute of Standards and Technology
NMIS	NASA Mishap Information System
NNM	NASA/SSC Network Manager
NODIS	NASA Online Directive Information System
NPD	NASA Procedural Directive
NPR	NASA Procedural Requirement
NSA	National Security Agency
NSSC	NASA Shared Services Center
NTE	Not To Exceed
NTIA	National Telecommunications and Information Administration
NTR	New Technology Report
NTTS	NASA Technology Transfer System
OAC	Other Accumulated Cost
OCI	Organizational Conflict of Interest
OCIO	Office of the Chief Information Officer

OCT	Office of the Chief Technologist
OENS	Outdoor Emergency Notification System
OFPP	Office of Federal Procurement Policy
OJT	On-Job-Training
OMB	Office of Management and Budget
OPM	Office of Personnel Management
OSHA	Occupational Safety and Health Administration
OT	One Time
PACS	Physical Access Control System
PBX	Private Branch Exchange
PCI	PIV Card Issuance
PDD	Product Definition Data
PDF	Portable Document Format
PDLM	Product Data and Life-cycle Management
PI	Planned Inspection
PIC	Procurement Information Circular
PIN	Personal Identification Number
PIP	Performance Improvement Period or Performance Improvement Plan
PIV	Personal Identity Verification
PM	Performance Monitors or Program Manager
POAM	Plan of Actions and Milestones
POC	Point of Contact
PPE	Personal Protective Equipment
PPIRS	Past Performance Information Retrieval System
PTC	Parametric Technology Corporation
PWS	Performance Work Statement
QA	Safety and Mission Assurance Directorate, SSC
QAMP	Quality Assurance Management Plan
QASP	Quality Assurance Surveillance Plan
QATAP	Quality Assurance Through Attributes Program
QU	Quarterly

RA	Reliability and Quality Assurance or Center Operations Directorate, SSC
RDMO	Records and Document Management Office
RF	Radio Frequency
RFP	Request for Proposal
ROM	Rough Order of Magnitude
RR	Record Review
RT	One Time and Revision
SA	Safety/Health
SAAM	Space Act Agreement Maker
SACOM	Synergy-Achieving Consolidated Operations and Maintenance
SAIC	Science Applications International Corporation
SAM	System for Award Management
SAN	Storage Area Network
SAP	System Application Processes
SATERN	System for Administration, Training and Educational Resources for NASA
SBU	Sensitive But Unclassified
SCA	Service Contract Act
SCDS	Stennis Contracts Deliverable System
SCWI	Stennis Common Work Instruction
SDC	Stennis Data Center
SDO	Stennis Dissenting Opinion
SEMO	Supply and Equipment Management Officer
SES	Senior Executive Service
SFCG	Space Frequency Coordination Group
SHE	Safety, Health and Environment
SIC	Standard Industrial Classification
SLC	Standard Labor Classification
SLL	Stennis Lessons Learned
SMA	Safety and Mission Assurance Directorate
SOC	Security Operations Center
SONET	Synchronous Optical Networking

SP	Special Publication
SPD	Stennis Policy Directive
SPLN	Stennis Plan
SPR	Stennis Procedural Requirements
SQL	Structured Query Language
SR	Service Request
SRS	Service Request System
SSAP	Software Safety and Assurance Plan
SSC	Stennis Space Center
SSCRM	SSC Records Manager
SSN	Social Security Number
SSP	Stennis Safety Procedure
STD	Standard
STE	Secure Terminal Equipment
SUAs	Software Usage Agreements
SVN	Stennis Video Network
SWI	Stennis Work Instruction
SWR	Stennis Work Request
TA	Technical Authority
TBD	To Be Determined
TCC	Test Control Center
TCP	Total Compensation Plan
TIA	Telecommunications Industry Association
TOIS	Task Order Initiation System
TRIR	Total Reportable Injury Rate
TRL	Technical Reference Library
TV	Television
TTO	Technology Transfer Office
UHF	Ultra-High Frequency
UPI	Unplanned Inspection
U. S.	United States

U.S.C.	United States Code
USB	Universal Serial Bus
USDA	United States Department of Agriculture
UTP	Unshielded Twisted Pair
VCC	Validated Customer Complaints
VIP	Very Important Person
VITS	Video Interactive Teleconferencing System
VoIP	Voice Over Internet IP
VPP	Voluntary Protection Program
WAN	Wide Area Network
WBS	Work Breakdown Structure
WK	Weekly
WYE	Work Year Equivalent
XML	Extensible Markup Language
YTD	Year to Date

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

**ATTACHMENTS J-2**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**DATA REQUIREMENTS DESCRIPTION (DRD)**



**JOHN C. STENNIS SPACE CENTER (SSC)  
INFORMATION TECHNOLOGY SERVICES (ITS) CONTRACT**

**ATTACHMENT J-2  
DATA REQUIREMENTS DESCRIPTION**

**INTRODUCTION**

**1.0 SCOPE**

This is the basic contract document that shall govern all data required by and for the ITS Contract.

Data generated within the normal course of the contracted work, and not a part of the data required by a Data Requirements Description (DRD), shall be made available in accordance with the requirements of the ITS contract.

The Contractor shall prepare, maintain and deliver all data described in the Data Requirements (DRs) form. This data shall be in accordance with the general requirements set forth in this document and individual requirements within each DR.

**2.0 DESCRIPTION**

This document contains DRD general requirements, a comprehensive listing of DRs and individual DRs. The following general requirements are applicable to the preparation, maintenance and delivery of data and are better defined in aggregate than in the individual data requirements descriptions.

**3.0 GENERAL REQUIREMENTS**

**3.1 Delivery**

**3.1.1 Deferred**

NASA reserves the right to reasonably defer the dates of the delivery of any or all data required to be submitted by this DRD. Such right may be exercised at no increase in the contract amount. In the event that NASA defers delivery of a data item, resulting in a cost impact to the total contract cost, the contract amount could be subject to equitable adjustment in accordance with the contract clause entitled "Changes."

**3.1.2 Delayed**

The Contractor shall notify the Contracting Officer (CO) of all DR delivery delays.

### 3.2 Cost of Data Required by a DRD

The cost of data to be furnished in response to a DRD is included in the total cost of this contract.

### 3.3 Referenced Documents

Documents referenced in a DR become a part of the DR unless otherwise specified. When a document is referenced in a DR, the Contractor shall utilize the most recent version of that document.

### 3.4 Contractor's Internal Documents

The Contractor's internal documents shall be used to meet the data requirements of this DRD. These documents shall not be rewritten for the sake of meeting the minimum requirements as specified in the applicable DR. In instances where minor differences in content and format exist between DRD requirements and contractor's document, action will be taken to resolve these differences, and where appropriate, a change in requirements will be effected.

### 3.5 Document Identification

Documents published by the Contractor and submitted in response to a DR shall be identified using an organized identification numbering system prescribed by the Contractor. Documents submitted in response to the data requirements of the DRD, that are to be subsequently published by NASA, shall be identified as prescribed by NASA.

Unless otherwise specified, all document submittals shall be clearly marked with the contract number and applicable DR number. Documents that satisfy the requirement of more than one DR shall be marked with all applicable DR numbers.

### 3.6 Reference to Other Documents in Data Submittals

Data submittals that contain references to other documents are permissible and shall contain such identification elements as title and document number. When a document to be referenced would only be applicable to a minor or limited extent, every effort shall be made to include the applicable information in the submittal rather than using the reference. All referenced documents shall be made readily available to NASA upon request.

### 3.7 Printing Requirements

Unless otherwise specified, all data shall be prepared, maintained, and delivered to NASA, in accordance with the requirements, utilizing the Government-provided electronic Contract Deliverable System. Additionally, the contractor shall deliver a minimum of one copy of each DR response to a member of each organization listed in the "distribution" field on each DR. If a DRD submittal requires delivery in other-than-electronic format, printing shall be completed in the most economical method commensurate with the size of the report and its intended use (e.g.,

double sided, black and white).

### 3.8 DRD Submittal Revisions

Successive issues or revisions shall be identified in the same manner as the basic issue and shall include appropriate change identification.

The document shall be completely reissued when changes are significant or affect the accuracy of the document. Changes of a minor nature (typing errors, misspelled words, etc.) shall only be made whenever a technical change is made unless the accuracy of the document is affected.

Contractor submittals shall not contain pen and ink markups which correct, add to, or change the text, unless schedule problems exist and approval is obtained in writing from the Contracting Officer's Representative (COR). Such markups, however, shall be legible and not exceed 20% of the page content. Hand drawn schematics, block diagrams, data curves and similar charts may be used in original reports in lieu of formally prepared art work. Acceptability will be determined by the COR performing the quality inspection function.

### 4.0 SSC FORM 166, DATA REQUIREMENT (DR)

SSC Form 166 prescribes the type and frequency of submission, distribution, use, and preparation requirements.

For the purpose of classification and control, DRs are grouped into the following management categories:

<u>CATEGORY SYMBOL</u>	<u>DESCRIPTION</u>
CM	Configuration Management
DM	Documentation Management
EN	Environmental
FA	Facilities
GA	Operations
IT	Information Technology
LS	Logistics/Support
MA	Program Management
MF	Manning and Financial
PC	Procurement/Contracts
PT	Propulsion Testing
RA	Reliability and Quality Assurance
SA	Safety/Health
SC	Schedules

The symbol representing these categories forms the prefix of the DR identification number.

Codes used on the Data Requirements Form are defined as follows:

Block 1 - Number/Issue

Modifications to the original DR will be identified in this block by the originator of the DR.

Block 2 - Title

Entries indicate the formal title of the DR.

Block 3 - DR Number, Page

The DR Number is made up of the following: the Category Symbol (above), followed by a sequential number and the page number of the DR is also entered.

Block 4 – Data Type

CODE	DESCRIPTION
1	Data requiring written approval by procuring activity prior to implementation into procurement or development.
2	Data submitted to procuring activity for review not later than the time specified in the Data Requirement. Data shall be considered approved unless contractor has been notified of disapproval within 14 days of data submittal.
3	Data submitted to procuring activity for coordination, surveillance, or information.
4	Data retained by respondent to be made available to procuring activity upon request. The respondent shall furnish a list to procuring activity upon request.
5	Data to be retained by respondent and reviewed by NASA on request.

Block 5 - Frequency of Submission

CODE	DESCRIPTION	CODE	DESCRIPTION
AD	As Directed	PI	Per Equipment End Item
AN	Annually	PJ	Per Project
AR	As Required	PL	Per Launch
BE	Biennially (every other year)	PS	Per System
BM	Bimonthly (every other month)	PT	Per Test
BW	Biweekly (every other week)	PV	Per Vehicle
DA	Daily	QU	Quarterly
DD	Deferred Delivery	RD	As Released
MO	Monthly	RT	One Time and Revision
OT	One Time	SA	Semiannually (every six months)
PC	Per Contract Performance Period	TY	Three Per Year
PD	Per Failure	UR	Upon Request
PE	Per Event	WK	Weekly
PF	Per Facility		

NOTE: All technical metrics with Monthly (MO) submission requirement shall contain current month and prior eleven (11) months data.

Block 6 – Distribution

AA – Office of the Center Director, SSC  
BA – Office of the Chief Financial Officer, SSC  
CA – Office of the Chief Counsel, SSC  
DA – Office of Procurement, SSC  
IA – Office of Communications, SSC  
LA – Office of Human Capital, SSC  
UA – Office of Education, SSC  
EA – Engineering & Test Directorate, SSC  
QA – Safety & Mission Assurance Directorate, SSC  
RA – Center Operations Directorate, SSC  
TA – Rocket Propulsion Test Program Office, SSC

NOTE: Functional positions may also be included in the block based upon content responsibility and reporting requirements.

Block 7 – Initial Submission

Entries indicate the date the data should be submitted for the first time.

Block 8 - As of Date

Entries indicate the due date or milestone for inputs.

Block 9 – Use

Entries indicate the intended purpose of the data.

Block 10 - Reference

Entries reference other documents pertaining to the requirement of the data requested.

Block 11 – Preparation Information


The Contractor shall prepare the data according to the instructions noted in this block.

5.0 MAINTENANCE

Revisions to this document shall be accomplished by contractual direction (e.g., Change Order, Supplemental Agreement). Typographical errors may be corrected by means of Contract Office notification letter.

## DR INDEX, SSC

	<b>DR Number</b>	<b>DR Title</b>
1	DM01	Records Management Program Plan
2	DM02	Final Records Contract Close-out Inventory
3	DM03	Monthly Report of Agreements and Directives Review
4	IT01	Information Security Management Plan
5	IT02	Monthly Contract / Project Review
6	IT03	ITS WBS 2.0 Information Technology Planning, Policy and Management Contract Metrics
7	IT04	ITS WBS Section 3.0 Application and Hosting Services Contract Metrics
8	IT05	ITS WBS 4.0 Audio Visual/Video Services Contract Metrics
9	IT06	ITS WBS Section 5.0 Communication Services Contract Metrics
10	IT07	ITS WBS 6.0 Technology Support Services Contract Metrics
	IT08	Reserved
11	LS01	Property Control & Administration Procedures
12	MA01	List of Key Management Personnel
13	MA02	Conflict of Interest Plan
	MF01	Reserved
14	MF02	Financial Management Report Detail (electronic)
	MF03	Reserved
	MF04	Reserved
	MF05	Reserved
	MF06	Reserved
15	MF07	Cost of Operations Report
16	MF08	Monthly Resources Management Status Review
17	RA01	Quality Assurance Management Plan (QAMP)
18	RA02	Quality Assurance Management Plan Quarterly Summary Report
19	RA03	Software Safety and Assurance Plan (SSAP)
20	RA04	Personnel Training and Certification Plan
21	SA01	Safety and Health Plan
22	SA02	Contractor Safety and Environmental Health Program Annual Self-Evaluation Report
23	SA03	Mishap and Safety Statistics Monthly Report
24	SA04	Mishap and Close Call Notification


 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
			1. Number    Issue 01
2. Title: Records Management Program Plan		3. DR Number Page Date Rev. DM01 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 2	5. Frequency of Submission: AN		
6. Distribution: Approval: RA40 Records Manager Distribution: DA00, EA00, QA00 and RA00	7. Initial Submission: 120 days after contract start		
8. As of Date: December 31st			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: This DR Description establishes the requirement for (1) a Records Management Program Plan covering the contractor's policies and objectives for the organization, implementation and control of documentation required for operation and support of SSC, and (2) a Master Records Index (MRI) from each Directorate and Staff Office with descriptions of NASA records maintained, retention authority and disposition.		10. Reference: NPR 1441.1 NPD 1440.6 SPR 1440.1	
<p>11. Preparation Information:</p> <p>The Records Management Program Plan shall identify all elements of the program function including organizational pattern (i.e. relationship to line and staff), implementation policy and procedures, the subcontractor interface and the reporting and control system for functions outlined in the plan.</p> <p>The plan shall outline the contractor's proposed controls and processes, as necessary to define the documentation distribution control system. The plan shall define, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>A. Requirements, including implementation and operational methods.</li> <li>B. The plan shall list all acronyms used.</li> <li>C. The plan will depict a hierarchy of documents from contracts requirements through implementing and operational documents.</li> <li>D. The plan shall describe all documents processes used and shall include flow charts.</li> <li>E. The plan shall depict the process of documentation initiation; approval; implementation; methods of revision; reporting and submittal; and modifications or changes.</li> <li>F. The plan will address a system for management of records and disposition of files.</li> </ul> <p>The Records Management Program Plan shall be reviewed annually and necessary revisions submitted for approval by December 31<sup>st</sup> each year.</p> <p>The MRI shall provide identity of all NASA records being generated in the performance of the contract and shall include Agency File Scheme (AFS) number, the description of NASA records maintained; the records disposition; and the authority per NPR. 1441.1</p> <p>The MRI shall be submitted in accordance with SPR 1440.1, <i>Records Management Program Requirements</i>, and entered into the SSC TechDoc System.</p> <p>The MRI shall be updated as changes occur and/or reviewed and updated by December 31<sup>st</sup> each year.</p>			

SSC-166 (September 2013)


 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	02
2. Title: Final Records Contract Close-out Inventory		3. DR Number Page Date Rev. DM02 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 2	5. Frequency of Submission: OT		
6. Distribution: Approval: RA40, RA40 Records Manager Concur: COR Info: CO	7. Initial Submission: 90 days prior to end of contract		
8. As of Date: 90 days prior to end of contract			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: The purpose of this DR is to determine the amount of Government-owned records at NASA Center that will be turned over to the follow-on contract or stored at the NASA / SSC Archives. This DR Description establishes the requirement for a complete and final record inventory at contract close-out.		10. Reference: NPR 1441.1 NAR General Records Sched; 36 CFR, Ch. XII, Subchapter B, Records Management	
11. Preparation Information: The contractor shall submit a volume report to accompany the final inventory, indicating the total quantity of records held by the contractor. The volume shall be listed in cubic feet for hard copy records, and in megabytes for records in electronic formats. The Center records manager will provide guidance on how to calculate the volume of hard copy records. The report shall include sufficient technical documentation of all electronic records to permit the agency access and use. The report shall include sufficient detail and location documentation of all hard-copy records to permit the agency access and use.  Submitted via the Contract Deliverable System (CDS).			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
			1. Number    Issue 03
2. Title: Monthly Report of Agreements and Directives Review		3. DR Number Page Date Rev. DM03 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO		
6. Distribution: RA40/Directives Manager and Owner Directives Office	7. Initial Submission: 30 days after contract begins		
8. As of Date: Contract Start			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: The purpose of this DR is to give reminder notifications to document owners of upcoming expirations or reviews. This DR Description is to establish a system of reminders to document owners of upcoming documents needing review or expiring.		10. Reference: SPD and NPD 1050.1 NPR 1400.1 and SPR 1400.1	
<p>11. Preparation Information:</p> <p>The contractor shall submit a report of all expiring SSC Policy Documents and Agreements that will be upcoming for review or expiration within 30 / 60 / 90 days. These reports shall be listed by organization and a report shall be given to the SSC Directives Manager as well as to each Directorate for their respective documents. The Directives Manager will provide guidance on how these reports will be formatted. The reports shall include the name of the document, the date of review or expiration, and the number of notifications sent to the Directorate.</p> <p>Submitted via the Contract Deliverable System (CDS) and organizations listed in field 6: Distribution.</p>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	04
2. Title: Information Security Management Plan		3. DR Number Page Date Rev. IT01 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 1	5. Frequency of Submission: AN		
6. Distribution: Approval: RA40 Chief Information Security Officer (CISO) Info: RA40, CO	7. Initial Submission: 60 days after contract start		
8. As of Date: September 30th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: This DR establishes the IT Security Management Plan for contractor personnel and information systems owned by the Contractor or the Government		10. Reference: NPR 2810.1 SPD 2810.1	
11. Preparation Information: Develop a program plan to address all aspects required by NPR 2810.1. This plan must include the following: <ol style="list-style-type: none"> <li>1. Complying with applicable security and awareness annual training requirements as specified in NPR 2810.1, <i>Security of Information Technology</i>. A complete training report shall be provided to the Center CISO.</li> <li>2. Securing and protecting sensitive information under the Contractor's control, in all forms, through the use of encryption, access restriction sanitization or screening for personnel supporting the information security program.</li> <li>3. Reporting all suspected or actual information security incidents to the Center Incident Response Team or the NASA Security Operation Center (SOC).</li> <li>4. Using Center and Agency standards for installing antivirus software on systems owned by the Contractor or the Government and operated by the Contractor.</li> <li>5. Using Center and Agency standards for regularly patching systems owned by the Contractor or the Government and operated by the Contractor.</li> </ol>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	05
2. Title: Monthly Contract / Project Review		3. DR Number Page Date Rev. IT02 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO		
6. Distribution: CO, COR, RA40, Technical Managers	7. Initial Submission: 51 days after contract start		
8. As of Date: 21 days after month end			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: This DR establishes the requirements for monthly contract reviews for the purpose of providing contract and project status to the CO, COR, and customers of ITS services.		10. Reference:	
11. Preparation Information: Develop and present a monthly contract and project status review to the CO, COR, technical managers, and customers of ITS services. This review shall contain: <ul style="list-style-type: none"> <li>• Contract, project, and operations status including: technical, schedule, and budget data.</li> <li>• Selected metrics data in all other contract DR's as specified by the CO and COR, particularly those identified in DR's IT03-IT08.</li> <li>• Data specified by the CO to provide status of contract activities.</li> </ul> Submitted via the Contract Deliverable System (CDS) and to attendees of monthly reviews.			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
			1. Number    Issue 06
2. Title: ITS WBS 2.0 Information Technology Planning, Policy and Management Contract Metrics		3. DR Number Page Date Rev. IT03 Page 1 of 2	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO QU AN AR		
6. Distribution: COR, RA40	7. Initial Submission: 45 days after contract start		
8. As of Date: Monthly – 15 days after month end Quarterly – 15 days after end of quarter Annual – 30 days after year end or as requested			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: Metrics data for technical areas as defined in Block 11.  Reports submitted via email to individuals / groups identified in Block 6 "Distribution."		10. Reference:	
11. Preparation Information:			
2.1 – CIO Technical Support			
IT Services Management	Orders processed by functional area. Coordinate requirements with those identified in Sections 2-5 of the PWS. Includes all seats/services tracked by the Contractor as directed by NASA project/functional managers.	MO	
2.2 – IT Security Services			
System Security Plans	Listing of SSC system security plans.	AN / As Requested	
IT Security Incidents	Total number of IT security incidents by category, timeframe (business/non-business) and close time/date.	MO	
Patch Status Report	Provide patch status by information system.	MO	
Vulnerability Scan Report	Provide vulnerability scan results report.	MO / As Requested	
2.3 – IT Configuration Management			
Service Requests / Change Requests	Metrics on number and status of service requests and change requests by functional area and/or CCB	MO	
Maintenance / EOL / EOS Status Report	Identify SSC IT components at risk for lapse of maintenance, end of life, and end of service	As Requested	

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Stennis Space Center, MS 39529-6000

**Data Requirement (DR)  
Continuation Sheet**

Data Procurement Document  
1. Number Issue  
06

2. Title:  
ITS WBS 2.0 Information Technology Planning, Policy and Management Contract Metrics

3. DR Number Page Date Rev.  
IT03 Page 2 of 2

**DATA REQUIREMENT DESCRIPTION - CONTINUATION**

11. Preparation Information:

2.4 – Help Desk Services


Number of Trouble Calls	Number of trouble calls by tier and by functional area. Include time to resolution statistics by tier.	MO
Call Abandon Rate	Number of calls unanswered or terminated prior to resolution	MO

2.5 – Records Management and Documentation Control

Number of Records Received	Total Number of New Records Received	MO / As Requested
Number of Record Reviews	Total Number of New Record Reviews Completed	MO / As Requested
Record Loads	Total Number of New Records Loaded	MO / As Requested
Record Updates	Total Number of New Records Updated	MO / As Requested
Notifications for Upcoming / Delinquent Updates Required	Total Number of New Notifications Transmitted to Record POCs for Upcoming 'Expiration' of Records or Delinquent Update / Review / Disposition of Records	MO / As Requested
Number of Record Requests	Total Number of New Record Requests Received and % Completed	MO / As Requested
Space Utilization	%Volume of Total Records Facility Space Utilized	QU / As Requested
NODIS Directives	Total Number of New NODIS Directive notifications/update requests Received and % Completed	QU / As Requested
Records Management Training	Total Number of Personnel Trained	QU / As Requested
Records Management Projections	Projections on future space utilization based upon past period of performance and any long-term issues anticipated, or ideas for potential improvements.	AN / AR

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	07
2. Title: ITS WBS Section 3.0 Application and System Services Contract Metrics		3. DR Number Page Date Rev. IT04 Page 1 of 2	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO AN		
6. Distribution: COR, RA40	7. Initial Submission: 45 days after contract start		
8. As of Date: Monthly – 15 days after month end Annual – 30 days after year end or as requested			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: Metrics data for technical areas as defined in Block 11.  Reports submitted via email to individuals/groups identified in Block 6 "Distribution."		10. Reference:	
11. Preparation Information: 3.1 – IT System Administration and Data Center Services			
Patches Released	Total patches released and patches released within 48 hours of availability	MO	
Availability: Moderate and Low Rated Systems	Availability % of moderate and low rated systems as specified in the surveillance plan	MO	
Data Recovery	Number of data restores and success rate for quarterly testing and customer requested restores	MO	
Server Service Requests	Server service requests submitted, completed, and on hold	MO	
OS Instances	Total number of OS instances by security plan	AN / As Requested	
Hardware	Total number of pieces of hardware by security plan	AN / As Requested	
Applications / File Shares	Total number of end user applications and file shares	AN / As Requested	
Backup Tapes	Total number of backup tapes and estimated backup tape storage capacity	AN / As Requested	
Storage Capacity / Storage Allocated	Total online storage capacity and total online storage allocated	AN / As Requested	

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## Data Requirement (DR) Continuation Sheet

Data Procurement Document

1. Number Issue  
07

2. Title:  
ITS WBS Section 3.0 Application and System Services Contract Metrics

3. DR Number Page Date Rev.  
IT04 Page 2 of 2


### DATA REQUIREMENT DESCRIPTION - CONTINUATION

11. Preparation Information:

3.2 – Application and Web Site Services


Application Metrics	Total Number of Application Development Requests Processed (Received vs Completed) and % Application Development Requests completed within schedule / budget	MO / As Requested
Web Site Metrics	Total Number of Web Site Development Requests Processed (Received vs Completed) and % Web Site Development Requests completed within schedule / budget	MO / As Requested
Application / Web Site Availability	Application and Web Site Availability Metrics	MO / As Requested
Application / Web Site Projections	Projections on future application / Web site development and sustainment efforts required based on past period of performance and any long-term issues anticipated or ideas for potential improvements	AN / As Requested

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	08
2. Title: ITS WBS 4.0 Audio Visual/Video Services Contract Metrics		3. DR Number Page Date Rev. IT05 Page 1 of 2	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO AN AR		
6. Distribution: COR, RA40	7. Initial Submission: 45 days after contract start		
8. As of Date: Monthly – 15 days after month end Annual – 30 days after year end or as requested			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: Metrics data for technical areas as defined in Block 11.  Reports submitted via email to individuals/groups identified in Block 6 "Distribution."		10. Reference:	
11. Preparation Information: 4.1 – Audio Visual Services			
AV Requests	Total Number of AV Requests Received (categorized for type/location and status)	MO / As Requested	
AV Help Desk Calls	Total Number of New Help Desk Calls Received and % Resolved (including status, time to resolve metrics, etc.)	MO / As Requested	
AV Designs	Total Number of New Designs (including status)	MO / As Requested	
AV Issues	Total Number of Issues Found/Reported (including status, time to resolve metrics, etc.)	MO / As Requested	
Future Projections	Provide projections on future upgrades/modifications/additions required based on past period of performance and any long-term issues anticipated or ideas for potential improvements	AN / AR	
4.2 – Video Production Services			
Video Acquisition Requests	Total Number of Video Acquisition Requests Processed (Received vs Completed)	MO / As Requested	
Broadcast Event Requests	Total Number of Broadcasting Event Requests Processed (Received vs Completed)	MO / As Requested	
Video Design Requests	Total Number of Requests for New Designs for Upgrade/Replacement/Addition of Video-related System Processed (Received vs Completed)	MO / As Requested	
Video Project Projections	Projects on future upgrades/mods/additions required based on past period of performance and any long-term issues anticipated, or ideas for potential improvements	AN / As Requested	

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)          Continuation Sheet</b>		Data Procurement Document
	1. Number	Issue	08
2. Title: ITS WBS 4.0 Audio Visual/Video Services Contract Metrics		3. DR Number Page Date Rev. IT05 Page 2 of 2	
<b>DATA REQUIREMENT DESCRIPTION - CONTINUATION</b>			
<b>11. Preparation Information:</b>			
<b>4.3 – Video Interactive Teleconferencing System (VITS)</b>			
VITS Events	Number of VITS Events/Events Supported	MO	
<b>4.4 – Physical Security / Enterprise Physical Access Control System Support</b>			
Drawing updates	Submit all system drawings updated during the performance period	AN / As Requested	
<b>4.5 – Cable Television Services</b>			
Cable Television System Availability	Provide availability/uptime metrics of system.	MO	
Digital Cable Television Requests	Total Number of Television Requests Processed (Received vs Completed)	MO / As Requested	
Digital Cable Television Maintenance	Total Monthly Maintenance Completed (Scheduled vs Corrective)	MO / As Requested	
Cable Television Design Requests	Total Number of Requests for New Designs for Upgrade / Replacement / Addition of Cable Television-related Systems Processed (Received vs Completed, % On Time)	AN / As Requested	
Cable Television Projections	Projections on future upgrades / mods / additions required based on past period of performance and any long-term issues anticipated, or ideas for potential improvements	AN / As Requested	
Cable Television Seat Metrics	Provide statistics on number of seats / services	AN / As Requested	


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 <b>National Aeronautics and Space Administration</b> John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
			1. Number Issue 09
2. Title: ITS WBS 5.0 Communication Services Contract Metrics		3. DR Number Page Date Rev. IT06 Page 1 of 2	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO AN		
6. Distribution: COR, RA40	7. Initial Submission: 45 days after contract start		
8. As of Date: Monthly – 15 days after month end Annual – 30 days after year end or as requested			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: Metrics data for technical areas as defined in Block 11.  Reports submitted via email to individuals/groups identified in Block 6 "Distribution."		10. Reference:	
11. Preparation Information:			
5.1 – Communications Planning/External Communications/Frequency Management			
Plans / Agreements	Communication and external communication plans and agreements	As Requested	
Circuit Utilization / Configuration	Circuit utilization and configuration documentation	AN / As Requested	
5.2 – Telecommunication Services			
Operator Calls	Total number operator calls and call abandon rate	MO	
Adds, Moves, Changes	Total number of telephone seat adds, moves, and changes and performance metrics	MO	
Teleconference Statistics	Total number of teleconferences scheduled	MO	
Telecommunication Systems Availability	Availability % of telecommunication systems	MO	
Telephones	Total number of telephone seats	AN / As Requested	
5.3 – Radio Services			
Number of active/inactive radios	Total number of active radios in use, and number of inactive radios in storage	AN / As Requested	
Number of support/trouble tickets	Total number of support/trouble tickets initiated and resolved each month pertaining to radio services	AN / As Requested	

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR) Continuation Sheet</b>		Data Procurement Document
	1. Number	Issue	09
2. Title: ITS WBS 5.0 Communication Services Contract Metrics		3. DR Number Page Date Rev. IT06 Page 2 of 2	
DATA REQUIREMENT DESCRIPTION - CONTINUATION			
11. Preparation Information:			
5.4 – Cable Infrastructure Services			
Cable Outages	Report cable system outages and length of time to repair	MO	
Cable Installation Status	Provide status of cable installation projects and documentation / drawing completion.	MO / As Requested	
Cable Installation Annual Report	Provide annual report of cable installation projects (by FY)	AN	
5.5 – Emergency Notification Systems			
Number and Type of Emergency System Tests and Exercises Conducted	Report the status and results of the Emergency Management systems tests and exercises scheduled for the month. Indicate if any required tests or exercise could not be completed on time, and the reason for the delay.	MO	
Drawing Updates	Submit all system drawings updated during the performance period	AN / As Requested	
Number of Support / Trouble Tickets	Total number of support / trouble tickets initiated and resolved each month pertaining to OENS or LDS	AN / As Requested	

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	10
2. Title: ITS WBS 6.0 Technology Support Services Contract Metrics		3. DR Number Page Date Rev. IT07 Page 1 of 2	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO AN AR		
6. Distribution: COR, EA00, QA00	7. Initial Submission: 45 days after contract start		
8. As of Date: Monthly – 15 days after month end Annual – 30 days after year end or as requested			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: Metrics data for technical areas as defined in Block 11.  Reports submitted via email to individuals/groups identified in Block 6 "Distribution."		10. Reference:	
11. Preparation Information: 6.1 – Product Data and Life-cycle Management			
Unique User Log-ins	Total number of unique user log-ins for each month	MO / As Requested	
New Documents	Total number of new documents created in the system for each month	MO / As Requested	
New CAD Objects	Total number of new CAD Objects created in the system for each month	MO / As Requested	
Engineering Objects	Metrics for each Engineering Object type per context, including new objects and current state of existing objects	MO / As Requested	
PDLM Status	Provide Metrics and PDLM Status on activities completed / started / in work, issues or open actions, and any risk or technical concerns.	MO / As Requested	
PDLM Training	Total Number of Personnel Trained	MO / As Requested	
PDLM Projections	Projections on future system utilization, enhancements recommended, or potential risks based upon past period of performance.	AN / AR	

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**Data Requirement (DR)  
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Data Procurement Document

1. Number Issue  
10

2. Title:  
ITS WBS 6.0 Technology Support Services Contract Metrics


3. DR Number Page Date Rev.  
IT07 Page 2 of 2

DATA REQUIREMENT DESCRIPTION - CONTINUATION

11. Preparation Information:


6.3 – Technology Transfer Support

Support Technology Development Status	Provide a status of the Support Technology Development projects received, completed, and in work (to include risks, anomalies, and resolutions as applicable).	MO / As Requested
Intellectual Property Management Metrics	Provide metrics for number of NTR received/completed, license and partnership agreements processed, SUA's and Software Release requests processed, non-disclosures processed, general status on provisional and non-provisional patent activities, NASA spin-offs, and NASA awards processed during the reporting period.	MO / As Requested
Tech Transfer Metrics	Provide metrics including the new technology transfers processed, reports submitted, and other metrics providing status of database entries managed during the reporting period.	MO / As Requested


 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
			1. Number Issue 11
2. Title: Property Control & Administration Procedures		3. DR Number Page Date Rev. LS01 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 1	5. Frequency of Submission: RT		
6. Distribution: Approval: RA50 Supply & Equipment Office	7. Initial Submission: 60 days after contract start		
8. As of Date: Contract Start			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: The purpose of this DR is to identify the methods of controlling and administering property at SSC. The DR Description establishes the requirements for the preparation of procedures covering the contractor's methods of implementing all elements of an integrated property control and administration program.		10. Reference: NPR 4100.1 NPR 4200.1 NPD 4300.1 NPR 4300.1 NPR 4310.1 NASA FAR Supplement Part 1852.245-71.	
11. Preparation Information: The procedures shall include, as a minimum, the contractor's methods of implementing the intent of applicable documents in the "Reference" section above. Other procedures shall be included as required, to fully define and identify the system of property control. Submitted via the Contract Deliverable System (CDS).			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	12
2. Title: List of Key Management Personnel		3. DR Number Page Date Rev. MA01 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: AR		
6. Distribution: Original: Defense Security Services (DSS) Info: RA03 SSC Security Officer	7. Initial Submission: Contract start		
8. As of Date: Key Management change or as requested by the Center Security Officer			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: The purpose of this DR is to provide the DSS cognizant security officer with current listing of owners, officers, directors, and executive personnel in accordance with the National Industry Security Program Operating Manual (NISPOM), DoD 5220.00-M.  This DR Description establishes the requirement for the submittal of a list of owners, officers, directors, and executive personnel in accordance with DoD NISPOM 5220.22-M.		10. Reference: NISPOM, DoD 5220.22-M	
11. Preparation Information: A list will be submitted when there is any change in officers, directors, partners, regents, trustees, or executive personnel, including as appropriate, the names of the individuals they are replacing. In addition, a statement shall be made indicating: (i) whether the new officers, directors, partners, trustees, or executive personnel are cleared, and if so, to what level, when, their data and place of birth, and citizenship; (ii) whether they have been excluded from access in accordance with the provisions of paragraph 22e; or (iii) whether they have been temporarily excluded from access to pending the granting of their personnel clearance.  The form for the submittal of the List of Key Management Personnel can be obtained by contacting the CSO or CO.  Submitted via the Contract Deliverable System (CDS).			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	13
2. Title: Conflict of Interest Plan		3. DR Number Page Date Rev. MA02 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 2	5. Frequency of Submission: AR		
6. Distribution: CO (Original and 1 copy) CA00 Chief Counsel (1 Copy)	7. Initial Submission: 10 days after contract start		
8. As of Date: Contract Start and as required to reflect any changes to the approved OCI Plan throughout the performance of the contract.			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To anticipate all potential organizational conflicts of interest.		10. Reference: Schedule Article H-6, Limitation of Future Contracting (NFS 1852.209-71)	
11. Preparation Information: This Data Requirement (DR) establishes the requirement for the updating of the Conflict of Interest Plan that identifies any potential conflicts, including conflicts with competing organizations with regard to conflicts arising from providing Information Technology Services support as defined in the Performance Work Statement.  Updates should take into account past, present, and future contracts that would cause the Contractor to have a conflict of interest in carrying out the terms of this contract.  Specifically, updates to the plan shall include: <ul style="list-style-type: none"> <li>- The types of conflicts that might occur, including the contract numbers and names of COs for any contracts that would be included as part of the plan.</li> <li>- A description of how potential conflicts would be identified, reported and avoided or mitigated.</li> <li>- The manner in which the Contractor would protect against the unauthorized use or disclosure of proprietary or other restricted data of other companies received in connection with work under this contract.</li> </ul>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	14
2. Title: Financial Management Report Detail (electronic)		3. DR Number Page Date Rev. MF02 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 2	5. Frequency of Submission: MO		
6. Distribution: Approval: BA22 Info: BA10, DA30	7. Initial Submission: Contract start		
8. As of Date: Per the SSC CFO/Office of Procurement File submission calendar			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To assure that dollar and labor resources support the schedule and to evaluate Contractor cost performance. To provide detailed reporting of cost, workforce by work year equivalents, and hours performed to NASA for integrated reporting.		10. Reference:	
11. Preparation Information: The information is provided electronically to NASA's Stennis Data Center using an electronic file format. The required file fields (e.g., Customer Code, Task Order number, PWS, facility, Center) will be provided to the Contractor as part of Contract transition. The file will be submitted according to the SSC CFO/Office of Procurement file submission calendar provided each fiscal year. A copy of the calendar will be provided to the Contractor via the CO prior to the beginning of each government fiscal year.			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	15
2. Title: Cost of Operations Reports (Summary of all SSC support contracts)		3. DR Number Page Date Rev. MF07 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 2	5. Frequency of Submission: MO		
6. Distribution: Approval: BA20 **See Remarks In Block 11**	7. Initial Submission: Contract start		
8. As of Date: Data cutoff as of end of NASA/SSC fiscal month: submission per the SSC CFO/Office of Procurement file submission calendar			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: The purpose of this DR is to provide SSC Management and resident users with a Summary for Cost of Operations and to provide SSC Management and Onsite Support Contractors with processing of cost data through SSC's many applications and servers.		10. Reference:	
11. Preparation Information: Information will be submitted in accordance with the format identified in the SSC NASA – OAC – Sitewide file and FAS interface requirements.  <b>**Remarks**</b> Distribution Instructions: Hard Copy Distribution; Information Distribution: Onsite Support Contractors, Financial Officer and Financial Management Division Lead.  Submitted via the Contract Deliverable System (CDS).  This DR Description establishes the requirement for providing the following tabular Cost of Operations Summary and Detail Reports generated from the OAC database. 1) Cost of Operations – Detail 2) Cost of Operations Verification Report 3) and other reports as identified / needed to complete this process			

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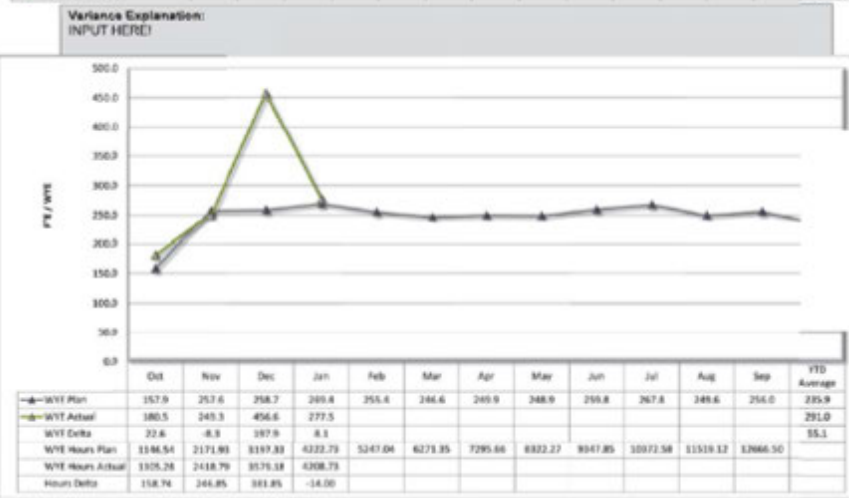
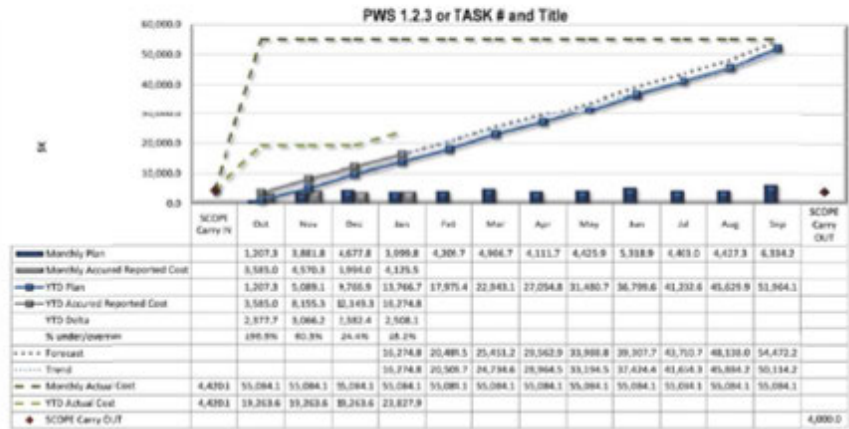
 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	16
2. Title: Monthly Resources Management Status Review		3. DR Number Page Date Rev. MF08 Page 1 of 2	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO		
6. Distribution: Info: DA00, BA10	7. Initial Submission: 5 days after the first completed fiscal month		
8. As of Date: Five (5) days after fiscal month end			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To provide a summary of contract performance and status to the CO/COR and the CFO's Office, Deputy for Resources. To provide insight into financial performance and utilization of resources. To provide detailed reporting of cost by PWS level and Task Order including workforce by work year equivalents for integrated reporting.		10. Reference: NPR 9501.2 latest revision NFS 1852.242-73	
11. Preparation Information: The Status Review shall address, at a minimum, the following information: 1. Financial Resources Review/business management and cost control (as defined below and on page 2) 2. Schedule 3. Short and long range planning 4. Overtime hours vs. hours planned 5. Workforce status 6. Process improvements and innovations 7. Infrastructure condition and maintenance activities 8. Work backlog 9. Task order status 10. Tenant support 11. Items of current interest including any significant initiatives, issues, concerns  The review package will be delivered electronically both in presentation PowerPoint format including supporting Excel data files (unlocked) to the CO and the CFO's Office, Deputy for Resources two (2) days prior to the PowerPoint presentation. This review will be a reoccurring event. These reviews shall include, but are not limited to the following data for Core and each LOE task requirement by center, Customer Code, and PWS level 3 (level 2 when applicable): Government Fiscal Year (GFY) phased financial plan – both monthly and cumulative Work Year Equivalent plan and actual data with associated hours Accrued cost data with delta and percentage under/overrun GFY End-of-Year (EOY) forecast estimate and Data Trending analysis Variance analysis addressing +/- 5% in cost delta, EOY forecast changes, and Corrective Action Plan, as applicable Actual Cost Scope  Carry-In and Scope Carry-Out Contract Year comparison to GFY (Total Contract Level and by PWS level 1) Contract Value Analysis and Trending (Total Contract Level) Baseline adjustment analysis (if/when applicable)  SAMPLE PROVIDED ON PAGE 2			


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DATA REQUIREMENT DESCRIPTION - CONTINUATION


11. Preparation Information: Financial Resources Review Sample




 <b>National Aeronautics and Space Administration</b> John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	17
2. Title: Quality Assurance Management Plan (QAMP)		3. DR Number Page Date Rev. RA01 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 1	5. Frequency of Submission: AN AR		
6. Distribution: Approval: QA00 Distribution: RA40, COR	7. Initial Submission: 15 days after contract start		
8. As of Date: October 15th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To define the Contractor's approach to assuring delivery of quality products, materials and services throughout all phases of the contract performance.		10. Reference: NPD 1280.1 NPD 8730.5 SPR 1280.1 ANSI/ISO/ASQ Q9001	
<p><b>11. Preparation Information:</b>          The Contractor shall prepare and submit a Quality Assurance Management Plan (QAMP) which identifies the methods and processes the Contractor will use to assure delivery of quality products, material, and services throughout all phases of the contract performance.</p> <p>The QAMP shall:</p> <ol style="list-style-type: none"> <li>Describe the Contractor's approach to ensure the quality assurance management system fully addresses all test and manufacturing support activities, operations, and site services provided by the Contractor.</li> <li>Describe the Contractor's approaches and processes to assuring compliance with applicable sections of American National Standards Institute (ANSI) American Society for Quality (ASQ) ANSI/ISO/ASQ Q9001:2008, Quality Management Systems Requirements, and the SSC Management System.</li> <li>Describe the procedure for continually monitoring, identifying, and correcting deficiencies and shall describe the Contractor's method (e.g., 100% inspection, planned sampling, random sampling, customer complaints, incidental inspections) to determine whether performance requirements are met.</li> <li>Describe whether measurements of performance are subjective or objective and shall identify the quality, quantity, and timeliness of the services to be provided.</li> <li>Describe the Contractor's self-evaluation process for assuring the quality of the services and products provided.</li> <li>Describe the Contractor's process for obtaining and utilizing feedback from customers/tenants to continually evaluate the quality of services and products provided.</li> <li>Describe the Contractor's approach and processes to assure that when any work performed by the Contractor on special IT hardware or software applications in support of propulsion test projects or flight hardware processing; the work performed by the Contractor will not compromise the quality of the propulsion test project operations, or flight hardware production. DR RAD3, Software Safety and Assurance Plan (SSAP) also defines the Contractor's approach to Software Safety and Assurance.</li> <li>Describe the quality management functions within the organization including the process through which management decisions will be made.</li> <li>Describe the responsibility, authority and accountability of quality personnel.</li> </ol> <p>APPLICABLE DOCUMENTS: See PWS Section 1.8          FORMAT: Electronic File (report format) compatible with Microsoft Office Suite</p>			

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 <b>National Aeronautics and Space Administration</b> John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	18
2. Title: Quality Assurance Management Plan (QAMP) Quarterly Summary Report		3. DR Number Page Date Rev. RA02 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: QU		
6. Distribution: QA00 RA40 COR	7. Initial Submission: Ten (10) days following the end of the first contract quarter		
8. As of Date: Ten (10) days after end of quarter			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To provide details of quality control, and software assurance activities performed each quarter.		10. Reference: NPD 1280.1 NPD 8730.5 SPR 1280.1 ANSI/ISO/ASQ Q9001	
<p>11. Preparation Information: The Contractor shall prepare and submit a QAMP Quarterly Summary Report which details the quality control activities performed each quarter.</p> <p>The Report shall:</p> <ol style="list-style-type: none"> <li>1. Describe in detail the internal quality inspections, surveillances, audits, etc. performed including trend analysis and data conclusions.</li> <li>2. Detail the internal quality inspections/audits performed versus scheduled.</li> <li>3. Provide summary report of software metrics and analysis.</li> <li>4. Describe in detail the internal corrective actions investigation(s) initiated, status of the investigation(s), implementation of corrective actions, and effectiveness reviews.</li> <li>5. Detail the summary of internal corrective actions (in-work/closed) for the period and the statuses of corrective actions.</li> </ol> <p>APPLICABLE DOCUMENTS: See PWS Section 1.8          FORMAT: Electronic File (report format) compatible with Microsoft Office Suite</p>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	19
2. Title: Software Safety and Assurance Plan (SSAP)		3. DR Number Page Date Rev. RA03 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 1	5. Frequency of Submission: AN AR		
6. Distribution: Approval: QA00 Distribution: RA40, COR	7. Initial Submission: 15 days after contract start		
8. As of Date: October 15th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To define the Contractor's approach to assuring delivery of quality software and services throughout all phases of the contract performance.		10. Reference: SPR 8739.1 NASA-STD-8719.13 NASA-STD-8739.8	
<p>11. Preparation Information:          The Contractor shall submit a Software Safety and Assurance Plan (SSAP) in accordance with SPR 8739.1 that specifies the Contractor's approach to assuring delivery of quality software, and services. This plan shall include the minimum content as required SPR 8739.1.</p> <p>The Contractor shall also define software metrics, which will be delivered as part of the QAMP Quarterly Report in accordance with DR RA02. The Contractor shall also address in the SSAP how they will analyze the collected metrics, and drive improvements and corrective actions.</p> <p>APPLICABLE DOCUMENTS: See PWS Section 1.8          FORMAT: Electronic File (report format) compatible with Microsoft Office Suite</p>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	20
2. Title: Personnel Training and Certification Plan		3. DR Number Page Date Rev. RA04 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 2	5. Frequency of Submission: AN AR		
6. Distribution: QA00 Certification Board Chair LA00 COR	7. Initial Submission: 15 days after contract start		
8. As of Date: October 15th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To provide to the Contractor and the Government a baseline document for the identification and definition of personnel certification criteria and the procedures to be implemented by the Contractor to ensure a certification program is implemented in accordance with NPR 8715.3 and applicable documents.		10. Reference: NPR 8714.3 SPR 8715.1 OSHA 29 CFR Parts 1910 SCWI-8715-0002	
11. Preparation Information: The Personnel Training and Certification Plan shall provide a description of how the Contractor will implement and assure an effective training program in accordance with applicable documents. The plan shall at a minimal include the following:			
<ol style="list-style-type: none"> <li>1. Certification Program (program description, method to select operations or classifications requiring a certification; requirements/skills - education, training, skills, other qualifications, and physical condition (if applicable); certification process - testing process to include written and/or proficiency testing, On-Job-Training (OJT), if applicable; and documentation and training of the certification.)</li> <li>2. Documentation required for certification.</li> <li>3. List specific operations types or classifications requiring certification. This can be determined by the operations and processes identified in the PWS.</li> <li>4. Provide a list of potentially hazardous operations and skills that require a NASA certification.</li> <li>5. Provide training to personnel on how to wear personal protective equipment (PPE), and the procedures for replacing damaged or defective PPE.</li> <li>6. The certifications will be documented and maintained in the NASA-provided automated system.</li> </ol>			
FORMAT: Electronic File (report format) compatible with Microsoft Office Suite			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	21
2. Title: Safety and Health Plan		3. DR Number Page Date Rev. SA01 Page 1 of 3	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 1	5. Frequency of Submission: AN AR		
6. Distribution: Approval: QA00 Distribution: RA40, COR	7. Initial Submission: 15 days after contract start		
8. As of Date: October 15th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To describe a safety and health plan for the protection of personnel, equipment and facilities.		10. Reference: 29 CFR 1910, 1926 SPR 8715.1	
11. Preparation Information: The Contractor shall prepare and submit a Safety and Health Plan that describes the Contractor's methods of planning, implementing and controlling industrial safety and occupational health requirements to assure compliance with the applicable NASA Safety, Health, and Environmental (SHE) program requirements. The Contractor's Safety and Health Plan shall be written specifically for the work to be performed at the Center over the duration of this contracted effort. The plan shall provide a clear description of the contractor's approach for ensuring the work performed by the Contractor is in full compliance with Federal, State, NASA, Center-specific SHE-related requirements, Center Core Program Requirements (CPRs), and the Center Quality Management System while implementing each of the following Center SHE CPRs at the worksite. (NOTE 1: A contractor's corporate SHE plan is not considered as written specifically for the work to be performed under this contracted effort at the Center and will not be considered by the Center as fulfilling this DR requirement.) (NOTE 2: Contractors shall maintain documentation where required for any sub-element of the CPRs and provide to the Government, upon request.) (NOTE 3: The Government reserves the right to periodically inspect Contractor worksite with or without prior notice to the Contractor.) (NOTE 4: The Government assumes no liability or responsibility for the Contractor's compliance or non-compliance with any Federal, State, NASA or Center specific requirements or regulations.) (NOTE 5: Fines and additional costs for violations levied against the Contractor as a result of OSHA findings, and/or installation safety, health or environmental are the sole responsibility of the Contractor and cannot be passed through to the Government.) (NOTE 6: The Contractor is responsible for the safety and health of all subcontractor employees directly supporting the Contractor over the duration of this contracted effort.)			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)          Continuation Sheet</b>		Data Procurement Document
	1. Number	Issue	21
2. Title: Safety and Health Plan		3. DR Number Page Date Rev. SA01 Page 2 of 3	
<b>DATA REQUIREMENT DESCRIPTION - CONTINUATION</b>			
<p>11. Preparation Information:</p> <p>1. CPR 1 - Management Leadership and Employee Involvement:</p> <ul style="list-style-type: none"> <li>a. Provide a visible management commitment, policy and culture that value the safety and health of employees.</li> <li>b. Provide safe and healthful working conditions that are free from recognized hazardous conditions and free from incidents and injuries.</li> <li>c. Protect Center property and the environment over the duration of this contracted effort.</li> <li>d. Encourage employees to participate, be involved and engaged in their SHE Program.</li> <li>e. Hold managers and employees accountable and to understand their roles and responsibilities in their SHE Program.</li> <li>f. Evaluate the safety performance of subcontractors/teammates prior to their selection, when applicable.</li> <li>g. Flow down requirements and responsibilities contained in this contract to subcontractors/teammates over the duration of this contracted effort, when applicable.</li> <li>h. Provide SHE meetings and awareness training to their employees monthly and document.</li> <li>i. Perform self-evaluations of their SHE Program to determine its effectiveness. This includes obtaining feedback from employees for their perspective of the SHE Program.</li> <li>j. Maintain the SHE plan current with contract, NASA and Center requirements, review and update as necessary.</li> <li>k. Provide the identification, by title, of the individual assigned by the Contractor to be responsible to implement their SHE program elements at the Center and is designated to serve as the day-to-day SHE Point of Contact (POC) for this contracted effort.</li> </ul> <p>2. CPR 2 - Worksite Analysis:</p> <ul style="list-style-type: none"> <li>a. Evaluate work areas and operations to identify hazardous conditions. Implement appropriate control measures to eliminate, reduce or control hazardous conditions to an acceptable safe working level. Reevaluate the work area or operation when significant changes are made to verify that existing control measures are still effective in controlling the hazardous conditions. Document this evaluation. (NOTE: This also includes evaluating health conditions to identify and prevent an occupational disease.)</li> <li>b. Perform monthly worksite safety inspections and safety visits, and document these inspections.</li> <li>c. Encourage employees to report any conditions that they feel are hazardous or unsafe without the fear of reprisal from management.</li> <li>d. Report all mishaps and close calls that occur in support of this contracted effort and investigate to the extent necessary to determine the proximate or root cause(s), develop and implement corrective actions, and track to closure. (NOTE: See DR SA02, Contractor Safety and Environmental Health Program Annual Self-Evaluation Report)</li> <li>e. Perform post-mishap drug and alcohol testing when the initial mishap investigation provides reason to believe an employee's actions or failure to perform a required action is reasonably suspected of having caused or contributed to causing the mishap. (See NPR 3792.1, NPR 8621.1)</li> </ul> <p>3. CPR 3 - Hazard Prevention and Control:</p> <ul style="list-style-type: none"> <li>a. Provide a management level review for operations and tests identified as hazardous or safety critical prior to their startup.</li> <li>b. Perform work activities in full compliance with EPA, OSHA, NASA, and the Center's SHE-related documented programs listed in the PWS that contain Center specific requirements and are identified or referenced as applicable to this contracted effort. (NOTE 1: Compliance with all Federal, state and local laws, the Occupational, Safety and Health Act (Public Law 91-596) and the resulting standards, OSHA Standards 29 CFR Parts 1910 and 1926 for the protection of Contractor employees is exclusively the obligation of the Contractor.)</li> <li>c. Implement an emergency management program at the worksite for all types of emergencies that can occur during this contracted effort (e.g., fire, chemical spill, accidents and natural disasters). (NOTE: In the event of an emergency call 911 and inform the operator you are located at the Center and provide a location, such as a building number or street name.)</li> <li>d. Provide safety, health and environmental services at the worksite that is applicable to this contracted effort.</li> <li>e. Provide fall protection to employees when they are required to perform work on elevated surfaces with unprotected sides or edges and the potential exists for them to fall to the next lower level, when applicable.</li> <li>f. Provide a process for identifying, analyzing, planning, tracking, controlling, communicating and documenting risks and elevating Center risks for NASA management review.</li> </ul>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)          Continuation Sheet</b>		Data Procurement Document
	1. Number	Issue	21
2. Title: Safety and Health Plan		3. DR Number Page Date Rev. SA01 Page 3 of 3	
<b>DATA REQUIREMENT DESCRIPTION - CONTINUATION</b>			
<p>11. Preparation Information:</p> <p>4. CPR 4 - Safety, Health and Environmental Training:</p> <ol style="list-style-type: none"> <li>a. Provide training to employees so that they are informed, knowledgeable and are able to identify and recognize hazardous conditions in the workplace and the signs and symptoms of workplace-related illnesses, understand the safe work practices and procedures to be used in the workplace, and are empowered and authorized to "stop or halt" any activity when they have reason to suspect the activity is being performed in an unsafe or unhealthy manner, and document this training was provided.</li> <li>b. Communicate to employees the contractor's disciplinary policy/program, so that each employee fully understands the actions that can be taken when an employee is discovered not following safety, health and environmental policies, procedures and rules, and disciplinary actions are warranted, and how the contractor's disciplinary policy/program is flowed-down to subcontractors/teammates over the duration of this contracted effort, when applicable, and document this training was provided.</li> <li>c. Evaluate operations/jobs to identify the specific training required by OSHA and Center, and provide the specific training to the employees prior to them performing the operation/job, and document this evaluation.</li> <li>d. Provide Center SHE Certification(s) to employees when required by the Center to operate specific equipment, machinery/system, or to perform a safety critical or hazardous operation in support of this contracted effort, when applicable.</li> <li>e. Provide the Center's "mandatory or required" SHE-related training to each employee and supervisor, as applicable, and document this training was provided.</li> <li>f. Provide contractor developed training when used in lieu of Center training for a Center SHE Certification(s) to the Contracting Officer for approval prior to its use.</li> </ol> <p>5. CPR 5 - Environmental Management System: A description of how the contractor ensures compliance with environmental federal, state and local laws and regulations.</p> <p>APPLICABLE DOCUMENTS: See PWS Section 1.7</p> <p>FORMAT: The contractor's Safety and Health Plan is to be written in a format that follows the order of the Center's SHE CPRs as they are shown above or the contractor is to provide a Matrix that clearly links where each Center SHE CPR sub-element is adequately addressed in the contractor's Safety and Health Plan. The contractor's Safety and Health Plan that is submitted in accordance with this DR shall be written specifically for the work being performed by the contractor in support of this contracted effort. The plan shall be an Electronic File (report format) compatible with Microsoft Office Suite.</p>			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	22
2. Title: Contractor Safety and Environmental Health Program Annual Self-Evaluation Report		3. DR Number Page Date Rev. SA02 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: AN		
6. Distribution: QA00 RA02, RA40, COR	7. Initial Submission: Draft 90 days after contract start Final 120 days after contract start		
8. As of Date: Draft by December 15th Final by January 10th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To provide the Government with a copy of the self-evaluation of the Contractor's Safety and Environmental Health Program.		10. Reference: NPR 8715.3	
11. Preparation Information: The Contractor shall prepare and submit an annual self-evaluation report for each Center.  The draft self-evaluation shall be submitted during the year of the evaluation period. The final self-evaluation shall be submitted the following year of the evaluation period. For example, if the period is January - December 2015, the draft is due December 15, 2015 and the final is due January 10, 2016.  The report shall be prepared using the template provided by OSHA Voluntary Protection Program (VPP) and contain all elements and requirements of the OSHA VPP reporting as found on the osha.gov website each year. The draft self-assessment shall contain all elements of OSHA VPP requirements except for the total number of hours worked, total number of employees, TCIR, and DART rates. The final self-assessment shall contain all information.  APPLICABLE DOCUMENTS: See PWS Section 1.7 FORMAT: Electronic File (report format) compatible with Microsoft Office Suite			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	23
2. Title: Mishap and Safety Statistics Monthly Report		3. DR Number Page Date Rev. SA03 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 3	5. Frequency of Submission: MO		
6. Distribution: QA00	7. Initial Submission: Ten (10) days after contract start		
8. As of Date: 10th			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To provide contractor monthly safety statistics for contractors physically located at SSC.		10. Reference: NPR 8621.1 SPLN-8621-0003 SPR 8715.1 SSP-8715-0001 SCWI-8710-0003	
11. Preparation Information: The Contractor shall submit monthly safety statistics. Mishap and Safety Statistics Reports shall include contract number, subcontractors, NAICS codes and the following for the reporting period: <ul style="list-style-type: none"> <li>a. number of employees</li> <li>b. number of supervisors</li> <li>c. hours worked</li> <li>d. number of injuries, including days away from work and/or first-aid cases</li> <li>e. number of incidents involving equipment or property damage</li> <li>f. number of supervisors and employees up-to-date with required Safety, Health and Environmental (SHE) Training. (SHE training is only applicable to onsite contracts.)</li> </ul> APPLICABLE DOCUMENTS: See PWS Section 1.7 FORMAT: Electronic File (report format) compatible with Microsoft Office Suite			

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 National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000	<b>Data Requirement (DR)</b>		Data Procurement Document
	1. Number	Issue	24
2. Title: Mishap and Close Call Notification		3. DR Number Page Date Rev. SA04 Page 1 of 1	
<b>SUBMITTAL REQUIREMENTS</b>			
4. Type: 1	5. Frequency of Submission: AR		
6. Distribution: QA00	7. Initial Submission: Not Applicable (See Block 8)		
8. As of Date: Within 24 hours of each mishap/close call			
<b>DATA REQUIREMENT DESCRIPTION (DRD)</b>			
9. Use: To provide initial and follow-up reporting of mishaps, close calls, serious non-occupational injuries and illnesses, for contractors physically located at SSC.		10. Reference: NPR 8621.1 SPLN-8621-0003 SPR 8715.1 SSP-8715-0001 SCWI-8710-0003	
11. Preparation Information:  The Contractor shall, within 24 hours, record all mishaps and closes calls in the NASA Mishap Information System (NMIS).  For Type A mishaps, Type B mishaps or high visibility mishaps or close calls, the Contractor shall notify NASA SMA within one (1) hour of the event.  The Contractor may use SSC Form 1627 for ease of collecting data; however, the official entry is NMIS. Initial and <del>followup</del> mishap reports shall contain all information required by NPR 8621.1, SPLN-8621-0003, and SCWI-8710-0003.  APPLICABLE DOCUMENTS: See PWS Section 1.7 FORMAT: All information shall be submitted electronically in NMIS.			

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

**ATTACHMENT J-3**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**RESERVED**

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

**ATTACHMENT J-4**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**CONTRACT SECURITY CLASSIFICATION SPECIFICATION  
DD FORM 254**



**DEPARTMENT OF DEFENSE  
CONTRACT SECURITY CLASSIFICATION SPECIFICATION**

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

**1. CLEARANCE AND SAFEGUARDING**

a. FACILITY CLEARANCE REQUIRED

Secret

b. LEVEL OF SAFEGUARDING REQUIRED

None

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

a. PRIME CONTRACT NUMBER \_\_\_\_\_

b. SUBCONTRACT NUMBER \_\_\_\_\_

c. SOLICITATION OR OTHER NUMBER  
NNS15530376R

DUE DATE (YYYYMMDD) \_\_\_\_\_

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

a. ORIGINAL *(Complete date in all cases)* DATE (YYYYMMDD) \_\_\_\_\_

b. REVISED *(Supersedes all previous specs)* REVISION NO. \_\_\_\_\_ DATE (YYYYMMDD) \_\_\_\_\_

c. FINAL *(Complete Item 5 in all cases)* DATE (YYYYMMDD) \_\_\_\_\_

**4. IS THIS A FOLLOW-ON CONTRACT?**  YES  NO. If Yes, complete the following:  
Classified material received or generated under \_\_\_\_\_ *(Preceding Contract Number)* is transferred to this follow-on contract.

**5. IS THIS A FINAL DD FORM 254?**  YES  NO. If Yes, complete the following:  
In response to the contractor's request dated \_\_\_\_\_, retention of the classified material is authorized for the period of \_\_\_\_\_

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

a. NAME, ADDRESS, AND ZIP CODE  
SaiTech, Inc.  
10411 Motor City Drive Suite 670  
Bethesda, MD 20817



**7. SUBCONTRACTOR**

a. NAME, ADDRESS, AND ZIP CODE \_\_\_\_\_

b. CAGE CODE \_\_\_\_\_

c. COGNIZANT SECURITY OFFICE *(Name, Address, and Zip Code)* \_\_\_\_\_

**8. ACTUAL PERFORMANCE**

a. LOCATION  
NASA  
John C. Stennis Space Center  
Stennis Space Center, MS 39529

b. CAGE CODE \_\_\_\_\_

c. COGNIZANT SECURITY OFFICE *(Name, Address, and Zip Code)* \_\_\_\_\_

**9. GENERAL IDENTIFICATION OF THIS PROCUREMENT**

Provide Information Technology Services (ITS) to the John C. Stennis Space Center and Resident Agencies.

10. CONTRACTOR WILL REQUIRE ACCESS TO:	YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. RESTRICTED DATA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. RECEIVE CLASSIFIED DOCUMENTS ONLY	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. FORMERLY RESTRICTED DATA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. INTELLIGENCE INFORMATION	<input type="checkbox"/>	<input type="checkbox"/>	e. PERFORM SERVICES ONLY	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(1) Sensitive Compartmented Information (SCI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(2) Non-SCI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. SPECIAL ACCESS INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	h. REQUIRE A COMSEC ACCOUNT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. NATO INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	i. HAVE TEMPEST REQUIREMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	l. OTHER <i>(Specify)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
k. OTHER <i>(Specify)</i>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

**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 releases shall be submitted for approval prior to release  Direct  Through (Specify)

Paul Foreman  
Public Affairs Officer  
Stennis Space Center

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)\* 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 classified 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 the 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 documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

Contractor will not routinely be required to store, handle or safeguard classified material and/or information in the performance of this contract. Contractor shall supply properly cleared individual(s) up to the level of Secret to handle CLASSIFIED material/information should the need arise.

Contractor shall routinely be required to access information that is considered Sensitive But Unclassified (SBU), also know as For Official Use Only (FOUO). Contractor shall be knowledgeable of NISPOM guidance and pertinent NASA regulations on the handling, storage and safeguarding of information that contains either of the above or similar designations. In addition, Contractor shall provide routine training to employees and subcontractors to ensure compliance.


Contractor shall maintain proper Operation Security (OPSEC) as a matter of routine. Contractor shall understand that operations regardless of how insignificant they may sound, are not always suitable for disclosure to outside entities and/or individuals, especially when such entities/individuals express an unusual high interest in such operations. Contractor shall provide routine OPSEC training to employees and subcontractors.

Contractor shall maintain a Communication Security (COMSEC) account on behalf of the government. Contractor shall apply guidance found in the NISPOM in the maintenance of the COMSEC account.

**14. ADDITIONAL SECURITY REQUIREMENTS.** Requirements, in addition to ISM requirements, are established for this contract.  Yes  No  
(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.)

**15. INSPECTIONS.** Elements of this contract are outside the inspection responsibility of the cognizant security office.  Yes  No  
(If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)

**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 Bonnie L. Humphrey	b. TITLE Physical Security Officer (Acting)	c. TELEPHONE (Include Area Code) 228 688 2541
d. ADDRESS (Include Zip Code) Mail Code RA03 Stennis Space Center, MS 39529	<b>17. REQUIRED DISTRIBUTION</b> <input checked="" type="checkbox"/> a. CONTRACTOR <input type="checkbox"/> b. SUBCONTRACTOR <input type="checkbox"/> c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR <input type="checkbox"/> d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION <input checked="" type="checkbox"/> e. ADMINISTRATIVE CONTRACTING OFFICER <input checked="" type="checkbox"/> f. OTHERS AS NECESSARY	
e. SIGNATURE 		

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

**ATTACHMENT J-5**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**SAFETY AND HEALTH PLAN**

**(TO BE PROVIDED BY OFFEROR)**



# SSC ITS Contract Safety and Health Plan

Revision: Draft

Date: March 18, 2015



## REVISION HISTORY TABLE

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REVISION	APPROVAL DATE	NATURE OF CHANGES	APPROVED BY
0 (draft)	3/18/2015	Initial draft plan	(b) (4)

## TABLE OF CONTENTS

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**TABLE OF EXHIBITS**

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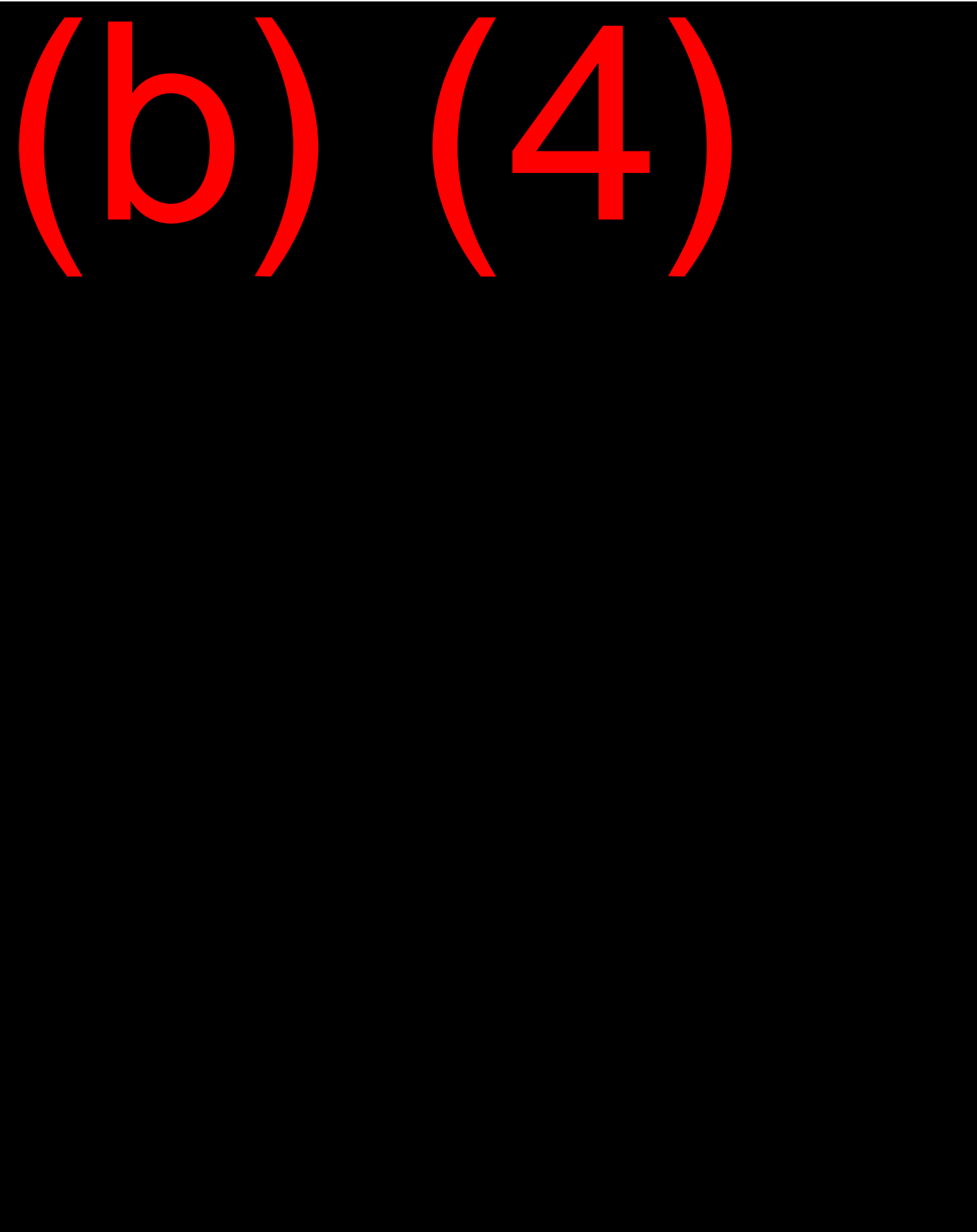
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RISK ASSESSMENT				MITIGATION PLAN			
#	RISK DESCRIPTION	% P	IMPACT AREA SEVERITY	ACTION TIMING	MITIGATION PLAN DETAILS	REVISED IMPACT AREA SEVERITY	REMARKS

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

**ATTACHMENT J-6**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**U.S. GOVERNMENT COMPARABLE RATES &  
PROFESSIONAL LEVEL EMPLOYEE CLASSIFICATIONS**

## U.S. GOVERNMENT COMPARABLE RATES

### STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 2014)

In compliance with the Service Contract Labor Standards statute 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

(a) EMPLOYEE CLASS AND GRADE

<b>Department of Labor (DOL) Labor Classification</b>	<b>Grade</b>
Accountant Clerk II	GS-04
Administrative Assistant I	GS-03
Administrative Assistant II	GS-04
Administrative Assistant Senior	GS-05
Application Administrator	GS-04
Configuration Control Specialist II	GS-05
Data Center Operator	GS-06
Document Control Specialist I	GS-07
Document Control Specialist II	GS-08
Help Desk Operator I	GS-04
Help Desk Operator II	GS-05
Help Desk Operator III	GS-06
Media Specialist II	GS-05
Media Specialist III	GS-06
Order Clerk I	GS-02
Order Clerk II	GS-04
Technical Writer I	GS-07
Telecommunications Mechanic I	GS-09
Telecommunications Mechanic II	GS-11
Telecommunications Operator	GS-02
Video Teleconference Technician	GS-04

(End of clause)

## PROFESSIONAL LEVEL EMPLOYEE CLASSIFICATIONS

For professional level employees see Government employee classifications in accordance with The Department of Labor:

(a) Websites:

- (1) <http://www.dol.gov/whd/regs/compliance/wage/SCADirV5/SCADirectVers5.pdf>
- (2) [www.onetonline.org](http://www.onetonline.org)

(b) The professional classifications are as follows:

- (1) General Schedule 0000 Miscellaneous Occupations Group  
0018 – Safety and Occupational Health Management Series
- (2) General Schedule 0200 Human Resources Management Group  
0201 – Human Resources Management
- (3) General Schedule 0300 General Administrative, Clerical, and Office Services Group  
0332 – Computer Operations Series  
0343 – Management and Program Analysis Series  
0391 – Telecommunications Series
- (4) General Schedule 0800 Engineering and Architecture Group  
0854 – Computer Engineering
- (5) General Schedule 1000 Information and Arts Group  
1071 – Audiovisual Production Series  
1083 – Technical Writing and Editing Series
- (6) General Schedule 1500 Mathematics and Statistics Group  
1550 – Computer Science Series
- (7) General Schedule 1600 Equipment, Facilities and Services Group

1640 – Facility Operations Services

(8) General Schedule 1900 Quality Assurance, Inspection and Grading Group

1910 – Quality Assurance Series

(9) General Schedule 2200 Information Technology Group

2210 – Information Technology Management



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

**ATTACHMENT J-7**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**LIST OF GOVERNMENT FURNISHED PROPERTY**

**RFP NNS15530376R AMENDMENT 003****PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS****ATTACHMENT J-7****INFORMATION TECHNOLOGY SERVICES****LIST OF GOVERNMENT FURNISHED PROPERTY****LIST 1, No Class Exceptions, Controlled****Government Provided Equipment as of June 2015**

List is Subject to Change

GENERAL AND SPECIAL PURPOSE EQUIPMENT NO CLASS EXCEPTIONS - GOVT WILL REPAIR AND REPLACE AS NECESSARY

ECN	FSC Code	Equipment Description	Acquisition Date	Location	Acquisition Value	
<b>Federal Supply Classification 2330 - Ground Effect Vehicles, Motor Vehicles</b>						
2252079	2330	Trailers	TRAILER, ENCLOSED	06/17/2009	SS-1200	\$ 41,224.00
<b>Federal Supply Classification 3611/3615/3655 - Printing, Duplicating and Bookbinding Equipment</b>						
2607647	3611	Industrial Marking M	PRINTER, LABEL	08/21/2013	SS-1201	\$ 697.00
2607648	3611	Industrial Marking M	PRINTER, LABEL	08/21/2013	SS-1201	\$ 697.00
819030	3615	Pulp and Paper Indus	SHREDDER, PRINTOUT	11/13/1991	SS-1100	\$ 1,410.00
133470	3655	Gas Generating and D	TANK, CRYOGENIC	09/16/1987	SS-1105	\$ 510.00
<b>Federal Supply Classification 3930 - Warehouse Trucks and tractors</b>						
2252332	3930	Warehouse Trucks and	PLATFORM, AERIAL WORK	10/15/2009	SS-3204	\$ 9,997.00
<b>Federal Supply Classification 4110 - Refrigeration Equipment</b>						
1941143	4110	Refrigeration Equipm	ICE MAKING MACHINE	08/24/2000	SS-1110	\$ 1,460.00
<b>Federal Supply Classification 5410 - Prefabricated and Portable Buildings</b>						
1941574	5410	Prefabricated and Po	BUILDING, PORTABLE	04/27/2001	SS-1105	\$ 2,975.00
1172722	5410	Prefabricated and Po	BUILDING, PORTABLE	08/18/1989	SS-1201	\$ 15,000.00
<b>Federal Supply Classification 5820 - Radio and Television Communication Equipment</b>						
2252053	5810	Communications Secur	RECEIVER, COMMUNICATIONS	11/17/2008	SS-8000	\$ 11,892.00
33873	5815	Teletype and Facsimi	FACSIMILE MACHINE	02/27/2003	SS-1110	\$ 1,850.00
1941531	5815	Teletype and Facsimi	FACSIMILE MACHINE	02/27/2003	SS-1110	\$ 1,850.00
1440283	5815	Teletype and Facsimi	FACSIMILE MACHINE	02/27/2003	SS-2201	\$ 2,500.00
1534116	5815	Teletype and Facsimi	FACSIMILE MACHINE	02/27/2003	SS-1110	\$ 2,500.00
1534141	5815	Teletype and Facsimi	FACSIMILE MACHINE	02/27/2003	SS-1110	\$ 2,500.00
34286	5820	Radio and Television	RADIO, MOBILE	08/14/1995	SS-1201	\$ 522.00
34287	5820	Radio and Television	RADIO, MOBILE	08/14/1995	SS-1201	\$ 522.00
1173171	5820	Radio and Television	TRANSCEIVER, DUAL BAND FM	09/20/1991	SS-1201	\$ 659.00
2157825	5820	Radio and Television	RECEIVER, SATELLITE	08/09/2005	SS-1201	\$ 690.00
34053	5820	Radio and Television	RADIO, MOBILE	06/24/1994	SS-1201	\$ 694.00
1670659	5820	Radio and Television	TRANSCEIVER, MOBILE	07/25/2006	SS-8000	\$ 983.00
1670661	5820	Radio and Television	TRANSCEIVER, MOBILE	07/25/2006	SS-8000	\$ 983.00
2252676	5820	Radio and Television	LOADER, KEY VARIABLE	08/18/2010	SS-1201	\$ 1,202.00
2344599	5820	Radio and Television	RECEIVER, SATELLITE	06/19/2014	SS-1201	\$ 1,525.00
2158283	5820	Radio and Television	TRANSCEIVER, VHF	07/25/2006	SS-8000	\$ 1,722.00
2158284	5820	Radio and Television	TRANSCEIVER, VHF	07/25/2006	SS-1201	\$ 1,722.00
2158285	5820	Radio and Television	TRANSCEIVER, VHF	07/25/2006	SS-8000	\$ 1,722.00
2251942	5820	Radio and Television	MONITOR, TELEVISION	10/19/2009	SS-8000	\$ 1,777.00
1671369	5820	Radio and Television	RECEIVER, SATELLITE	02/03/2010	SS-1201	\$ 1,825.00
42109	5820	Radio and Television	RADIO, PORTABLE	08/22/1997	SS-1201	\$ 2,034.00
42110	5820	Radio and Television	RADIO, PORTABLE	08/22/1997	SS-1201	\$ 2,034.00
42111	5820	Radio and Television	RADIO, PORTABLE	08/22/1997	SS-1201	\$ 2,034.00
42112	5820	Radio and Television	RADIO, PORTABLE	08/22/1997	SS-1201	\$ 2,034.00
34494	5820	Radio and Television	RADIO, PORTABLE	02/13/1997	SS-1201	\$ 2,164.00
34495	5820	Radio and Television	RADIO, PORTABLE	02/13/1997	SS-1201	\$ 2,164.00
2253635	5820	Radio and Television	RECEIVER, SATELLITE	07/10/2012	SS-1201	\$ 2,175.00
36456	5820	Radio and Television	TRANSCEIVER, HF	03/24/1993	SS-1201	\$ 2,246.00
1323189	5820	Radio and Television	RECEIVER, OPTICAL	08/19/1993	SS-1201	\$ 2,254.00
36464	5820	Radio and Television	TRANSCEIVER, HF	04/01/1993	SS-1201	\$ 2,268.00
2251913	5820	Radio and Television	MONITOR, TELEVISION	03/18/2009	SS-8000	\$ 2,342.00
1622352	5820	Radio and Television	RADIO, PORTABLE	07/02/1998	SS-1201	\$ 2,367.00
1622353	5820	Radio and Television	RADIO, PORTABLE	07/02/1998	SS-1201	\$ 2,367.00
1622354	5820	Radio and Television	RADIO, PORTABLE	07/02/1998	SS-1201	\$ 2,367.00
1622355	5820	Radio and Television	RADIO, PORTABLE	07/02/1998	SS-1201	\$ 2,367.00
1622356	5820	Radio and Television	RADIO, PORTABLE	07/02/1998	SS-1201	\$ 2,367.00
1622357	5820	Radio and Television	RADIO, PORTABLE	07/02/1998	SS-1201	\$ 2,367.00
1322883	5820	Radio and Television	TRANSCEIVER	07/19/1993	SS-1201	\$ 2,511.00
34051	5820	Radio and Television	TRANSCEIVER	06/21/1994	SS-1201	\$ 2,525.00
2102016	5820	Radio and Television	RADIO, PORTABLE	07/24/2002	SS-1110	\$ 2,558.41
2102024	5820	Radio and Television	RADIO, PORTABLE	07/24/2002	SS-1201	\$ 2,558.41
2102028	5820	Radio and Television	RADIO, PORTABLE	07/24/2002	SS-1201	\$ 2,558.41
2102030	5820	Radio and Television	RADIO, PORTABLE	07/24/2002	SS-1201	\$ 2,558.41

2102033	5820	Radio and Television	RADIO, PORTABLE	07/24/2002	SS-1201	\$ 2,558.41
2102037	5820	Radio and Television	RADIO, PORTABLE	07/24/2002	SS-1201	\$ 2,558.41
1622368	5820	Radio and Television	RADIO, PORTABLE	06/30/1998	SS-1110	\$ 2,638.00
1622372	5820	Radio and Television	RADIO, PORTABLE	06/30/1998	SS-9121	\$ 2,638.00
1622373	5820	Radio and Television	RADIO, PORTABLE	06/30/1998	SS-9121	\$ 2,638.00
1622374	5820	Radio and Television	RADIO, PORTABLE	06/30/1998	SS-9121	\$ 2,638.00
1623430	5820	Radio and Television	RADIO, PORTABLE	06/30/1998	SS-9121	\$ 3,226.00
1622615	5820	Radio and Television	RADIO, PORTABLE	06/30/1998	SS-9121	\$ 2,638.00
36053	5820	Radio and Television	TRANSCEIVER, HF	07/14/1992	SS-1201	\$ 2,667.00
1623717	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
1623756	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
1623762	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1001	\$ 2,720.00
1623764	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-3204	\$ 2,720.00
1623767	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1000	\$ 2,720.00
1623791	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
1623817	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
1623826	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
1623827	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
1623831	5820	Radio and Television	RADIO, PORTABLE	06/03/2004	SS-1201	\$ 2,720.00
2158389	5820	Radio and Television	RADIO, MOBILE	09/12/2006	SS-1201	\$ 2,733.00
2158390	5820	Radio and Television	RADIO, MOBILE	09/12/2006	SS-1201	\$ 2,733.00
2158391	5820	Radio and Television	RADIO, MOBILE	09/12/2006	SS-1201	\$ 2,733.00
2607616	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607617	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607618	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607619	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607620	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607621	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607622	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
2607623	5820	Radio and Television	RADIO, PORTABLE	07/18/2013	SS-1201	\$ 3,032.00
1670706	5820	Radio and Television	RADIO, PORTABLE	09/20/2006	SS-1201	\$ 3,119.00
2545027	5820	Radio and Television	RADIO, PORTABLE	01/11/2008	SS-1201	\$ 3,119.00
1670741	5820	Radio and Television	RADIO, MOBILE	10/19/2006	SS-1201	\$ 3,163.00
1670742	5820	Radio and Television	RADIO, MOBILE	10/19/2006	SS-1201	\$ 3,163.00
1670744	5820	Radio and Television	RADIO, MOBILE	01/19/2006	SS-1201	\$ 3,163.00
1670748	5820	Radio and Television	RADIO, MOBILE	10/19/2006	SS-1201	\$ 3,163.00
1670749	5820	Radio and Television	Radio and Television	10/19/2006	SS-1201	\$ 3,163.00
1670750	5820	Radio and Television	RADIO, MOBILE	10/19/2006	SS-1201	\$ 3,163.00
1623327	5820	Radio and Television	RADIO, PORTABLE	08/06/2003	SS-1201	\$ 3,226.00
1623375	5820	Radio and Television	RADIO, PORTABLE	08/06/2003	SS-1201	\$ 3,226.00
2158364	5820	Radio and Television	RADIO, MOBILE	09/20/2006	SS-1201	\$ 3,231.00
2158365	5820	Radio and Television	RADIO, MOBILE	09/20/2006	SS-1201	\$ 3,231.00
2158366	5820	Radio and Television	RADIO, MOBILE	09/20/2006	SS-1201	\$ 3,231.00
1323712	5820	Radio and Television	RADIO CONSOLE	01/18/1994	SS-1201	\$ 3,350.00
2544699	5820	Radio and Television	RADIO, PORTABLE	09/29/2010	SS-1201	\$ 3,421.00
2544700	5820	Radio and Television	RADIO, PORTABLE	09/29/2010	SS-1201	\$ 3,421.00
1323711	5820	Radio and Television	RADIO CONSOLE	01/18/1994	SS-1201	\$ 3,816.00
1911097	5820	Radio and Television	TRANSCEIVER, HF	09/27/1997	SS-1201	\$ 4,193.00
2158458	5820	Radio and Television	BASE STATION, CONSOLETTTE	09/12/2006	SS-8000	\$ 5,347.00
2158459	5820	Radio and Television	BASE STATION, CONSOLETTTE	09/12/2006	SS-1201	\$ 5,347.00
2158460	5820	Radio and Television	BASE STATION, CONSOLETTTE	09/12/2006	SS-1201	\$ 5,347.00
2158461	5820	Radio and Television	BASE STATION, CONSOLETTTE	09/12/2006	SS-1201	\$ 5,347.00
	2545196	Radio and Television	TRANSCODER, RECEIVER	07/10/2012	SS-1201	\$ 5,195.00
2545211	5820	Radio and Television	RADIO, PORTABLE	08/14/2012	SS-1201	\$ 1,984.00
2545212	5820	Radio and Television	RADIO, PORTABLE	08/14/2012	SS-1201	\$ 1,984.00
2545213	5820	Radio and Television	RADIO, PORTABLE	08/14/2012	SS-1201	\$ 1,984.00
2344275	5820	Radio and Television	RECEIVER, SATELLITE TRANSCODER	07/29/2013	SS-1201	\$ 6,255.00
2252155	5820	Radio and Television	BASE UNIT, RADIO	08/04/2009	SS-8000	\$ 6,433.00
2252156	5820	Radio and Television	BASE UNIT, RADIO	08/04/2009	SS-1201	\$ 6,433.00
2252157	5820	Radio and Television	BASE UNIT, RADIO	08/04/2009	SS-8000	\$ 6,433.00
2252158	5820	Radio and Television	BASE UNIT, RADIO	08/04/2009	SS-8000	\$ 6,433.00
2253636	5820	Radio and Television	RECEIVER, SATELLITE	07/10/2012	SS-1201	\$ 8,895.00
2557895	5820	Radio and Television	TRANSCODER	09/29/2011	SS-1201	\$ 8,983.00
2571517	5820	Radio and Television	DECODER, VIDEO	06/02/2010	SS-1201	\$ 9,210.00
131730	5820	Radio and Television	BANK CENTRAL ELECTRONICS	04/29/1987	SS-1201	\$ 9,985.00
2252608	5820	Radio and Television	REPEATER, TRUNKED RADIO	08/03/2010	SS-1201	\$ 11,308.00
34325	5820	Radio and Television	TRANSCEIVER, HF	09/28/1995	SS-1201	\$ 11,667.00
1323188	5820	Radio and Television	TRANSMITTER, OPTICAL	08/19/1993	SS-1201	\$ 26,158.00
33986	5820	Radio and Television	RECEIVER, DIGITAL	09/30/1996	SS-1201	\$ 37,326.00
2158444	5820	Radio and Television	TRUNKED RADIO SYSTEM	09/20/2006	SS-1201	\$ 486,901.00
1941652	5825	Radio Navigation Equ	POSITIONING SYSTEM,GLOBAL	06/29/2001	SS-8202	\$ 37,750.00
1941653	5825	Radio Navigation Equ	POSITIONING SYSTEM,GLOBAL	06/29/2001	SS-8202	\$ 37,750.00
1012373	5830	Intercommunication a	PUBLIC ADDRESS SYSTEM	04/18/1991	SS-1105	\$ 529.00
2251495	5830	Intercommunication a	CONSOLE, MIXER	06/30/2008	SS-1200	\$ 643.00
2607573	5830	Intercommunication a	TELECONFERENCING UNIT	04/16/2013	SS-1110	\$ 702.00



2607574	5830	Intercommunication a	TELECONFERENCING UNIT	04/16/2013	SS-1110	\$ 702.00
2607575	5830	Intercommunication a	TELECONFERENCING UNIT	04/16/2013	SS-1110	\$ 702.00
2607576	5830	Intercommunication a	TELECONFERENCING UNIT	04/16/2013	SS-1110	\$ 702.00
1623511	5830	Intercommunication a	RECEIVER, DIVERSITY	11/20/2003	SS-3225	\$ 879.00
2544935	5830	Intercommunication a	TELECONFERENCING UNIT	12/09/2011	SS-4995	\$ 954.00
1541831	5830	Intercommunication a	TELECONFERENCING UNIT	12/27/1996	SS-1105	\$ 971.00
1623510	5830	Intercommunication a	RECEIVER, DIVERSITY	11/20/2003	SS-3225	\$ 975.00
2251675	5830	Intercommunication a	USER/MAIN STATION, DUAL CHANNEL	09/11/2008	SS-1105	\$ 992.00
1623520	5830	Intercommunication a	TELECONFERENCING UNIT	12/24/2003	SS-3226	\$ 1,047.00
1623521	5830	Intercommunication a	TELECONFERENCING UNIT	12/24/2003	SS-3225	\$ 1,047.00
1623522	5830	Intercommunication a	TELECONFERENCING UNIT	12/24/2003	SS-3225	\$ 1,047.00
1671157	5830	Intercommunication a	MIXER, MICROPHONE	04/21/2008	SS-1100	\$ 1,297.00
2253166	5830	Intercommunication a	RECEIVER, DIVERSITY	06/10/2011	SS-1105	\$ 1,705.00
1912820	5830	Intercommunication a	SPEAKER SYSTEM	06/03/1998	SS-1105	\$ 2,388.00
1940498	5830	Intercommunication a	SPEAKER SYSTEM	09/02/1999	SS-1105	\$ 2,496.00
1671160	5830	Intercommunication a	MIXER, MICROPHONE	04/21/2008	SS-1100	\$ 3,120.00
1671158	5830	Intercommunication a	MIXER, MICROPHONE	04/21/2008	SS-1100	\$ 3,996.00
1671159	5830	Intercommunication a	MIXER, MICROPHONE	04/21/2008	SS-1100	\$ 3,996.00
1624038	5830	Intercommunication a	TELECONFERENCING UNIT	05/26/2005	SS-1105	\$ 4,516.00
1623891	5830	Intercommunication a	INTERCOM SYSTEM, WIRELESS	09/01/2004	SS-1200	\$ 6,715.00
2252497	5830	Intercommunication a	RADIO SYSTEM, CROSS PATCH	06/18/2010	SS-8000	\$ 8,450.00
<b>Federal Supply Classification 5835/5836 - Sound Recording and Reproducing Equipment</b>						
1941614	5835	Sound Recording and	RECORDER-REPRODUCER,SOUND	05/31/2001	SS-1200	\$ 580.00
2157258	5835	Sound Recording and	MIXER, AUDIO	05/26/2004	SS-1100	\$ 657.00
2157708	5835	Sound Recording and	RECORDER-REPRODUCER, SOUND	06/01/2005	SS-1100	\$ 665.00
1941789	5835	Sound Recording and	ELIMINATOR,FEEDBACK	09/14/2001	SS-1105	\$ 783.00
2253367	5835	Sound Recording and	MIXER, AUDIO	12/09/2011	SS-1200	\$ 1,177.00
1623224	5835	Sound Recording and	MIXER, MICROPHONE	03/11/2003	SS-1105	\$ 1,201.00
1623225	5835	Sound Recording and	MIXER, MICROPHONE	03/11/2003	SS-1100	\$ 1,201.00
1623226	5835	Sound Recording and	MIXER, MICROPHONE	03/11/2003	SS-1100	\$ 1,201.00
1623227	5835	Sound Recording and	MIXER, MICROPHONE	03/11/2003	SS-1105	\$ 1,201.00
1623228	5835	Sound Recording and	MIXER, MICROPHONE	03/11/2003	SS-1105	\$ 1,201.00
33889	5835	Sound Recording and	MIXER, AUDIO	06/21/1996	SS-1105	\$ 1,209.00
2156773	5835	Sound Recording and	DUPLICATOR, CD	07/29/2003	SS-1105	\$ 1,212.00
2607732	5835	Sound Recording and	MIXER, MICROPHONE	06/02/2014	SS-1105	\$ 1,313.00
1541104	5835	Sound Recording and	SPEAKER	08/19/1996	SS-1105	\$ 1,377.00
1941785	5835	Sound Recording and	AMPLIFIER	09/14/2001	SS-1100	\$ 1,394.00
1941786	5835	Sound Recording and	AMPLIFIER	09/14/2001	SS-1105	\$ 1,394.00
2157966	5835	Sound Recording and	DELAY, BROADCAST; DIGITAL	10/04/2005	SS-1105	\$ 1,859.00
1671200	5835	Sound Recording and	RECEIVER, DUAL	06/27/2008	SS-1200	\$ 2,192.00
1671201	5835	Sound Recording and	RECEIVER, DUAL	06/27/2008	SS-1200	\$ 2,192.00
2157946	5835	Sound Recording and	CONSOLE, MIXING; DIGITAL	09/21/2005	SS-1100	\$ 2,666.00
1671198	5835	Sound Recording and	RECEIVER, DUAL	06/27/2008	SS-1200	\$ 2,872.00
1671199	5835	Sound Recording and	RECEIVER, DUAL	06/27/2008	SS-1200	\$ 2,872.00
G034583	5835	Sound Recording and	DUPLICATOR, HI-FI	09/20/1989	SS-1105	\$ 3,995.00
2251980	5835	Sound Recording and	SWITCHER, AUDIO	04/10/2009	SS-8000	\$ 7,597.00
2157961	5836	Video Recording and	TERMINAL, DVR CABLE	10/04/2005	SS-1201	\$ 575.00
2157962	5836	Video Recording and	TERMINAL, DVR CABLE	10/04/2005	SS-1201	\$ 575.00
2157963	5836	Video Recording and	TERMINAL, DVR CABLE	10/04/2005	SS-1105	\$ 575.00
1939233	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/26/1998	SS-1105	\$ 600.00
1939236	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/26/1998	SS-1105	\$ 600.00
1939967	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	01/12/1999	SS-1200	\$ 622.00
2157699	5836	Video Recording and	MONITOR, 8 COLOR VIDEO	05/31/2005	SS-1100	\$ 713.00
2157700	5836	Video Recording and	MONITOR, 8 COLOR VIDEO	05/31/2005	SS-1100	\$ 713.00
2157701	5836	Video Recording and	MONITOR, 8 COLOR VIDEO	05/31/2005	SS-1100	\$ 713.00
2157702	5836	Video Recording and	MONITOR, 8 COLOR VIDEO	05/31/2005	SS-1100	\$ 713.00
2157960	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	10/04/2005	SS-1105	\$ 726.00
1622998	5836	Video Recording and	PLAYER, DVD	11/09/2001	SS-1105	\$ 765.00
2344179	5836	Video Recording and	ENCODER, VIDEO	02/25/2013	SS-3103	\$ 791.00
2157784	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/29/2005	SS-1201	\$ 800.00
2252432	5836	Video Recording and	MONITOR, TELEVISION	03/29/2010	SS-3204	\$ 810.00
2252434	5836	Video Recording and	MONITOR, TELEVISION	03/31/2010	SS-3204	\$ 810.00
42382	5836	Video Recording and	MONITOR, TELEVISION	01/05/1998	SS-1105	\$ 820.00
2157944	5836	Video Recording and	MONITOR, VIDEO, 9" COLOR	09/21/2005	SS-1200	\$ 887.00
2157945	5836	Video Recording and	MONITOR, VIDEO, 9" COLOR	09/21/2005	SS-1105	\$ 887.00
2252015	5836	Video Recording and	MONITOR, TELEVISION	04/23/2009	SS-3204	\$ 944.00
1941744	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/23/2001	SS-1105	\$ 973.00
1941745	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/23/2001	SS-1105	\$ 973.00
1940441	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/24/1999	SS-1105	\$ 985.00
1622797	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/20/2000	SS-1105	\$ 990.00
2158238	5836	Video Recording and	MONITOR, TELEVISION	06/27/2006	SS-1200	\$ 1,100.00
2158240	5836	Video Recording and	MONITOR, TELEVISION	06/27/2006	SS-1200	\$ 1,100.00
2158241	5836	Video Recording and	MONITOR, TELEVISION	06/27/2006	SS-1100	\$ 1,100.00
2158242	5836	Video Recording and	MONITOR, TELEVISION	06/27/2006	SS-1100	\$ 1,100.00

2253364	5836	Video Recording and	DOCKING STATION	11/22/2011	SS-4995	\$ 1,136.00
1670775	5836	Video Recording and	RECEIVER, PROGRAM	12/05/2006	SS-1201	\$ 1,193.00
1670776	5836	Video Recording and	RECEIVER, PROGRAM	12/05/2006	SS-1201	\$ 1,193.00
2158008	5836	Video Recording and	RECEIVER, SATELLITE	10/19/2005	SS-1201	\$ 1,250.00
1670666	5836	Video Recording and	RECEIVER, PROGRAM	07/26/2006	SS-1201	\$ 1,260.00
G034361	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/14/1989	SS-1105	\$ 1,311.00
2252887	5836	Video Recording and	ENCODER/MODULATOR	02/17/2011	SS-1201	\$ 1,318.00
2545165	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-3101	\$ 1,351.00
2545166	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-3101	\$ 1,351.00
2545167	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-8000	\$ 1,351.00
2545168	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-8000	\$ 1,351.00
2545169	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-4210	\$ 1,351.00
2545170	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-4210	\$ 1,351.00
2545171	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-8306	\$ 1,351.00
2545172	5836	Video Recording and	ENCODER, 4 CHANNEL	04/11/2012	SS-8306	\$ 1,351.00
2156535	5836	Video Recording and	PRINTER, CD	05/16/2003	SS-1105	\$ 1,422.00
1541705	5836	Video Recording and	MONITOR, TELEVISION	09/26/1996	SS-1105	\$ 1,530.00
2252780	5836	Video Recording and	SIGNAGE PLATFORM, DIGITAL	09/03/2010	SS-1201	\$ 1,534.00
2252781	5836	Video Recording and	SIGNAGE PLATFORM, DIGITAL	09/03/2010	SS-1105	\$ 1,534.00
2252782	5836	Video Recording and	SIGNAGE PLATFORM, DIGITAL	09/03/2010	SS-1110	\$ 1,534.00
1940215	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	04/29/1999	SS-1105	\$ 1,550.00
2344303	5836	Video Recording and	CONTROLLER, INTEGRATED	08/19/2013	SS-1105	\$ 1,843.00
2344304	5836	Video Recording and	CONTROLLER, INTEGRATED	08/19/2013	SS-1105	\$ 1,843.00
2344305	5836	Video Recording and	CONTROLLER, INTEGRATED	08/19/2013	SS-3225	\$ 1,843.00
2344306	5836	Video Recording and	CONTROLLER, INTEGRATED	08/19/2013	SS-3225	\$ 1,843.00
2607562	5836	Video Recording and	RECORDER, VIDEO	03/11/2013	SS-4110	\$ 1,895.00
2544633	5836	Video Recording and	ENCODER/MODULATOR	03/08/2011	SS-1201	\$ 1,918.00
1324596	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/01/1994	SS-1105	\$ 1,920.00
2544751	5836	Video Recording and	MONITOR, VIDEO	08/02/2011	SS-1105	\$ 2,037.00
2544752	5836	Video Recording and	MONITOR, VIDEO	08/02/2011	SS-1200	\$ 2,037.00
2253362	5836	Video Recording and	CONTROLLER, INTEGRATED	11/22/2011	SS-4995	\$ 2,067.00
34102	5836	Video Recording and	MONITOR, TELEVISION	09/14/1994	SS-1105	\$ 2,069.00
2544440	5836	Video Recording and	MONITOR, 7" DUAL LCD	08/16/2010	SS-1201	\$ 2,137.00
2544441	5836	Video Recording and	MONITOR, 7" DUAL LCD	08/16/2010	SS-1201	\$ 2,137.00
1671101	5836	Video Recording and	PANEL, TOUCH	09/18/2007	SS-1105	\$ 2,140.00
1671102	5836	Video Recording and	PANEL, TOUCH	09/18/2007	SS-1100	\$ 2,140.00
1671103	5836	Video Recording and	PANEL, TOUCH	09/18/2007	SS-1105	\$ 2,140.00
1671104	5836	Video Recording and	PANEL, TOUCH	09/18/2007	SS-1100	\$ 2,140.00
2158245	5836	Video Recording and	PANEL, TOUCH	06/28/2006	SS-1105	\$ 2,222.00
2251075	5836	Video Recording and	MONITOR, VIDEO	09/13/2007	SS-1105	\$ 2,288.00
2251076	5836	Video Recording and	MONITOR, VIDEO	09/13/2007	SS-1200	\$ 2,288.00
2251077	5836	Video Recording and	MONITOR, VIDEO	09/13/2007	SS-1105	\$ 2,288.00
2251078	5836	Video Recording and	MONITOR, VIDEO	09/13/2007	SS-1201	\$ 2,288.00
2251958	5836	Video Recording and	TOUCH PANEL, 7" WIDESCREEN	04/03/2009	SS-1110	\$ 2,318.00
1671264	5836	Video Recording and	TOUCH PANEL, 7" WIDESCREEN	04/27/2009	SS-1105	\$ 2,320.00
1671265	5836	Video Recording and	TOUCH PANEL, 7" WIDESCREEN	04/27/2009	SS-1105	\$ 2,320.00
2251976	5836	Video Recording and	TOUCH PANEL, 7" WIDESCREEN	04/08/2009	SS-3204	\$ 2,320.00
2253656	5836	Video Recording and	DUPLICATOR, CD/DVD	08/09/2012	SS-1105	\$ 2,350.00
2253657	5836	Video Recording and	DUPLICATOR, CD/DVD	08/09/2012	SS-1105	\$ 2,350.00
2157288	5836	Video Recording and	GENERATOR, SYNC	06/24/2004	SS-1200	\$ 2,450.00
1671350	5836	Video Recording and	SWITCHER, A/V	11/09/2009	SS-1206	\$ 2,484.00
2157293	5836	Video Recording and	MONITOR, VIDEO	06/24/2004	SS-1105	\$ 2,513.00
2253439	5836	Video Recording and	SCALER, DIGITAL VIDEO	03/13/2012	SS-1100	\$ 2,555.00
2157351	5836	Video Recording and	DUPLICATOR, CD/DVD	08/26/2004	SS-1105	\$ 2,579.00
2158009	5836	Video Recording and	RECEIVER, SATELLITE	10/19/2005	SS-1201	\$ 2,650.00
2158010	5836	Video Recording and	MODULATOR	10/19/2005	SS-1201	\$ 2,699.00
2251120	5836	Video Recording and	MONITOR, VIDEO	09/28/2007	SS-1200	\$ 2,700.00
2251121	5836	Video Recording and	MONITOR, VIDEO	09/28/2007	SS-1200	\$ 2,700.00
2607644	5836	Video Recording and	DISPLAY, TOUCH SCREEN	08/19/2013	SS-1105	\$ 2,895.00
2607645	5836	Video Recording and	DISPLAY, TOUCH SCREEN	08/19/2013	SS-3225	\$ 2,895.00
2607646	5836	Video Recording and	DISPLAY, TOUCH SCREEN	08/19/2013	SS-3225	\$ 2,895.00
2251959	5836	Video Recording and	TOUCH PANEL, 8.4"	04/03/2009	SS-1100	\$ 2,925.00
2251960	5836	Video Recording and	TOUCH PANEL, 8.4"	04/03/2009	SS-8000	\$ 2,925.00
2253363	5836	Video Recording and	PANEL, 8.4" TOUCH	11/22/2011	SS-4995	\$ 2,955.00
1941140	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/24/2000	SS-1105	\$ 3,042.00
2545160	5836	Video Recording and	ENCODER, 16 CHANNEL	04/11/2012	SS-2120	\$ 3,050.00
2545161	5836	Video Recording and	ENCODER, 16 CHANNEL	04/11/2012	SS-1201	\$ 3,050.00
2545163	5836	Video Recording and	ENCODER, 16 CHANNEL	04/11/2012	SS-8000	\$ 3,050.00
2545164	5836	Video Recording and	ENCODER, 16 CHANNEL	04/11/2012	SS-8000	\$ 3,050.00
2545251	5836	Video Recording and	ENCODER, 16 CHANNEL	10/02/2012	SS-2120	\$ 3,050.00
2607706	5836	Video Recording and	ENCODER, 16 CHANNEL	02/24/2014	SS-8000	\$ 3,050.00
2156539	5836	Video Recording and	DUPLICATOR, DVD/CD	05/19/2003	SS-1105	\$ 3,103.00
2545202	5836	Video Recording and	RECORDER, VIDEO	07/23/2012	SS-1105	\$ 3,257.00
2253598	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/18/2012	SS-1105	\$ 3,278.00
2156970	5836	Video Recording and	SWITCHER, VIDEO	11/06/2003	SS-3225	\$ 3,328.00



2156971	5836	Video Recording and	SWITCHER, VIDEO	11/06/2003	SS-3226	\$ 3,328.00
2156972	5836	Video Recording and	SWITCHER, VIDEO	11/06/2003	SS-3225	\$ 3,328.00
2344081	5836	Video Recording and	SWITCHER, VIDEO	12/11/2012	SS-1100	\$ 3,515.00
2157276	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/15/2004	SS-1105	\$ 3,516.00
2253607	5836	Video Recording and	SWITCHER	06/20/2012	SS-1103	\$ 3,608.00
2253608	5836	Video Recording and	SWITCHER	06/20/2012	SS-1103	\$ 3,608.00
2253609	5836	Video Recording and	SWITCHER	06/20/2012	SS-1103	\$ 3,608.00
2251302	5836	Video Recording and	MONITOR, 8.4	02/19/2008	SS-1100	\$ 3,634.00
2251304	5836	Video Recording and	MONITOR, 8.4	02/19/2008	SS-1100	\$ 3,634.00
1623273	5836	Video Recording and	WAVEFORM MONITOR/VECTORSCOPE	06/06/2003	SS-1105	\$ 3,686.00
2253587	5836	Video Recording and	RACK, ENCODER; 84 CHANNEL	04/11/2012	SS-8000	\$ 3,686.00
2253588	5836	Video Recording and	RACK, ENCODER; 84 CHANNEL	04/11/2012	SS-8000	\$ 3,686.00
2251103	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251104	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251108	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251109	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251110	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251111	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251112	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251113	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251114	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1200	\$ 3,950.00
2251115	5836	Video Recording and	MONITOR, VIDEO	09/26/2007	SS-1105	\$ 3,950.00
2251982	5836	Video Recording and	SWITCHER, VIDEO	04/17/2009	SS-3204	\$ 4,026.00
2252038	5836	Video Recording and	SWITCHER, VIDEO	04/28/2009	SS-1100	\$ 4,026.00
2252039	5836	Video Recording and	SWITCHER, VIDEO	04/28/2009	SS-1100	\$ 4,026.00
1622968	5836	Video Recording and	GENERATOR,SYNC	09/17/2001	SS-1105	\$ 4,032.00
2251021	5836	Video Recording and	REMOTE CONTROL UNIT	08/17/2007	SS-1200	\$ 4,090.00
1324787	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/14/1994	SS-1105	\$ 4,120.00
2158267	5836	Video Recording and	SWITCHER	07/12/2006	SS-1105	\$ 4,261.00
1539745	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/29/1995	SS-1105	\$ 4,340.00
2545219	5836	Video Recording and	RECORDER, MEMORY CARD	08/21/2012	SS-1105	\$ 4,373.00
2607518	5836	Video Recording and	RECORDER, DIGITAL FILE	01/14/2013	SS-1105	\$ 4,375.00
1940734	5836	Video Recording and	CAMCORDER	01/18/2000	SS-1105	\$ 4,379.00
1941874	5836	Video Recording and	MONITOR,TELEVISION	10/09/2001	SS-1105	\$ 4,480.00
1624197	5836	Video Recording and	CONVERTER, VIDEO	10/19/2005	SS-1201	\$ 4,600.00
1624200	5836	Video Recording and	CONVERTER, VIDEO	10/19/2005	SS-1201	\$ 4,600.00
1941841	5836	Video Recording and	MONITOR,TELEVISION	10/01/2001	SS-1105	\$ 4,794.00
1941843	5836	Video Recording and	MONITOR,TELEVISION	10/01/2001	SS-1105	\$ 4,794.00
2156542	5836	Video Recording and	MONITOR, TELEVISION	05/22/2003	SS-1100	\$ 4,847.00
2251744	5836	Video Recording and	CAMCORDER	11/05/2008	SS-1105	\$ 4,973.00
2251300	5836	Video Recording and	CONTROLLER, INTEGRATED	02/19/2008	SS-1100	\$ 5,045.00
2251301	5836	Video Recording and	CONTROLLER, INTEGRATED	02/19/2008	SS-1100	\$ 5,045.00
1941112	5836	Video Recording and	CAMCORDER	08/04/2000	SS-1105	\$ 5,148.00
1540745	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	07/05/1996	SS-1105	\$ 5,750.00
396631	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	05/05/1986	SS-1105	\$ 5,800.00
1624169	5836	Video Recording and	ENCODER	09/23/2005	SS-1200	\$ 5,840.00
1623272	5836	Video Recording and	CORRECTOR, VIDEO; DIGITAL	06/06/2003	SS-1105	\$ 5,842.00
1623900	5836	Video Recording and	STEADICAM	10/05/2004	SS-1105	\$ 6,040.00
2251509	5836	Video Recording and	SWITCHER, VIDEO	07/14/2008	SS-1105	\$ 6,047.00
2156855	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/11/2003	SS-1105	\$ 6,280.00
2158396	5836	Video Recording and	DUPLICATOR, DVD	09/27/2006	SS-1105	\$ 6,295.00
1941873	5836	Video Recording and	MONITOR, TELEVISION	10/09/2001	SS-1105	\$ 6,344.00
2253360	5836	Video Recording and	SWITCHER, VIDEO	11/21/2011	SS-4995	\$ 6,778.00
2557856	5836	Video Recording and	DECODER, VIDEO	09/22/2011	SS-1105	\$ 6,924.00
2251902	5836	Video Recording and	PROCESSOR, VIDEO DISPLAY	03/17/2009	SS-8000	\$ 7,385.00
1940684	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	12/13/1999	SS-1105	\$ 7,466.00
2156016	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/21/2002	SS-1105	\$ 7,469.00
2156052	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/04/2002	SS-1105	\$ 7,469.00
2251965	5836	Video Recording and	TOUCH PANEL, 15" COLOR VIDEO	04/03/2009	SS-8000	\$ 7,592.00
1540741	5836	Video Recording and	CAMERA	07/05/1996	SS-1105	\$ 7,712.00
2545216	5836	Video Recording and	ANALYZER, VIDEO	08/15/2012	SS-1105	\$ 7,996.00
1670505	5836	Video Recording and	ENCRYPTOR	10/19/2005	SS-1201	\$ 8,000.00
1670506	5836	Video Recording and	ENCRYPTOR	10/19/2005	SS-1201	\$ 8,000.00
2544581	5836	Video Recording and	ENCRYPTOR	10/19/2005	SS-1201	\$ 8,000.00
2607677	5836	Video Recording and	ENCRYPTOR	10/19/2005	SS-1201	\$ 8,000.00
2607700	5836	Video Recording and	ENCRYPTOR	10/19/2005	SS-1201	\$ 8,000.00
2252733	5836	Video Recording and	ENCODER	08/27/2010	SS-1200	\$ 8,042.00
2157364	5836	Video Recording and	GENERATOR, CHARACTER	09/07/2004	SS-1105	\$ 8,616.00
1225157	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	01/28/1993	SS-1105	\$ 8,625.00
1224952	5836	Video Recording and	PLAYER, VIDEO	10/28/1992	SS-1105	\$ 8,800.00
2253651	5836	Video Recording and	SWITCHER, ROUTING	07/30/2012	SS-1105	\$ 8,851.00
2156205	5836	Video Recording and	MULTIPLEXER, DIGITAL	11/19/2002	SS-8000	\$ 8,890.00
2158000	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158001	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158002	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00

2158003	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158004	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158005	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158006	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158007	5836	Video Recording and	ENCODER	10/19/2005	SS-1201	\$ 9,000.00
2158011	5836	Video Recording and	DECODER	10/19/2005	SS-1201	\$ 9,000.00
2156108	5836	Video Recording and	PLAYER,VIDEO	09/12/2002	SS-1105	\$ 9,095.00
2314703	5836	Video Recording and	DECODER, VIDEO	10/07/2009	SS-1201	\$ 9,234.00
2529248	5836	Video Recording and	MEDIA SERVER, ROUTER	05/23/2005	SS-1201	\$ 9,617.00
2529267	5836	Video Recording and	MEDIA SERVER, ROUTER	05/23/2005	SS-1105	\$ 9,617.00
1539744	5836	Video Recording and	CAMERA, VIDEO	09/29/1995	SS-1105	\$ 10,139.00
2251019	5836	Video Recording and	RECORDER/PLAYER, PORTABLE	08/17/2007	SS-1105	\$ 10,200.00
2251257	5836	Video Recording and	RECORDER/PLAYER, P2 CARD	12/18/2007	SS-1105	\$ 11,641.00
2344160	5836	Video Recording and	MULTIVIEWER	02/12/2013	SS-1105	\$ 12,278.00
1940560	5836	Video Recording and	CAMCORDER	10/04/1999	SS-1105	\$ 12,500.00
1940561	5836	Video Recording and	CAMCORDER	10/04/1999	SS-1105	\$ 12,500.00
2156109	5836	Video Recording and	PLAYER/RECORDER,VIDEO	09/12/2002	SS-1105	\$ 12,749.00
2156110	5836	Video Recording and	PLAYER/RECORDER,VIDEO	09/12/2002	SS-1105	\$ 12,749.00
2157303	5836	Video Recording and	SYNCHRONIZER, FRAME	07/08/2004	SS-1105	\$ 12,839.00
1224951	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	10/28/1992	SS-1105	\$ 13,200.00
3050859	5836	Video Recording and	MEDIA SYSTEM, VIDEO/AUDIO	09/24/2003	SS-1105	\$ 13,541.00
1941860	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	10/04/2001	SS-1105	\$ 13,565.00
1941523	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/11/2003	SS-1105	\$ 13,656.00
2251299	5836	Video Recording and	SWITCHER, MATRIX	02/15/2008	SS-1100	\$ 13,712.00
1623289	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	07/24/2003	SS-1105	\$ 14,305.00
1623290	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	07/24/2003	SS-1105	\$ 14,305.00
2156857	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/11/2003	SS-1105	\$ 14,735.00
2157300	5836	Video Recording and	SWITCHER, VIDEO	06/29/2004	SS-1105	\$ 14,750.00
1541374	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/18/1996	SS-1105	\$ 15,050.00
1540639	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/27/1996	SS-1105	\$ 15,315.00
1941859	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	10/04/2001	SS-1105	\$ 15,770.00
2156131	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/25/2002	SS-1105	\$ 16,150.00
2253654	5836	Video Recording and	TRANSCODER	08/07/2012	SS-1201	\$ 16,316.00
2343637	5836	Video Recording and	CONTROLLER, SWITCHER	09/04/2012	SS-1200	\$ 16,535.00
1541702	5836	Video Recording and	PLAYER, VIDEO CASSETTE	09/26/1996	SS-1105	\$ 19,480.00
2251037	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/29/2007	SS-1105	\$ 19,737.00
2251484	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	06/26/2008	SS-1105	\$ 19,837.00
1541703	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	09/26/1996	SS-1105	\$ 20,500.00
1541700	5836	Video Recording and	VIDEO EFFECTS MACHINE	09/26/1996	SS-1105	\$ 22,531.00
2157322	5836	Video Recording and	INSCRIBER	08/05/2004	SS-1105	\$ 27,144.00
2251124	5836	Video Recording and	GENERATOR, CHARACTER	10/03/2007	SS-1200	\$ 28,890.00
1541701	5836	Video Recording and	SWITCHER, VIDEO	09/26/1996	SS-1105	\$ 29,400.00
2251086	5836	Video Recording and	RECORDER, DISK	09/17/2007	SS-1105	\$ 33,900.00
2251682	5836	Video Recording and	ENCODER, VIDEO	09/16/2008	SS-1201	\$ 34,425.00
2251901	5836	Video Recording and	SWITCHER, MATRIX	03/17/2009	SS-8000	\$ 34,996.00
2251018	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/17/2007	SS-1105	\$ 40,377.00
2251020	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/17/2007	SS-1105	\$ 40,377.00
2251022	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/17/2007	SS-1105	\$ 40,377.00
2251023	5836	Video Recording and	RECORDER-REPRODUCER, VIDEO	08/17/2007	SS-1105	\$ 40,377.00
2157967	5836	Video Recording and	CONTROLLER, ACCESS; DIGITAL	10/05/2005	SS-1201	\$ 143,500.00
<b>Federal Supply Classification 5840 - Radar Equipment</b>						
1941673	5840	Radar Equipment, Exc	CONTROLLER, SURVEY	07/13/2001	SS-1105	\$ 2,270.00
1941672	5840	Radar Equipment, Exc	CONTROLLER, SURVEY	07/13/2001	SS-1105	\$ 4,495.00
1941216	5840	Radar Equipment, Exc	CONTROLLER, SURVEY	10/19/2000	SS-1105	\$ 6,592.00
34125	5840	Radar Equipment, Exc	CONTROLLER, SURVEY	09/20/1994	SS-1105	\$ 9,641.00
1539736	5840	Radar Equipment, Exc	RADAR UNIT, MARINE	09/29/1995	SS-1105	\$ 30,420.00
1941674	5840	Radar Equipment, Exc	GEODIMETER	07/13/2001	SS-1105	\$ 30,541.00
1941844	5840	Radar Equipment, Exc	CONTROLLER, SURVEY	10/01/2001	SS-1105	\$ 37,672.00
<b>Federal Supply Classification 5895</b>						
2252509	5895	Miscellaneous Commun	TUNER, ANTENNA	07/07/2010	SS-8000	\$ 650.00
1941212	5895	Miscellaneous Commun	SWITCHER, COMPONENT	10/13/2000	SS-1105	\$ 735.00
1623468	5895	Miscellaneous Commun	MODULATOR	09/19/2003	SS-1201	\$ 744.00
2252510	5895	Miscellaneous Commun	AMPLIFIER, MOBILE	07/07/2010	SS-1105	\$ 750.00
2251638	5895	Miscellaneous Commun	AMPLIFIER, AUDIO POWER	08/26/2008	SS-1105	\$ 1,062.00
2251639	5895	Miscellaneous Commun	AMPLIFIER, AUDIO POWER	08/26/2008	SS-1105	\$ 1,062.00
1671206	5895	Miscellaneous Commun	MODULATOR, RF	07/24/2008	SS-1201	\$ 1,233.00
G034662	5895	Miscellaneous Commun	GENERATOR, COLOR SYNC	10/02/1989	SS-1105	\$ 1,625.00
2544691	5895	Miscellaneous Commun	SWITCHER, A/V	05/10/2011	SS-1103	\$ 1,968.00
2251508	5895	Miscellaneous Commun	AMPLIFIER, POWER	07/09/2008	SS-1100	\$ 2,000.00
752634	5895	Miscellaneous Commun	AMPLIFIER, LOW NOISE	03/06/1985	SS-1105	\$ 2,495.00
1622652	5895	Miscellaneous Commun	TRANSMITTER	09/13/1999	SS-1105	\$ 2,750.00
1941622	5895	Miscellaneous Commun	SWITCHER,WIDEBAND	06/07/2001	SS-1100	\$ 3,504.00
1912227	5895	Miscellaneous Commun	MODEM, SATELLITE	02/20/1998	SS-1105	\$ 6,375.00



1322932	5895	Miscellaneous Commun	CHASSIS, VOICE OPERATED SWITCH	07/27/1993	SS-1201	\$ 8,215.00
42023	5895	Miscellaneous Commun	TRANSMITTER, OPTICAL	08/15/1996	SS-1201	\$ 8,725.00
2155723	5895	Miscellaneous Commun	SWITCHER,VIDEO	02/05/2002	SS-1200	\$ 9,415.00
1322931	5895	Miscellaneous Commun	SWITCH, VOICE FREQUENCY	07/27/1993	SS-1201	\$ 10,735.00
2157714	5895	Miscellaneous Commun	SWITCHER, ROUTING	06/07/2005	SS-1100	\$ 11,407.00
1941538	5895	Miscellaneous Commun	CONSOLE, COMPACT COM.	09/28/1989	SS-1201	\$ 16,038.00
1541285	5895	Miscellaneous Commun	TRANSMITTER, OPTICAL	09/09/1996	SS-1201	\$ 20,777.00
2157311	5895	Miscellaneous Commun	CONSOLE INTERFACE, REMOTE	07/15/2004	SS-1201	\$ 37,101.00
<b>Federal Supply Classification 59</b>						
1622913	5915	Filters and Networks	FILTER,HIGH/LOW PASS	06/28/2001	SS-1105	\$ 3,025.00
1912723	5985	Antennas, Waveguide,	CONTROLLER	04/13/1998	SS-1105	\$ 13,337.00
2344478	5996	Amplifiers	AMPLIFIER, POWER	02/03/2014	SS-1105	\$ 630.00
2253359	5996	Amplifiers	AMPLIFIER, POWER	11/16/2011	SS-4995	\$ 728.00
<b>Federal Supply Classification 60</b>						
2253627	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253628	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253629	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253630	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253631	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253632	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253633	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-1201	\$ 2,456.00
2253634	6030	Fiber Optic Devices	TRANSMITTER, FIBER OPTIC	07/10/2012	SS-2204	\$ 2,456.00
<b>Federal Supply Classification 6115 - Generators and Generator Sets, Electrical</b>						
1941225	6115	Generators and Gener	GENERATOR	11/01/2000	SS-1105	\$ 1,815.00
2251442	6115	Generators and Gener	GENERATOR, PORTABLE	05/20/2008	SS-1105	\$ 1,957.00
2252734	6115	Generators and Gener	GENERATOR, RV	08/27/2010	SS-8000	\$ 4,378.00
<b>Federal Supply Classification 6115 - Generators and Generator Sets, Electrical</b>						
2252428	6515	Medical and Surgical	DEFIBRILLATOR	03/25/2010	SS-1105	\$ 1,552.00
2252429	6515	Medical and Surgical	DEFIBRILLATOR	03/25/2010	SS-9121	\$ 1,552.00
<b>Federal Supply Classification 6605/6625 - Instruments and Laboratory Equipment</b>						
2251632	6625	Electrical and Elect	MULTIMETER, DIGITAL	08/22/2008	SS-1201	\$ 617.00
1622974	6625	Electrical and Elect	MULTIMETER	09/24/2001	SS-1110	\$ 699.00
753418	6625	Electrical and Elect	GENERATOR FUNCTION	05/06/1985	SS-1105	\$ 895.00
2252610	6625	Electrical and Elect	TESTER, MODULAR NETWORK	08/05/2010	SS-1201	\$ 994.00
15879	6625	Electrical and Elect	DECADE RESISTANCE BOX	11/17/1989	SS-1105	\$ 1,362.00
2155789	6625	Electrical and Elect	LOCATER,PIPE & CABLE	03/29/2002	SS-1105	\$ 1,795.00
1622842	6625	Electrical and Elect	ANALYZER, SERIAL COMMUNICATION	11/16/2000	SS-1110	\$ 2,049.00
1324751	6625	Electrical and Elect	MONITOR, WAVEFORM	09/02/1994	SS-1201	\$ 2,120.00
1225124	6625	Electrical and Elect	POWER SUPPLY, HALOGEN LAMP	12/23/1992	SS-1105	\$ 2,375.00
2251506	6625	Electrical and Elect	GENERATOR, SYNC; DIGITAL	07/03/2008	SS-1105	\$ 3,999.00
1911297	6625	Electrical and Elect	GENERATOR, SIGNAL	11/04/1997	SS-1110	\$ 5,000.00
2253313	6625	Electrical and Elect	LOCATER, CABLE & PIPE	12/27/2011	SS-1201	\$ 5,860.00
1671112	6625	Electrical and Elect	MONITOR, WAVEFORM	10/22/2007	SS-1200	\$ 9,650.00
1911389	6625	Electrical and Elect	MODULATOR, PSK	11/25/1997	SS-1110	\$ 10,000.00
2251733	6625	Electrical and Elect	TOOLKIT, MODULAR TEST	10/30/2008	SS-1201	\$ 13,590.00
2156767	6625	Electrical and Elect	OSCILLOSCOPE	07/31/2003	SS-1201	\$ 13,694.00
2157972	6625	Electrical and Elect	ANALYZER, SPECTRUM	10/06/2005	SS-1201	\$ 15,498.00
2155815	6625	Electrical and Elect	RADIOMETER	04/25/2002	SS-1105	\$ 19,881.00
2155816	6625	Electrical and Elect	RADIOMETER	04/25/2002	SS-1105	\$ 19,881.00
3033946	6625	Electrical and Elect	ANALYZER, SPECTRUM	08/28/2009	SS-1201	\$ 70,482.00
<b>Federal Supply Classification 6650</b>						
2253371	6660	Meteorological Instr	WEATHER PROCESSING SYSTEM	12/13/2011	SS-1201	\$ 1,500.00
2157884	6660	Meteorological Instr	SCRIBE, WEATHER	08/22/2005	SS-8000	\$ 5,000.00
<b>Federal Supply Classification 6665 - Hazard Detecting Instruments and Apparatus</b>						
2251849	6665	Hazard-Detecting Ins	DETECTOR, MULTIGAS	02/26/2009	SS-8302	\$ 1,470.00
2253218	6665	Hazard-Detecting Ins	DETECTOR, GAS	07/01/2011	SS-8302	\$ 1,645.00
1670604	6665	Hazard-Detecting Ins	DETECTOR, GAS	06/08/2006	SS-8302	\$ 1,648.00
2158233	6665	Hazard-Detecting Ins	DETECTOR, GAS	06/05/2006	SS-8302	\$ 2,118.00
1224985	6665	Hazard-Detecting Ins	CONTROLLER, RADIATION SOURCE	11/05/1992	SS-1105	\$ 2,925.00
1324616	6665	Hazard-Detecting Ins	LOCATOR, PIPE & CABLE	08/03/1994	SS-1201	\$ 4,401.00
1172673	6665	Hazard-Detecting Ins	DETECTOR, LEAK HELIUM	06/24/1991	SS-1105	\$ 20,192.00
2157519	6665	Hazard-Detecting Ins	CAMERA, INFRARED	01/03/2005	SS-1105	\$ 40,670.00
34873	6665	Hazard-Detecting Ins	SPECTRORADIOMETER	04/23/1997	SS-1105	\$ 74,045.00
<b>Federal Supply Classification 6670 - Scales and Balances</b>						
1671472	6670	Scales and Balances	SCALE, PLATFORM	07/24/2010	SS-3204	\$ 732.00
<b>Federal Supply Classification 6675 - Drafting, Surveying and Mapping Instruments</b>						



415329	6675	Drafting, Surveying,	STEREOSCOPE	07/26/1977	SS-1105	\$ 1,091.00
<b>Federal Supply Classification 6685/6695 - Pressure Temperature and Humidity Measuring Equipment</b>						
415154	6685	Pressure, Temperatur	GAGE, DIGITAL HEIGHT	11/18/1981	SS-1105	\$ 660.00
<b>Federal Supply Classification 6720/6730/6740/6760 - Photographic Equipment</b>						
1323666	6720	Cameras, Still Pictu	CAMERA, 35MM	12/21/1993	SS-1105	\$ 546.00
1623471	6720	Cameras, Still Pictu	CAMERA, DIGITAL	09/23/2003	SS-1105	\$ 877.00
1622885	6720	Cameras, Still Pictu	CAMERA, DIGITAL	05/13/2001	SS-1105	\$ 1,000.00
1622886	6720	Cameras, Still Pictu	CAMERA	05/13/2001	SS-1105	\$ 1,000.00
1670548	6720	Cameras, Still Pictu	CAMERA, DIGITAL	04/10/2006	SS-1105	\$ 1,408.00
1912879	6720	Cameras, Still Pictu	CAMERA	06/18/1998	SS-1105	\$ 4,609.00
1911985	6720	Cameras, Still Pictu	CAMERA	12/19/1997	SS-1105	\$ 8,900.00
447989	6720	Cameras, Still Pictu	CAMERA, STILL PICTURE	07/07/1977	SS-1105	\$ 41,845.00
446980	6730	Photographic Project	TABLE LIGHT DIRECT VIEWING	07/26/1977	SS-1105	\$ 758.00
2157792	6730	Photographic Project	VIEWFINDER	07/12/2005	SS-1105	\$ 875.00
2157793	6730	Photographic Project	VIEWFINDER	07/12/2005	SS-1105	\$ 875.00
2252149	6730	Photographic Project	PROJECTOR, LCD	08/05/2009	SS-1100	\$ 974.00
2252150	6730	Photographic Project	PROJECTOR, LCD	08/05/2009	SS-2425	\$ 974.00
2253158	6730	Photographic Project	PROJECTOR, PORTABLE	06/09/2011	SS-2425	\$ 1,073.00
2253159	6730	Photographic Project	PROJECTOR, PORTABLE	06/09/2011	SS-1105	\$ 1,073.00
2251944	6730	Photographic Project	PROJECTOR, LCD	03/24/2009	SS-1100	\$ 1,318.00
442088	6730	Photographic Project	TABLE LIGHT DIRECT VIEWING	07/26/1977	SS-1105	\$ 1,325.00
2251517	6730	Photographic Project	PROJECTOR, LCD	07/17/2008	SS-1105	\$ 1,540.00
2250985	6730	Photographic Project	PROJECTOR, LCD	08/06/2007	SS-1105	\$ 1,588.00
2157880	6730	Photographic Project	PROJECTOR, LCD	08/19/2005	SS-1105	\$ 1,971.00
2157881	6730	Photographic Project	PROJECTOR, LCD	08/19/2005	SS-1105	\$ 1,971.00
2158137	6730	Photographic Project	BOARD, ELECTRONIC COPY	01/17/2006	SS-1105	\$ 2,007.00
2157629	6730	Photographic Project	PROJECTOR, LCD	04/07/2005	SS-1201	\$ 2,098.00
2157630	6730	Photographic Project	PROJECTOR, LCD	04/11/2005	SS-1105	\$ 2,262.00
2156763	6730	Photographic Project	PROJECTOR, OVERHEAD	07/31/2003	SS-1105	\$ 2,300.00
2156312	6730	Photographic Project	PRESENTER, VISUAL	02/10/2003	SS-1100	\$ 2,503.00
2157721	6730	Photographic Project	PRESENTER, VISUAL	06/10/2005	SS-1100	\$ 2,603.00
2156849	6730	Photographic Project	PROJECTOR, OVERHEAD	09/08/2003	SS-1105	\$ 2,750.00
2156850	6730	Photographic Project	PROJECTOR, OVERHEAD	09/08/2003	SS-1105	\$ 2,750.00
1941621	6730	Photographic Project	PRESENTER, VISUAL	06/05/2001	SS-1100	\$ 2,830.00
2252689	6730	Photographic Project	PROJECTOR, LCD	08/20/2010	SS-1110	\$ 3,060.00
2252786	6730	Photographic Project	PROJECTOR, LCD	09/07/2010	SS-1100	\$ 3,060.00
2156170	6730	Photographic Project	PROJECTOR, OVERHEAD	10/02/2002	SS-1100	\$ 3,082.00
2253173	6730	Photographic Project	PROJECTOR, LCD	06/14/2011	SS-1103	\$ 3,193.00
2158053	6730	Photographic Project	PROJECTOR, LCD	12/08/2005	SS-1105	\$ 3,200.00
2158054	6730	Photographic Project	PROJECTOR, LCD	12/08/2005	SS-1105	\$ 3,200.00
2158041	6730	Photographic Project	PROJECTOR, LCD	12/01/2005	SS-3226	\$ 3,226.00
2344342	6730	Photographic Project	PROJECTOR, LCD	10/01/2013	SS-1105	\$ 3,284.00
2344343	6730	Photographic Project	PROJECTOR, LCD	10/01/2013	SS-1105	\$ 3,284.00
2155946	6730	Photographic Project	PROJECTOR, OVERHEAD	07/12/2002	SS-1105	\$ 3,346.00
2155948	6730	Photographic Project	PROJECTOR, OVERHEAD	07/12/2002	SS-1105	\$ 3,346.00
2344521	6730	Photographic Project	PROJECTOR, LCD	03/06/2014	SS-1206	\$ 3,350.00
2344230	6730	Photographic Project	PROJECTOR, LCD	06/04/2013	SS-3225	\$ 3,375.00
2344231	6730	Photographic Project	PROJECTOR, LCD	06/04/2013	SS-3225	\$ 3,375.00
2344232	6730	Photographic Project	PROJECTOR, LCD	06/04/2013	SS-3226	\$ 3,375.00
2252146	6730	Photographic Project	PROJECTOR, LCD	08/05/2009	SS-1100	\$ 3,382.00
2252147	6730	Photographic Project	PROJECTOR, LCD	08/05/2009	SS-1105	\$ 3,382.00
2252148	6730	Photographic Project	PROJECTOR, LCD	08/05/2009	SS-1105	\$ 3,382.00
2156875	6730	Photographic Project	PROJECTOR, LCD	09/22/2003	SS-3225	\$ 3,775.00
2252027	6730	Photographic Project	PROJECTOR, LCD	04/27/2009	SS-1100	\$ 3,800.00
2252028	6730	Photographic Project	PROJECTOR, LCD	04/27/2009	SS-1100	\$ 3,800.00
2251978	6730	Photographic Project	PROJECTOR, LCD	04/08/2009	SS-3204	\$ 3,811.00
1941641	6730	Photographic Project	CONVERTER, VIDEO	06/29/2001	SS-3204	\$ 3,825.00
1622894	6730	Photographic Project	PROJECTOR	05/30/2001	SS-1100	\$ 3,886.00
2343634	6730	Photographic Project	PROJECTOR, LCD	08/27/2012	SS-1105	\$ 3,957.00
2343635	6730	Photographic Project	PROJECTOR, LCD	08/27/2012	SS-1100	\$ 3,957.00
2343636	6730	Photographic Project	PROJECTOR, LCD	08/27/2012	SS-1100	\$ 3,957.00
1941640	6730	Photographic Project	PRESENTER, VISUAL	06/29/2001	SS-1100	\$ 4,048.00
2344092	6730	Photographic Project	PROJECTOR, LCD	12/26/2012	SS-1105	\$ 4,121.00
2253638	6730	Photographic Project	PROJECTOR, LCD	07/16/2012	SS-1100	\$ 4,283.00
2156968	6730	Photographic Project	PROJECTOR, OVERHEAD	11/05/2003	SS-3225	\$ 4,511.00
1941179	6730	Photographic Project	PROJECTOR	09/11/2000	SS-1105	\$ 4,760.00
2253346	6730	Photographic Project	PROJECTOR, LCD	10/25/2011	SS-4995	\$ 4,920.00
2344279	6730	Photographic Project	PROJECTOR, LCD	08/06/2013	SS-1105	\$ 6,474.00
2344280	6730	Photographic Project	PROJECTOR, LCD	08/06/2013	SS-1105	\$ 6,474.00
1941161	6730	Photographic Project	PROJECTOR	08/31/2000	SS-1105	\$ 6,650.00
1910203	6730	Photographic Project	PROJECTOR, LCD	06/27/1997	SS-1105	\$ 6,784.00
2252181	6730	Photographic Project	READER/SCANNER, MICROFILM	08/26/2009	SS-3204	\$ 7,298.00
1940886	6730	Photographic Project	PROJECTOR	03/10/2000	SS-1100	\$ 7,346.00

1941821	6730	Photographic Project	PROJECTOR	09/26/2001	SS-1100	\$ 7,735.00
1940146	6730	Photographic Project	PROJECTOR	03/31/1999	SS-1105	\$ 8,659.00
1940156	6730	Photographic Project	PROJECTOR	04/01/1999	SS-1105	\$ 8,659.00
2344233	6730	Photographic Project	PROJECTOR, LCD	06/04/2013	SS-1100	\$ 11,479.00
2156843	6730	Photographic Project	PROJECTOR	09/04/2003	SS-1105	\$ 13,610.00
2156844	6730	Photographic Project	PROJECTOR	09/04/2003	SS-1105	\$ 13,610.00
1224169	6730	Photographic Project	PROJECTOR, COLOR VIDEO	08/10/1992	SS-1201	\$ 19,156.00
1224170	6730	Photographic Project	PROJECTOR, COLOR VIDEO	08/10/1992	SS-1201	\$ 19,156.00
2157727	6730	Photographic Project	PROJECTOR	06/14/2005	SS-1105	\$ 21,434.00
2157728	6730	Photographic Project	PROJECTOR	06/14/2005	SS-1105	\$ 21,434.00
2253592	6730	Photographic Project	PROJECTOR	04/13/2010	SS-1200	\$ 46,728.00
2250938	6730	Photographic Project	PROJECTOR, DIGITAL	06/28/2007	SS-1200	\$ 76,756.00
415273	6740	Photographic Develop	SPHERE, INTEGRATING	09/20/1982	SS-1105	\$ 1,780.00
1671311	6740	Photographic Develop	EDITING SYSTEM	08/11/2009	SS-1105	\$ 9,796.00
1671312	6740	Photographic Develop	EDITING SYSTEM	08/11/2009	SS-1105	\$ 9,796.00
415177	6760	Photographic Equipme	TABLE, LIGHT	02/25/1983	SS-1105	\$ 546.00
447993	6760	Photographic Equipme	LENS, CAMERA 8MM	07/26/1977	SS-1105	\$ 555.00
415216	6760	Photographic Equipme	INTERVALOMETER, AIRCRAFT CAMER	07/08/1983	SS-1105	\$ 600.00
415217	6760	Photographic Equipme	INTERVALOMETER, AIRCRAFT CAMER	07/07/1983	SS-1105	\$ 600.00
415238	6760	Photographic Equipme	LENS, CAMERA 40MM	07/26/1977	SS-1105	\$ 624.00
415239	6760	Photographic Equipme	LENS, CAMERA 500MM	07/26/1977	SS-1105	\$ 793.00
1622827	6760	Photographic Equipme	CAMERA, DIGITAL, STILL	09/29/2000	SS-1105	\$ 1,287.00
1622828	6760	Photographic Equipme	CAMERA, DIGITAL, STILL	09/29/2000	SS-1105	\$ 1,287.00
36325	6760	Photographic Equipme	LENS, CAMERA	10/21/1992	SS-1105	\$ 2,090.00
1622960	6760	Photographic Equipme	TRIPOD	09/04/2001	SS-1200	\$ 2,090.00
1622859	6760	Photographic Equipme	CAMERA, DIGITAL, STILL	01/08/2001	SS-1105	\$ 2,299.00
15304	6760	Photographic Equipme	CAMERA, TRIPOD	07/21/1988	SS-1105	\$ 2,329.00
2544866	6760	Photographic Equipme	DEMAND UNIT, ZOOM RATE	08/17/2011	SS-1105	\$ 3,317.00
2544867	6760	Photographic Equipme	DEMAND UNIT, ZOOM RATE	08/17/2011	SS-1105	\$ 3,317.00
2251834	6760	Photographic Equipme	REMOTE CONTROL UNIT, CAMERA	02/20/2009	SS-1200	\$ 4,510.00
16107	6760	Photographic Equipme	LENS	05/12/1988	SS-1105	\$ 4,620.00
2544916	6760	Photographic Equipme	LENS	11/15/2011	SS-1105	\$ 6,250.00
2544917	6760	Photographic Equipme	LENS	11/15/2011	SS-1105	\$ 6,250.00
1623262	6760	Photographic Equipme	LENS, CAMERA	05/29/2003	SS-1105	\$ 6,300.00
1623263	6760	Photographic Equipme	LENS, CAMERA	05/29/2003	SS-1105	\$ 6,300.00
33930	6760	Photographic Equipme	LENS, ZOOM	07/12/1996	SS-1105	\$ 8,635.00
415168	6760	Photographic Equipme	MAGAZINE, 16MM FILM	12/01/1978	SS-1105	\$ 14,412.00
415172	6760	Photographic Equipme	MAGAZINE, FILM	03/20/1979	SS-1105	\$ 15,709.00
<b>Federal Supply Classification 7021 - ADP Central Processing Unit</b>						
2344431	7021	ADP Central Processi	COMPUTER, TABLET	12/26/2013	SS-1105	\$ 540.00
1623102	7021	ADP Central Processi	COMPUTER, HANDHELD	06/07/2002	SS-1105	\$ 579.00
2156801	7021	ADP Central Processi	COMPUTER, MICRO	08/21/2003	SS-1105	\$ 777.00
2156803	7021	ADP Central Processi	COMPUTER, MICRO	08/21/2003	SS-1105	\$ 777.00
2156804	7021	ADP Central Processi	COMPUTER, MICRO	08/21/2003	SS-1105	\$ 777.00
2156805	7021	ADP Central Processi	COMPUTER, MICRO	08/21/2003	SS-1105	\$ 777.00
1940772	7021	ADP Central Processi	COMPUTER, MICRO	02/04/2000	SS-1105	\$ 1,000.00
1912789	7021	ADP Central Processi	COMPUTER, MICRO	05/15/1998	SS-1105	\$ 1,077.00
2157799	7021	ADP Central Processi	COMPUTER, MICRO	02/17/2005	SS-4010	\$ 1,134.00
2156656	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156657	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156658	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156659	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156660	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156661	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156662	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156664	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156668	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156669	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156670	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156673	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156674	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156675	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156676	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156678	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156679	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156681	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156682	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156683	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156684	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156685	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156687	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156689	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156690	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156691	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00



2156692	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156693	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2156694	7021	ADP Central Processi	COMPUTER, MICRO	07/09/2003	SS-1105	\$ 1,290.00
2201230	7021	ADP Central Processi	SERVER, RACKMOUNT	09/07/2006	SS-9323	\$ 1,473.00
2156825	7021	ADP Central Processi	COMPUTER, MICRO	09/02/2003	SS-1105	\$ 1,528.00
2156829	7021	ADP Central Processi	COMPUTER, MICRO	09/02/2003	SS-1105	\$ 1,528.00
2156831	7021	ADP Central Processi	COMPUTER, MICRO	09/02/2003	SS-1105	\$ 1,528.00
2156832	7021	ADP Central Processi	COMPUTER, MICRO	09/02/2003	SS-1105	\$ 1,528.00
2156833	7021	ADP Central Processi	COMPUTER, MICRO	09/02/2003	SS-1105	\$ 1,528.00
2158025	7021	ADP Central Processi	COMPUTER, MICRO	11/16/2005	SS-1105	\$ 1,528.00
2253299	7021	ADP Central Processi	COMPUTER, MICRO	09/09/2011	SS-1110	\$ 1,528.00
2253300	7021	ADP Central Processi	COMPUTER, MICRO	09/09/2011	SS-1100	\$ 1,528.00
1941806	7021	ADP Central Processi	COMPUTER, MICRO	09/18/2001	SS-1105	\$ 1,599.00
2155765	7021	ADP Central Processi	COMPUTER, MICRO	03/05/2002	SS-1105	\$ 1,603.00
2156218	7021	ADP Central Processi	COMPUTER, MICRO	12/03/2002	SS-1105	\$ 1,727.00
2158623	7021	ADP Central Processi	COMPUTER, MICRO	03/27/2007	SS-8000	\$ 1,746.00
2157418	7021	ADP Central Processi	COMPUTER, MICRO	11/22/2004	SS-1105	\$ 1,780.00
2156701	7021	ADP Central Processi	COMPUTER, MICRO	07/10/2003	SS-1105	\$ 1,873.00
1941743	7021	ADP Central Processi	COMPUTER, MICRO	08/21/2001	SS-1105	\$ 2,025.00
2158253	7021	ADP Central Processi	COMPUTER, NOTEBOOK	07/03/2006	SS-9121	\$ 2,157.00
2158254	7021	ADP Central Processi	COMPUTER, NOTEBOOK	07/03/2006	SS-9121	\$ 2,157.00
2156873	7021	ADP Central Processi	COMPUTER, NOTEBOOK	09/19/2003	SS-1110	\$ 2,377.00
2156605	7021	ADP Central Processi	COMPUTER, LAPTOP	07/07/2003	SS-1105	\$ 2,570.00
2156907	7021	ADP Central Processi	COMPUTER, NOTEBOOK	09/26/2003	SS-1105	\$ 2,824.00
2156908	7021	ADP Central Processi	COMPUTER, NOTEBOOK	09/26/2003	SS-1105	\$ 2,824.00
1941496	7021	ADP Central Processi	COMPUTER, MICRO	04/13/2001	SS-1105	\$ 2,906.00
1941507	7021	ADP Central Processi	COMPUTER, MICRO	04/13/2001	SS-1105	\$ 2,906.00
1941928	7021	ADP Central Processi	COMPUTER, MICRO	11/19/2001	SS-1105	\$ 2,906.00
1941931	7021	ADP Central Processi	COMPUTER, MICRO	11/19/2001	SS-1105	\$ 2,906.00
1941932	7021	ADP Central Processi	COMPUTER, MICRO	11/19/2001	SS-1105	\$ 2,906.00
2510491	7021	ADP Central Processi	SERVER, RACKMOUNT	04/14/2006	SS-9121	\$ 2,974.00
2510493	7021	ADP Central Processi	SERVER, RACKMOUNT	04/14/2006	SS-9323	\$ 2,974.00
1541697	7021	ADP Central Processi	COMPUTER, MICRO	09/26/1996	SS-1105	\$ 3,000.00
1939678	7021	ADP Central Processi	COMPUTER, MICRO	09/30/1998	SS-1105	\$ 3,000.00
1939679	7021	ADP Central Processi	COMPUTER, MICRO	09/30/1998	SS-1105	\$ 3,000.00
2158622	7021	ADP Central Processi	COMPUTER, LAPTOP	03/27/2007	SS-3204	\$ 3,088.00
2156851	7021	ADP Central Processi	COMPUTER, LAPTOP	09/10/2003	SS-1105	\$ 3,160.00
1941664	7021	ADP Central Processi	COMPUTER, MICRO	07/06/2001	SS-1105	\$ 3,253.00
1941665	7021	ADP Central Processi	COMPUTER, MICRO	07/06/2001	SS-1105	\$ 3,253.00
1941646	7021	ADP Central Processi	COMPUTER, MICRO	06/27/2001	SS-1105	\$ 3,273.00
1941647	7021	ADP Central Processi	COMPUTER, MICRO	06/27/2001	SS-1105	\$ 3,273.00
1941648	7021	ADP Central Processi	COMPUTER, MICRO	06/27/2001	SS-1105	\$ 3,273.00
1912011	7021	ADP Central Processi	COMPUTER, MICRO	12/23/1997	SS-1105	\$ 3,335.00
1912018	7021	ADP Central Processi	COMPUTER, MICRO	12/23/1997	SS-1105	\$ 3,335.00
2156286	7021	ADP Central Processi	COMPUTER, MICRO	01/22/2003	SS-1105	\$ 3,410.00
2156287	7021	ADP Central Processi	COMPUTER, MICRO	01/22/2003	SS-1105	\$ 3,410.00
2317626	7021	ADP Central Processi	COMPUTER, MICRO	10/17/2011	SS-1105	\$ 3,463.00
1941210	7021	ADP Central Processi	COMPUTER, MICRO	10/13/2000	SS-1105	\$ 3,725.00
1541617	7021	ADP Central Processi	COMPUTER, MICRO	10/29/1996	SS-1105	\$ 3,831.00
1939196	7021	ADP Central Processi	COMPUTER, MICRO	08/14/1998	SS-1105	\$ 3,854.00
1941560	7021	ADP Central Processi	COMPUTER, MICRO	04/17/2001	SS-1105	\$ 4,086.00
1324901	7021	ADP Central Processi	COMPUTER, MICRO	10/04/1994	SS-1105	\$ 5,826.00
1324976	7021	ADP Central Processi	COMPUTER, MICRO	10/04/1994	SS-1105	\$ 5,826.00
2157373	7021	ADP Central Processi	COMPUTER, MICRO	08/06/2004	SS-1105	\$ 5,833.00
2156343	7021	ADP Central Processi	COMPUTER, MICRO	03/07/2003	SS-1105	\$ 5,896.00
1939218	7021	ADP Central Processi	COMPUTER, MICRO	08/21/1998	SS-1105	\$ 6,000.00
1939219	7021	ADP Central Processi	COMPUTER, MICRO	08/21/1998	SS-1105	\$ 6,000.00
2570831	7021	ADP Central Processi	SERVER, RACKMOUNT	09/10/2008	SS-8000	\$ 6,004.00
2570836	7021	ADP Central Processi	SERVER, RACKMOUNT	09/10/2008	SS-8000	\$ 6,004.00
2158394	7021	ADP Central Processi	WORKSTATION	09/26/2006	SS-1105	\$ 6,505.00
2591194	7021	ADP Central Processi	SERVER	06/10/2013	SS-8000	\$ 6,531.00
2591195	7021	ADP Central Processi	SERVER	06/10/2013	SS-8000	\$ 6,531.00
1629869	7021	ADP Central Processi	SERVER	09/01/2010	SS-9323	\$ 6,740.00
1655833	7021	ADP Central Processi	SERVER, COMPUTER	08/11/2010	SS-1201	\$ 6,858.00
2541835	7021	ADP Central Processi	SERVER, RACKMOUNT	07/20/2006	SS-9323	\$ 6,944.00
2541859	7021	ADP Central Processi	SERVER, RACKMOUNT	07/20/2006	SS-9323	\$ 6,944.00
2156402	7021	ADP Central Processi	COMPUTER, MICRO	04/15/2003	SS-8000	\$ 7,318.00
1667154	7021	ADP Central Processi	SERVER, RACKMOUNT	01/24/2005	SS-9323	\$ 7,328.00
2545944	7021	ADP Central Processi	SERVER, RACKMOUNT	10/15/2008	SS-8000	\$ 7,715.00
2545949	7021	ADP Central Processi	SERVER, RACKMOUNT	10/15/2008	SS-8000	\$ 7,715.00
2156547	7021	ADP Central Processi	COMPUTER, MICRO	06/04/2003	SS-1105	\$ 8,322.00
1941038	7021	ADP Central Processi	COMPUTER, MICRO	06/15/2000	SS-1105	\$ 8,827.00
2343676	7021	ADP Central Processi	WORKSTATION	09/26/2012	SS-1105	\$ 9,393.00
2343677	7021	ADP Central Processi	WORKSTATION	09/26/2012	SS-1105	\$ 9,393.00
2544834	7021	ADP Central Processi	COMPUTER, MICRO	12/07/2011	SS-1201	\$ 9,520.00

2156401	7021	ADP Central Processi	COMPUTER, MICRO	04/15/2003	SS-8000	\$ 10,523.00
2545931	7021	ADP Central Processi	SERVER, RACKMOUNT	10/15/2008	SS-8000	\$ 11,729.00
2158395	7021	ADP Central Processi	WORKSTATION	09/27/2006	SS-1105	\$ 14,455.00
1941635	7021	ADP Central Processi	COMPUTER, MICRO	06/12/2001	SS-1105	\$ 18,376.00
2545876	7021	ADP Central Processi	SERVER, RACKMOUNT	10/08/2008	SS-8000	\$ 18,589.00
1940401	7021	ADP Central Processi	COMPUTER, MICRO	06/21/1999	SS-1105	\$ 88,390.00
<b>Federal Supply Classification 7025/7035 - ADP Input/Output and Storage Devices</b>						
1939243	7025	ADP Input/Output and	DISPLAY UNIT	08/02/1998	SS-1105	\$ 500.00
1939675	7025	ADP Input/Output and	DISPLAY UNIT	09/30/1998	SS-1105	\$ 500.00
1939680	7025	ADP Input/Output and	DISPLAY UNIT	09/30/1998	SS-1105	\$ 500.00
1939681	7025	ADP Input/Output and	DISPLAY UNIT	09/30/1998	SS-1105	\$ 500.00
1624180	7025	ADP Input/Output and	SWITCH, GIGABIT	08/26/2005	SS-9323	\$ 503.00
G033743	7025	ADP Input/Output and	DISPLAY UNIT	04/10/1989	SS-1105	\$ 573.00
2156707	7025	ADP Input/Output and	PRINTER, ADP	07/16/2003	SS-1110	\$ 579.00
1623301	7025	ADP Input/Output and	DISPLAY UNIT	08/06/2003	SS-1105	\$ 598.00
1941211	7025	ADP Input/Output and	DISPLAY UNIT	10/13/2000	SS-1105	\$ 600.00
2156180	7025	ADP Input/Output and	DISPLAY UNIT	10/17/2002	SS-1105	\$ 606.00
2157669	7025	ADP Input/Output and	PRINTER, ADP	04/21/2005	SS-1105	\$ 607.00
3053472	7025	ADP Input/Output and	DISPLAY UNIT	08/25/2004	SS-8000	\$ 616.00
2156616	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156617	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1100	\$ 620.00
2156618	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156619	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156620	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156621	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156622	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156623	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156625	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156626	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156627	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156629	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156630	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156631	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-9121	\$ 620.00
2156632	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156633	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156634	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156635	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-3204	\$ 620.00
2156636	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1100	\$ 620.00
2156637	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156638	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1100	\$ 620.00
2156639	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-9121	\$ 620.00
2156640	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156641	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156642	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156643	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156644	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156646	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156648	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156649	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1100	\$ 620.00
2156650	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156652	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156653	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156654	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156655	7025	ADP Input/Output and	DISPLAY UNIT	07/09/2003	SS-1105	\$ 620.00
2156814	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156815	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156816	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156817	7025	ADP Input/Output and	DISPLAY UNIT	09/03/2003	SS-1105	\$ 620.00
2156819	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156820	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156821	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156822	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-1105	\$ 620.00
2156823	7025	ADP Input/Output and	DISPLAY UNIT	09/02/2003	SS-9121	\$ 620.00
2158014	7025	ADP Input/Output and	DISPLAY UNIT	11/04/2005	SS-1105	\$ 620.00
2158015	7025	ADP Input/Output and	DISPLAY UNIT	11/04/2005	SS-1105	\$ 620.00
1323811	7025	ADP Input/Output and	DISK DRIVE UNIT	02/23/1994	SS-1105	\$ 671.00
812279	7025	ADP Input/Output and	DISPLAY UNIT	01/16/1990	SS-1105	\$ 680.00
1623269	7025	ADP Input/Output and	DISPLAY UNIT	06/04/2003	SS-1105	\$ 689.00
1623222	7025	ADP Input/Output and	DISPLAY UNIT	03/07/2003	SS-1105	\$ 746.00
1623223	7025	ADP Input/Output and	DISPLAY UNIT	03/07/2003	SS-1105	\$ 746.00
1623252	7025	ADP Input/Output and	DISPLAY UNIT	05/02/2003	SS-1105	\$ 746.00
41909	7025	ADP Input/Output and	PRINTER, ADP	05/05/1997	SS-1105	\$ 759.00
415225	7025	ADP Input/Output and	MIRROR OPTIC	05/25/1982	SS-1105	\$ 782.00
415250	7025	ADP Input/Output and	ROTATOR, MOTORIZED	08/03/1983	SS-1105	\$ 825.00



2157709	7025	ADP Input/Output and	DISPLAY UNIT	06/01/2005	SS-1105	\$ 832.00
2157710	7025	ADP Input/Output and	DISPLAY UNIT	06/01/2005	SS-1105	\$ 832.00
1324912	7025	ADP Input/Output and	DISPLAY UNIT	10/04/1994	SS-1105	\$ 842.00
1324918	7025	ADP Input/Output and	DISPLAY UNIT	10/04/1994	SS-1105	\$ 842.00
1324949	7025	ADP Input/Output and	DISPLAY UNIT	10/04/1994	SS-1105	\$ 842.00
1324950	7025	ADP Input/Output and	DISPLAY UNIT	10/04/1994	SS-1105	\$ 842.00
2343679	7025	ADP Input/Output and	DISPLAY UNIT	09/26/2012	SS-1105	\$ 846.00
2343680	7025	ADP Input/Output and	DISPLAY UNIT	09/26/2012	SS-1105	\$ 846.00
2343681	7025	ADP Input/Output and	DISPLAY UNIT	09/26/2012	SS-1105	\$ 846.00
2343682	7025	ADP Input/Output and	DISPLAY UNIT	09/26/2012	SS-1105	\$ 846.00
2263795	7025	ADP Input/Output and	DISPLAY UNIT	01/23/2008	SS-1105	\$ 847.00
1939169	7025	ADP Input/Output and	DISPLAY UNIT	08/18/1998	SS-1105	\$ 851.00
34623	7025	ADP Input/Output and	PRINTER, ADP	03/12/1997	SS-1105	\$ 860.00
2156703	7025	ADP Input/Output and	DISPLAY UNIT	07/10/2003	SS-1105	\$ 870.00
415171	7025	ADP Input/Output and	ERASER, MAGNETIC	07/26/1977	SS-1105	\$ 895.00
2156219	7025	ADP Input/Output and	DISPLAY UNIT	12/03/2002	SS-1105	\$ 900.00
1940448	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/21/1999	SS-1105	\$ 1,000.00
2253679	7025	ADP Input/Output and	DISPLAY UNIT	08/15/2012	SS-9323	\$ 1,020.00
2157704	7025	ADP Input/Output and	DISPLAY UNIT	05/31/2005	SS-1105	\$ 1,043.00
2344211	7025	ADP Input/Output and	DISPLAY UNIT, RACKMOUNT	04/17/2013	SS-9323	\$ 1,050.00
2344212	7025	ADP Input/Output and	DISPLAY UNIT, RACKMOUNT	04/17/2013	SS-9323	\$ 1,050.00
1623208	7025	ADP Input/Output and	DISPLAY UNIT	01/22/2003	SS-8000	\$ 1,069.00
1623209	7025	ADP Input/Output and	DISPLAY UNIT	01/22/2003	SS-1105	\$ 1,069.00
2157352	7025	ADP Input/Output and	PRINTER, ADP	08/26/2004	SS-1105	\$ 1,087.00
2251752	7025	ADP Input/Output and	SERVER	11/10/2008	SS-9323	\$ 1,108.00
2253551	7025	ADP Input/Output and	MONITOR, TOUCHSCREEN	04/05/2012	SS-1105	\$ 1,119.00
2251964	7025	ADP Input/Output and	DOCKING STATION	04/03/2009	SS-8000	\$ 1,125.00
2157307	7025	ADP Input/Output and	DISPLAY UNIT	07/12/2004	SS-1200	\$ 1,130.00
1323817	7025	ADP Input/Output and	TAPE BACKUP DRIVE	02/23/1994	SS-1105	\$ 1,150.00
G034915	7025	ADP Input/Output and	DISK DRIVE UNIT	11/09/1989	SS-1110	\$ 1,200.00
1941476	7025	ADP Input/Output and	DISPLAY UNIT	04/06/2001	SS-1105	\$ 1,210.00
1941724	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 1,236.00
1941725	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 1,236.00
2157371	7025	ADP Input/Output and	DISPLAY UNIT	08/06/2004	SS-1105	\$ 1,238.00
2157372	7025	ADP Input/Output and	DISPLAY UNIT	08/06/2004	SS-1105	\$ 1,238.00
2158397	7025	ADP Input/Output and	PRINTER, ADP	09/27/2006	SS-1105	\$ 1,265.00
2155999	7025	ADP Input/Output and	PRINTER, ADP	08/13/2002	SS-1105	\$ 1,278.00
2158153	7025	ADP Input/Output and	DISPLAY UNIT	04/07/2006	SS-4010	\$ 1,288.00
1623264	7025	ADP Input/Output and	SERVER	05/01/2003	SS-1105	\$ 1,334.00
1941190	7025	ADP Input/Output and	TAPE DRIVE UNIT	09/15/2000	SS-1105	\$ 1,365.00
1670539	7025	ADP Input/Output and	SWITCHER, MATRIX	02/28/2006	SS-1105	\$ 1,453.00
1323843	7025	ADP Input/Output and	PRINTER, ADP	02/28/1994	SS-1105	\$ 1,460.00
1941683	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/19/2001	SS-1105	\$ 1,462.00
2252643	7025	ADP Input/Output and	PRINTER, THERMAL TRANSFER	08/09/2010	SS-3204	\$ 1,556.00
2252648	7025	ADP Input/Output and	PRINTER, THERMAL TRANSFER	08/10/2010	SS-3204	\$ 1,556.00
3054843	7025	ADP Input/Output and	DISPLAY UNIT, DRAWER MOUNTED	01/26/2005	SS-8000	\$ 1,601.00
2157033	7025	ADP Input/Output and	DISPLAY UNIT	01/15/2004	SS-1105	\$ 1,655.00
2158217	7025	ADP Input/Output and	HARD DRIVE UNIT	06/09/2006	SS-1105	\$ 1,663.00
2158218	7025	ADP Input/Output and	HARD DRIVE UNIT	06/09/2006	SS-1105	\$ 1,663.00
1940244	7025	ADP Input/Output and	PRINTER, ADP	05/12/1999	SS-1100	\$ 1,739.00
1941790	7025	ADP Input/Output and	PRINTER, ADP	09/17/2001	SS-1105	\$ 1,752.00
1941457	7025	ADP Input/Output and	PRINTER, ADP	03/21/2001	SS-1105	\$ 1,753.00
1671387	7025	ADP Input/Output and	DISK ARRAY	03/10/2010	SS-9323	\$ 1,776.00
2156753	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
2156756	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
2156757	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
2156758	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
2156759	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
2156760	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
2156761	7025	ADP Input/Output and	DISPLAY UNIT	07/29/2003	SS-1105	\$ 1,849.00
1623945	7025	ADP Input/Output and	SERVER	12/16/2004	SS-1105	\$ 1,872.00
1910691	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/29/1997	SS-1105	\$ 1,914.00
1910694	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/29/1997	SS-1105	\$ 1,914.00
1940366	7025	ADP Input/Output and	DISPLAY UNIT	05/10/1999	SS-1105	\$ 1,916.00
2157150	7025	ADP Input/Output and	DISPLAY UNIT	03/22/2004	SS-1105	\$ 2,011.00
2156403	7025	ADP Input/Output and	PRINTER, ADP	04/16/2003	SS-1201	\$ 2,040.00
1624057	7025	ADP Input/Output and	HARD DRIVE UNIT	07/21/2005	SS-1105	\$ 2,103.00
1623690	7025	ADP Input/Output and	DISPLAY UNIT	05/28/2004	SS-1105	\$ 2,109.00
1623691	7025	ADP Input/Output and	DISPLAY UNIT	05/28/2004	SS-1105	\$ 2,109.00
1623692	7025	ADP Input/Output and	DISPLAY UNIT	05/28/2004	SS-1105	\$ 2,109.00
2158359	7025	ADP Input/Output and	COMPUTER, MICRO	09/20/2006	SS-8000	\$ 2,119.00
2158360	7025	ADP Input/Output and	COMPUTER, MICRO	09/20/2006	SS-1201	\$ 2,119.00
1324606	7025	ADP Input/Output and	TAPE DRIVE UNIT	08/02/1994	SS-1110	\$ 2,125.00
1324764	7025	ADP Input/Output and	PRINTER, ADP	09/08/1994	SS-1105	\$ 2,138.00
1324600	7025	ADP Input/Output and	PRINTER, ADP	08/01/1994	SS-1105	\$ 2,146.00

2253176	7025	ADP Input/Output and	DRIVE, MEMORY CARD	06/15/2011	SS-1105	\$ 2,165.00
1910211	7025	ADP Input/Output and	DISK DRIVE UNIT	07/02/1997	SS-1105	\$ 2,182.00
2157689	7025	ADP Input/Output and	DISPLAY UNIT	05/25/2005	SS-1100	\$ 2,243.00
2157690	7025	ADP Input/Output and	DISPLAY UNIT	05/25/2005	SS-1100	\$ 2,243.00
1941697	7025	ADP Input/Output and	SEVER	08/01/2001	SS-1105	\$ 2,280.00
1941698	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,280.00
1941705	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,280.00
1941707	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,280.00
2157964	7025	ADP Input/Output and	DISPLAY UNIT	10/04/2005	SS-1200	\$ 2,281.00
2156355	7025	ADP Input/Output and	ENCLOSURE, RACK	01/03/2003	SS-1105	\$ 2,363.00
1941867	7025	ADP Input/Output and	SERVER	10/04/2001	SS-1105	\$ 2,364.00
1941097	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/26/2000	SS-1105	\$ 2,399.00
2156563	7025	ADP Input/Output and	PRINTER, ADP	06/24/2003	SS-1105	\$ 2,459.00
2158650	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158651	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158652	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158653	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158654	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158655	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158656	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158657	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158658	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158659	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158660	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158661	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158662	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158663	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158664	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158665	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158666	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158668	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158669	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158670	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158671	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158673	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158674	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158676	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158678	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158680	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158681	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158682	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158683	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158684	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158685	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158687	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158688	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158689	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158690	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158692	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158693	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158694	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
2158695	7025	ADP Input/Output and	SERVER	04/03/2007	SS-9323	\$ 2,515.00
1324849	7025	ADP Input/Output and	DISK DRIVE UNIT	09/27/1994	SS-1105	\$ 2,550.00
1324850	7025	ADP Input/Output and	DISK DRIVE UNIT	09/27/1994	SS-1105	\$ 2,550.00
1324851	7025	ADP Input/Output and	DISK DRIVE UNIT	09/27/1994	SS-1105	\$ 2,550.00
1623944	7025	ADP Input/Output and	SERVER	12/16/2004	SS-1105	\$ 2,671.00
1323385	7025	ADP Input/Output and	DISK DRIVE UNIT	09/25/1992	SS-1105	\$ 2,695.00
2156399	7025	ADP Input/Output and	DISPLAY UNIT	04/15/2003	SS-1105	\$ 2,784.00
2156400	7025	ADP Input/Output and	DISPLAY UNIT	04/15/2003	SS-1105	\$ 2,784.00
1941691	7025	ADP Input/Output and	SERVER	07/25/2001	SS-1105	\$ 2,820.00
1941701	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,820.00
1941702	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,820.00
1941708	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,820.00
1941709	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 2,820.00
2155761	7025	ADP Input/Output and	SERVER	03/06/2002	SS-1105	\$ 2,820.00
2253482	7025	ADP Input/Output and	SWITCH	04/02/2012	SS-9323	\$ 2,897.00
2158358	7025	ADP Input/Output and	SERVER	09/20/2006	SS-1201	\$ 2,951.00
2607568	7025	ADP Input/Output and	SERVER	02/15/2013	SS-8000	\$ 3,014.00
2158213	7025	ADP Input/Output and	SERVER	06/06/2006	SS-9121	\$ 3,137.00
2158214	7025	ADP Input/Output and	SERVER	06/06/2006	SS-1105	\$ 3,137.00
1671323	7025	ADP Input/Output and	STORAGE SYSTEM, ARRAY	08/26/2009	JS-46	\$ 3,165.00
1671324	7025	ADP Input/Output and	STORAGE SYSTEM, ARRAY	08/26/2009	JS-46	\$ 3,165.00
1671325	7025	ADP Input/Output and	STORAGE SYSTEM, ARRAY	08/26/2009	JS-46	\$ 3,165.00
1624033	7025	ADP Input/Output and	CONTROLLER, NETLINK	05/20/2005	SS-1105	\$ 3,270.00
2157632	7025	ADP Input/Output and	SERVER	04/11/2005	SS-9323	\$ 3,350.00



2157633	7025	ADP Input/Output and	SERVER	04/11/2005	SS-9323	\$ 3,350.00
1324797	7025	ADP Input/Output and	PRINTER, ADP	09/19/1994	SS-1105	\$ 3,354.00
2158066	7025	ADP Input/Output and	HARD DRIVE UNIT	12/14/2005	SS-1105	\$ 3,387.00
2158067	7025	ADP Input/Output and	HARD DRIVE UNIT	12/14/2005	SS-1105	\$ 3,387.00
2158614	7025	ADP Input/Output and	SERVER	03/13/2007	SS-3225	\$ 3,472.00
2253688	7025	ADP Input/Output and	COMPUTER, MICRO	08/17/2012	SS-9121	\$ 3,513.00
2253689	7025	ADP Input/Output and	COMPUTER, MICRO	08/17/2012	SS-9121	\$ 3,513.00
2253690	7025	ADP Input/Output and	COMPUTER, MICRO	08/17/2012	SS-9121	\$ 3,513.00
2253691	7025	ADP Input/Output and	COMPUTER, MICRO	08/17/2012	SS-9121	\$ 3,513.00
2253692	7025	ADP Input/Output and	COMPUTER, MICRO	08/17/2012	SS-9121	\$ 3,513.00
2253693	7025	ADP Input/Output and	COMPUTER, MICRO	08/17/2012	SS-9121	\$ 3,513.00
2607479	7025	ADP Input/Output and	WORKSTATION, DESKTOP	01/09/2013	SS-9121	\$ 3,524.00
2607480	7025	ADP Input/Output and	WORKSTATION, DESKTOP	01/09/2013	SS-1201	\$ 3,524.00
2158332	7025	ADP Input/Output and	SWITCH, BROCADE CHANNEL	08/28/2006	JS-46	\$ 3,592.00
2158605	7025	ADP Input/Output and	SERVER	03/09/2007	SS-1201	\$ 3,751.00
2158606	7025	ADP Input/Output and	SERVER	03/09/2007	SS-1201	\$ 3,751.00
2252183	7025	ADP Input/Output and	STORAGE SYSTEM, DISK ARRAY	08/19/2009	SS-9323	\$ 3,817.00
2252184	7025	ADP Input/Output and	STORAGE SYSTEM, DISK ARRAY	08/19/2009	SS-9323	\$ 3,817.00
2252185	7025	ADP Input/Output and	STORAGE SYSTEM, DISK ARRAY	08/19/2009	SS-9323	\$ 3,817.00
2156718	7025	ADP Input/Output and	DISPLAY UNIT	07/21/2003	SS-8306	\$ 3,822.00
2156719	7025	ADP Input/Output and	DISPLAY UNIT	07/21/2003	SS-1105	\$ 3,822.00
2252792	7025	ADP Input/Output and	DISPLAY UNIT	09/16/2010	SS-1105	\$ 4,000.00
2252793	7025	ADP Input/Output and	DISPLAY UNIT	09/16/2010	SS-1105	\$ 4,000.00
1941695	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 4,116.00
1941696	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 4,116.00
1941767	7025	ADP Input/Output and	SERVER	09/04/2001	SS-1105	\$ 4,116.00
1941768	7025	ADP Input/Output and	SERVER	09/04/2001	SS-1105	\$ 4,116.00
1941769	7025	ADP Input/Output and	SERVER	09/04/2001	SS-1105	\$ 4,116.00
1671027	7025	ADP Input/Output and	STORAGE SYSTEM, RAID	06/01/2007	SS-9323	\$ 4,249.00
2157999	7025	ADP Input/Output and	SERVER	11/01/2005	SS-8000	\$ 4,300.00
446931	7025	ADP Input/Output and	ANALYZER, DATA	05/14/1981	SS-1105	\$ 4,410.00
1941703	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 4,457.00
2158497	7025	ADP Input/Output and	PRINTER, ADP	01/25/2007	SS-9121	\$ 4,480.00
1670780	7025	ADP Input/Output and	SERVER	12/21/2006	SS-9323	\$ 4,483.00
1670781	7025	ADP Input/Output and	SERVER	12/21/2006	SS-9323	\$ 4,483.00
2158073	7025	ADP Input/Output and	SERVER	12/27/2005	SS-9323	\$ 4,556.00
2251737	7025	ADP Input/Output and	SWITCH, BROCADE	10/31/2008	SS-9323	\$ 4,750.00
2158074	7025	ADP Input/Output and	DATA RECOVERY SYSTEM	12/28/2005	SS-1105	\$ 4,791.00
2253433	7025	ADP Input/Output and	MONITOR, TOUCHSCREEN	02/27/2012	SS-1105	\$ 4,798.00
1941706	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 4,813.00
2251462	7025	ADP Input/Output and	INTEGRATOR, NETWORK	06/11/2008	SS-1201	\$ 4,830.00
2251463	7025	ADP Input/Output and	INTEGRATOR, NETWORK	06/11/2008	SS-8000	\$ 4,830.00
2251464	7025	ADP Input/Output and	INTEGRATOR, NETWORK	06/11/2008	JS-46	\$ 4,830.00
1941694	7025	ADP Input/Output and	SERVER	08/01/2001	SS-1105	\$ 4,949.00
2158646	7025	ADP Input/Output and	SERVER	03/26/2007	SS-1105	\$ 4,980.00
2156302	7025	ADP Input/Output and	RACK ENCLOSURE, 8-CHANNEL	02/05/2003	SS-1105	\$ 4,995.00
2250710	7025	ADP Input/Output and	SERVER	03/30/2007	SS-8000	\$ 5,000.00
1671282	7025	ADP Input/Output and	SERVER	07/23/2009	SS-9323	\$ 5,090.00
2250984	7025	ADP Input/Output and	SERVER	08/06/2007	SS-1201	\$ 5,150.00
2607522	7025	ADP Input/Output and	SERVER	01/22/2013	SS-4110	\$ 5,198.00
2607523	7025	ADP Input/Output and	SERVER	01/22/2013	SS-1105	\$ 5,198.00
2607524	7025	ADP Input/Output and	SERVER	01/22/2013	SS-9323	\$ 5,198.00
2607525	7025	ADP Input/Output and	SERVER	01/22/2013	SS-4010	\$ 5,198.00
2607526	7025	ADP Input/Output and	SERVER	01/22/2013	SS-9323	\$ 5,198.00
2252982	7025	ADP Input/Output and	STORAGE SYSTEM, ARRAY	05/23/2011	SS-1110	\$ 5,200.00
2591196	7025	ADP Input/Output and	DISK ARRAY	06/10/2013	SS-8000	\$ 5,259.00
2157357	7025	ADP Input/Output and	SERVER	08/27/2004	SS-1201	\$ 5,352.00
2250771	7025	ADP Input/Output and	SERVER	04/24/2007	SS-9323	\$ 5,352.00
2157821	7025	ADP Input/Output and	SERVER	08/01/2005	SS-9323	\$ 5,359.00
2252863	7025	ADP Input/Output and	SCANNER, COLOR	01/18/2011	SS-3204	\$ 5,430.00
2252840	7025	ADP Input/Output and	SCANNER, COLOR	11/29/2010	SS-3204	\$ 5,480.00
2158411	7025	ADP Input/Output and	SERVER	10/10/2006	SS-9323	\$ 5,519.00
2251199	7025	ADP Input/Output and	SERVER	11/16/2007	SS-8000	\$ 5,530.00
2251156	7025	ADP Input/Output and	SERVER	10/26/2007	SS-9323	\$ 5,549.00
1623875	7025	ADP Input/Output and	CONTROLLER	07/22/2004	SS-1105	\$ 5,645.00
2250737	7025	ADP Input/Output and	SERVER	04/17/2007	SS-8000	\$ 5,750.00
1671365	7025	ADP Input/Output and	SERVER	12/10/2009	SS-8000	\$ 5,860.00
1671366	7025	ADP Input/Output and	SERVER	12/10/2009	SS-1201	\$ 5,860.00
2250712	7025	ADP Input/Output and	SERVER	04/02/2007	SS-1201	\$ 5,900.00
2157838	7025	ADP Input/Output and	SERVER	08/11/2005	SS-9323	\$ 5,930.00
1671326	7025	ADP Input/Output and	SERVER	08/27/2009	SS-9323	\$ 5,932.00
2251679	7025	ADP Input/Output and	SWITCH, KVM	09/15/2008	SS-9323	\$ 6,116.00
1671156	7025	ADP Input/Output and	SWITCH, KVM	04/16/2008	JS-46	\$ 6,198.00
2252108	7025	ADP Input/Output and	STORAGE SYSTEM, RAID	06/26/2009	SS-9323	\$ 6,200.00
2252981	7025	ADP Input/Output and	STORAGE SYSTEM, ARRAY	05/23/2011	SS-9323	\$ 6,200.00

2252783	7025	ADP Input/Output and	COMPUTER, LAPTOP	09/07/2010	SS-9121	\$ 6,217.00
2251205	7025	ADP Input/Output and	SERVER	11/27/2007	SS-9323	\$ 6,272.00
1671322	7025	ADP Input/Output and	STORAGE SYSTEM, ARRAY	08/26/2009	JS-46	\$ 6,368.00
2544396	7025	ADP Input/Output and	SERVER	08/11/2010	SS-8000	\$ 6,432.00
2156395	7025	ADP Input/Output and	SERVER	04/15/2003	SS-8000	\$ 6,510.00
2544476	7025	ADP Input/Output and	SERVER	08/20/2010	SS-8000	\$ 6,701.00
2544477	7025	ADP Input/Output and	SERVER	08/20/2010	SS-8000	\$ 6,701.00
2158648	7025	ADP Input/Output and	SERVER	03/27/2007	SS-1201	\$ 6,763.00
2344235	7025	ADP Input/Output and	SWITCH, BROCADE	06/07/2013	SS-9323	\$ 6,774.00
2344236	7025	ADP Input/Output and	SWITCH, BROCADE	06/07/2013	SS-9323	\$ 6,774.00
2344237	7025	ADP Input/Output and	SWITCH, BROCADE	06/07/2013	SS-9323	\$ 6,774.00
1910687	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/29/1997	SS-1105	\$ 7,194.00
1910688	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/29/1997	SS-1105	\$ 7,194.00
1910690	7025	ADP Input/Output and	TAPE DRIVE UNIT	07/29/1997	SS-1105	\$ 7,194.00
1624031	7025	ADP Input/Output and	DISPLAY UNIT	05/20/2005	SS-1110	\$ 7,196.00
2156394	7025	ADP Input/Output and	SERVER	04/15/2003	SS-8000	\$ 7,223.00
2158310	7025	ADP Input/Output and	SERVER	08/15/2006	SS-1201	\$ 7,292.00
1671331	7025	ADP Input/Output and	SERVER	09/17/2009	SS-9323	\$ 7,372.00
1671332	7025	ADP Input/Output and	SERVER	09/17/2009	SS-9323	\$ 7,372.00
2585539	7025	ADP Input/Output and	SERVER	09/24/2010	SS-1105	\$ 7,521.00
2585541	7025	ADP Input/Output and	SERVER	09/24/2010	SS-1105	\$ 7,521.00
2252212	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-9323	\$ 7,665.00
2252213	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-1105	\$ 7,665.00
2252214	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-4010	\$ 7,665.00
2252215	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-4110	\$ 7,665.00
2252216	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-9121	\$ 7,665.00
2252217	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-9323	\$ 7,665.00
2544914	7025	ADP Input/Output and	SERVER	09/15/2011	SS-8000	\$ 7,707.00
2544376	7025	ADP Input/Output and	SERVER	08/10/2010	SS-8000	\$ 7,738.00
2544395	7025	ADP Input/Output and	SERVER	08/11/2010	SS-8000	\$ 7,738.00
2251611	7025	ADP Input/Output and	SERVER	08/04/2008	SS-9323	\$ 7,956.00
2544577	7025	ADP Input/Output and	SERVER	12/20/2010	SS-9323	\$ 8,024.00
2251475	7025	ADP Input/Output and	SERVER	06/16/2008	SS-9323	\$ 8,151.00
2251137	7025	ADP Input/Output and	SERVER	10/05/2007	SS-9323	\$ 8,165.00
2251138	7025	ADP Input/Output and	SERVER	10/05/2007	SS-9323	\$ 8,165.00
2251139	7025	ADP Input/Output and	SERVER	10/05/2007	SS-9323	\$ 8,165.00
2251436	7025	ADP Input/Output and	SERVER	05/13/2008	SS-9323	\$ 8,249.00
2252182	7025	ADP Input/Output and	STORAGE SYSTEM, DISK ARRAY	08/19/2009	SS-9323	\$ 8,357.00
2251000	7025	ADP Input/Output and	SERVER	08/13/2007	SS-8000	\$ 8,362.00
2251001	7025	ADP Input/Output and	SERVER	08/13/2007	SS-1201	\$ 8,362.00
2251480	7025	ADP Input/Output and	SERVER	06/23/2008	SS-8000	\$ 8,373.00
2253616	7025	ADP Input/Output and	SERVER	06/28/2012	SS-9110	\$ 8,707.00
2253617	7025	ADP Input/Output and	SERVER	06/28/2012	SS-1201	\$ 8,707.00
2253618	7025	ADP Input/Output and	SERVER	06/28/2012	SS-1201	\$ 8,707.00
2253619	7025	ADP Input/Output and	SERVER	06/28/2012	SS-9110	\$ 8,707.00
2156708	7025	ADP Input/Output and	SERVER	07/16/2003	SS-1105	\$ 8,802.00
2251201	7025	ADP Input/Output and	SERVER	11/21/2007	SS-9323	\$ 8,841.00
2251202	7025	ADP Input/Output and	SERVER	11/21/2007	SS-9323	\$ 8,841.00
2251203	7025	ADP Input/Output and	SERVER	11/21/2007	SS-9323	\$ 8,841.00
2251204	7025	ADP Input/Output and	SERVER	11/21/2007	SS-9323	\$ 8,841.00
2251645	7025	ADP Input/Output and	SERVER	08/29/2008	SS-9323	\$ 9,030.00
2158346	7025	ADP Input/Output and	SERVER	09/18/2006	JS-46	\$ 9,162.00
2344139	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	01/29/2013	SS-9323	\$ 9,287.00
2545148	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545149	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545150	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545151	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545152	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545153	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545154	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545155	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545156	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545157	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
2545158	7025	ADP Input/Output and	SERVER	04/11/2012	SS-8000	\$ 9,292.00
812342	7025	ADP Input/Output and	EMULATOR	02/21/1990	SS-1105	\$ 9,353.00
2158576	7025	ADP Input/Output and	SERVER	02/28/2007	JS-46	\$ 9,413.00
2158577	7025	ADP Input/Output and	SERVER	02/28/2007	JS-46	\$ 9,413.00
1671122	7025	ADP Input/Output and	STORAGE SYSTEM, RAID	12/14/2007	SS-9323	\$ 9,627.00
2252321	7025	ADP Input/Output and	WORKSTATION	10/06/2009	SS-1105	\$ 9,880.00
2252322	7025	ADP Input/Output and	WORKSTATION	10/06/2009	SS-1105	\$ 9,880.00
2158051	7025	ADP Input/Output and	SERVER	04/07/2004	SS-8000	\$ 10,348.00
1624032	7025	ADP Input/Output and	DISPLAY UNIT	05/20/2005	SS-1100	\$ 10,444.00
2252413	7025	ADP Input/Output and	SERVER	11/11/2009	SS-8000	\$ 11,213.00
1670935	7025	ADP Input/Output and	STORAGE SYSTEM, RAID	02/02/2007	SS-9323	\$ 11,483.00
1671181	7025	ADP Input/Output and	SWITCH, NETWORK	05/12/2008	JS-46	\$ 11,950.00



2158012	7025	ADP Input/Output and	SERVER	10/19/2005	SS-1201	\$ 12,000.00
2250905	7025	ADP Input/Output and	SERVER	06/06/2007	SS-9323	\$ 12,050.00
2545195	7025	ADP Input/Output and	CHASSIS	07/10/2012	SS-1201	\$ 12,092.00
2545238	7025	ADP Input/Output and	SERVER	09/07/2012	SS-9323	\$ 12,359.00
2545239	7025	ADP Input/Output and	SERVER	09/07/2012	SS-9323	\$ 12,359.00
2591197	7025	ADP Input/Output and	DISK ARRAY	06/10/2013	SS-8000	\$ 12,848.00
2544947	7025	ADP Input/Output and	SERVER	01/30/2012	SS-9323	\$ 13,014.00
2607478	7025	ADP Input/Output and	SERVER	01/02/2013	SS-1105	\$ 13,609.00
2544491	7025	ADP Input/Output and	SERVER	09/08/2010	SS-9323	\$ 13,819.00
2544492	7025	ADP Input/Output and	SERVER	09/08/2010	SS-9323	\$ 13,819.00
2544493	7025	ADP Input/Output and	SERVER	09/08/2010	SS-9323	\$ 13,819.00
2544494	7025	ADP Input/Output and	SERVER	09/08/2010	SS-9323	\$ 13,819.00
2544495	7025	ADP Input/Output and	SERVER	09/08/2010	SS-9323	\$ 13,819.00
2544496	7025	ADP Input/Output and	SERVER	09/08/2010	SS-9323	\$ 13,819.00
2545247	7025	ADP Input/Output and	SERVER	09/28/2012	SS-9323	\$ 14,498.00
2545248	7025	ADP Input/Output and	SERVER	09/28/2012	SS-9323	\$ 14,498.00
2545252	7025	ADP Input/Output and	SERVER	09/28/2012	SS-9323	\$ 14,498.00
2545253	7025	ADP Input/Output and	SERVER	09/28/2012	SS-9323	\$ 14,498.00
1671121	7025	ADP Input/Output and	SERVER	11/30/2007	SS-9323	\$ 14,648.00
2157968	7025	ADP Input/Output and	SERVER	10/05/2005	SS-1201	\$ 15,000.00
2545237	7025	ADP Input/Output and	SERVER	09/05/2012	SS-9323	\$ 15,528.00
2252052	7025	ADP Input/Output and	SERVER	11/17/2008	SS-8000	\$ 15,638.00
2250999	7025	ADP Input/Output and	BASE SYSTEM, SECURE ACCESS	08/09/2007	SS-1201	\$ 16,535.00
2607651	7025	ADP Input/Output and	SERVER	08/26/2013	SS-9323	\$ 16,587.00
2607652	7025	ADP Input/Output and	SERVER	08/26/2013	SS-9323	\$ 16,587.00
2158631	7025	ADP Input/Output and	SERVER	03/16/2007	SS-9323	\$ 16,818.00
1671245	7025	ADP Input/Output and	CONTROLLER, NETWORK BASE	10/15/2008	SS-8000	\$ 16,850.00
1671246	7025	ADP Input/Output and	CONTROLLER, NETWORK BASE	10/15/2008	SS-1201	\$ 16,850.00
2544442	7025	ADP Input/Output and	SERVER	08/16/2010	SS-8000	\$ 16,857.00
2607703	7025	ADP Input/Output and	SERVER	02/11/2014	SS-9323	\$ 16,988.00
2607704	7025	ADP Input/Output and	SERVER	02/11/2014	SS-9323	\$ 16,988.00
2607705	7025	ADP Input/Output and	SERVER	02/11/2014	SS-9323	\$ 16,988.00
1671473	7025	ADP Input/Output and	MONITOR, NETWORKING	07/27/2010	SS-8000	\$ 17,028.00
1671474	7025	ADP Input/Output and	MONITOR, NETWORKING	07/27/2010	SS-1201	\$ 17,028.00
2607727	7025	ADP Input/Output and	SERVER	05/16/2014	SS-9121	\$ 17,495.00
2607728	7025	ADP Input/Output and	SERVER	05/16/2014	SS-9121	\$ 17,495.00
2607729	7025	ADP Input/Output and	SERVER	05/16/2014	SS-9121	\$ 17,495.00
2607650	7025	ADP Input/Output and	SERVER	08/26/2013	SS-9323	\$ 18,028.00
2253684	7025	ADP Input/Output and	ARRAY, STORAGE	08/17/2012	SS-9323	\$ 18,154.00
2253685	7025	ADP Input/Output and	ARRAY, STORAGE	08/17/2012	SS-9323	\$ 18,154.00
2253686	7025	ADP Input/Output and	ARRAY, STORAGE	08/17/2012	SS-9323	\$ 18,154.00
2253687	7025	ADP Input/Output and	ARRAY, STORAGE	08/17/2012	SS-9323	\$ 18,154.00
2252423	7025	ADP Input/Output and	SERVER	03/24/2010	SS-9323	\$ 18,257.00
2252218	7025	ADP Input/Output and	PRINTER, ADP	09/03/2009	SS-3204	\$ 18,311.00
2253675	7025	ADP Input/Output and	ARRAY, STORAGE	08/15/2012	SS-9323	\$ 18,832.00
2253676	7025	ADP Input/Output and	ARRAY, STORAGE	08/15/2012	SS-9323	\$ 18,832.00
2253677	7025	ADP Input/Output and	ARRAY, STORAGE	08/15/2012	SS-9323	\$ 18,832.00
2544868	7025	ADP Input/Output and	SERVER	08/29/2011	SS-9323	\$ 19,398.00
2544869	7025	ADP Input/Output and	SERVER	08/29/2011	SS-9323	\$ 19,398.00
1671301	7025	ADP Input/Output and	SERVER	08/05/2009	SS-9121	\$ 19,500.00
2156404	7025	ADP Input/Output and	SERVER	04/17/2003	SS-1105	\$ 20,315.00
2156720	7025	ADP Input/Output and	SERVER	07/21/2003	SS-1105	\$ 20,611.00
2156721	7025	ADP Input/Output and	SERVER	07/21/2003	SS-1105	\$ 20,611.00
1671329	7025	ADP Input/Output and	ARRAY, STORAGE DISK	09/02/2009	SS-9323	\$ 20,754.00
2251467	7025	ADP Input/Output and	TRAY, EXPANSION	06/11/2008	SS-9323	\$ 21,456.00
2251468	7025	ADP Input/Output and	TRAY, EXPANSION	06/11/2008	SS-9323	\$ 21,456.00
2545193	7025	ADP Input/Output and	SWITCH	06/27/2012	SS-9323	\$ 23,092.00
2343607	7025	ADP Input/Output and	SERVER	08/21/2012	SS-9323	\$ 26,105.00
2343608	7025	ADP Input/Output and	SERVER	08/21/2012	SS-9323	\$ 26,105.00
2545214	7025	ADP Input/Output and	SERVER	08/15/2012	SS-9323	\$ 26,105.00
2545215	7025	ADP Input/Output and	SERVER	08/15/2012	SS-9323	\$ 26,105.00
2343609	7025	ADP Input/Output and	SUBSYSTEM, DISK	08/21/2012	SS-9323	\$ 31,176.00
2250721	7025	ADP Input/Output and	BALANCER, IDS	04/06/2007	SS-1201	\$ 37,841.00
2250722	7025	ADP Input/Output and	BALANCER, IDS	04/06/2007	SS-8000	\$ 37,841.00
1671193	7025	ADP Input/Output and	TRAY, EXPANSION	06/05/2008	SS-9323	\$ 44,780.00
1671194	7025	ADP Input/Output and	TRAY, EXPANSION	06/05/2008	SS-9323	\$ 44,780.00
1671195	7025	ADP Input/Output and	TRAY, EXPANSION	06/05/2008	SS-9323	\$ 44,780.00
1671196	7025	ADP Input/Output and	TRAY, EXPANSION	06/05/2008	SS-9323	\$ 44,780.00
2251458	7025	ADP Input/Output and	ARRAY, DISK	06/05/2008	SS-9323	\$ 47,522.00
1623276	7025	ADP Input/Output and	CONTROLLER	06/18/2003	JS-46	\$ 48,429.00
2343655	7025	ADP Input/Output and	SERVER, REMOTE ACCESS	08/31/2012	SS-1201	\$ 52,659.00
2343656	7025	ADP Input/Output and	SERVER, REMOTE ACCESS	08/31/2012	SS-8000	\$ 52,659.00
2545246	7025	ADP Input/Output and	ARRAY, STORAGE	09/17/2012	SS-9323	\$ 64,115.00
2252735	7025	ADP Input/Output and	MONITORING DEVICE, NETWORK	08/26/2010	SS-1201	\$ 64,416.00
1671338	7025	ADP Input/Output and	MONITOR, NETWORK DLP	09/30/2009	SS-1201	\$ 71,433.00

1324795	7025	ADP Input/Output and	CONTROLLER, MERLIN	09/19/1994	SS-1105	\$ 75,293.00
2252211	7025	ADP Input/Output and	SWITCH, FIBRE CHANNEL	09/02/2009	SS-9323	\$ 76,127.00
2251210	7025	ADP Input/Output and	TAPE LIBRARY UNIT	11/30/2007	SS-9323	\$ 143,477.00
2343688	7025	ADP Input/Output and	TAPE LIBRARY SYSTEM	09/25/2012	SS-9323	\$ 226,592.00
2253175	7025	ADP Input/Output and	SERVER	06/13/2011	SS-9323	\$ 334,983.00
1939752	7025	ADP Input/Output and	RECEIVER, DATA	09/23/1998	SS-1105	\$ 602,965.00
2157846	7035	ADP Support Equipmen	SERVER	08/11/2005	SS-9323	\$ 2,150.00
2251119	7035	ADP Support Equipmen	SWITCH, KVM	09/28/2007	SS-8000	\$ 5,899.00
2545226	7035	ADP Support Equipmen	SWITCHING SYSTEM, MONITOR	08/31/2012	SS-9121	\$ 6,926.00
2545227	7035	ADP Support Equipmen	SWITCHING SYSTEM, MONITOR	08/31/2012	SS-9323	\$ 12,820.00
2545228	7035	ADP Support Equipmen	SWITCHING SYSTEM, MONITOR	08/31/2012	SS-9323	\$ 12,820.00
<b>Federal Supply Classification 7195 - Office Furniture</b>						
2344352	7195	Miscellaneous Furnit	LECTERN	10/24/2013	SS-1105	\$ 2,723.00
<b>Federal Supply Classification 7435 - Office Furniture</b>						
1941850	7435	Office Information S	SCANNER, OPTICAL	10/03/2001	SS-1105	\$ 1,011.00
2156769	7435	Office Information S	SCANNER, OPTICAL	07/24/2003	SS-1105	\$ 1,050.00
2156770	7435	Office Information S	SCANNER, OPTICAL	07/24/2003	SS-3204	\$ 1,050.00
2156771	7435	Office Information S	SCANNER, OPTICAL	07/24/2003	SS-3204	\$ 1,050.00
2158500	7435	Office Information S	SCANNER, OPTICAL	01/30/2007	SS-3204	\$ 4,880.00
2250751	7435	Office Information S	SCANNER, OPTICAL	12/23/2005	SS-3204	\$ 59,030.00
2250752	7435	Office Information S	SCANNER, OPTICAL	12/23/2005	SS-3204	\$ 59,030.00
1940495	7490	Miscellaneous Office	SHREDDING MACHINE, PAPER	08/26/1999	SS-9121	\$ 995.00
1940346	7490	Miscellaneous Office	SHREDDING MACHINE, PAPER	06/02/1999	SS-1105	\$ 1,649.00
2155950	7490	Miscellaneous Office	SHREDDING MACHINE, PAPER	07/12/2002	SS-3204	\$ 1,880.00
2158641	7490	Miscellaneous Office	SHREDDING MACHINE, PAPER	03/21/2007	SS-9121	\$ 2,250.00
<b>Federal Supply Classification 7730 - Phonograph, Radio and Television Sets</b>						
2252656	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/12/2010	SS-1105	\$ 539.00
1539253	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/19/1995	SS-1110	\$ 545.00
2253614	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/27/2012	SS-1103	\$ 550.00
2253615	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/27/2012	SS-1103	\$ 550.00
2344405	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	12/19/2013	SS-8000	\$ 625.00
145076	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	02/18/1988	SS-1105	\$ 649.00
396528	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	04/16/1986	SS-1105	\$ 732.00
2344612	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	07/07/2014	SS-1105	\$ 748.00
2344132	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	01/23/2013	SS-8000	\$ 750.00
2158380	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	09/26/2006	SS-1105	\$ 999.00
2158381	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	09/26/2006	SS-9121	\$ 999.00
2158382	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	09/26/2006	SS-1201	\$ 999.00
2343691	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	10/26/2012	SS-1105	\$ 1,054.00
2251641	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/27/2008	SS-9121	\$ 1,168.00
2157099	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	03/03/2004	SS-9121	\$ 1,175.00
2252189	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/28/2009	SS-1100	\$ 1,330.00
2252190	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/28/2009	SS-1100	\$ 1,330.00
2253167	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/09/2011	SS-1105	\$ 1,600.00
2158197	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	05/23/2006	SS-1105	\$ 1,757.00
2252187	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/28/2009	SS-1100	\$ 1,770.00
2252188	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/28/2009	SS-1100	\$ 1,770.00
2253168	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/09/2011	SS-1100	\$ 1,999.00
2253169	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/09/2011	SS-1100	\$ 1,999.00
2251490	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/26/2008	SS-1100	\$ 2,149.00
2251491	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/26/2008	SS-1200	\$ 2,149.00
2251618	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/04/2008	SS-1100	\$ 2,337.00
2251619	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	08/04/2008	SS-1100	\$ 2,337.00
2158384	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	09/26/2006	SS-1105	\$ 2,589.00
2344257	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	07/15/2013	SS-1105	\$ 2,727.00
2344258	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	07/15/2013	SS-1105	\$ 2,727.00
2158287	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	07/28/2006	SS-8000	\$ 3,187.00
2156943	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	10/16/2003	SS-8000	\$ 3,422.00
2156944	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	10/16/2003	SS-8000	\$ 3,422.00
2157980	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	10/17/2005	SS-1100	\$ 3,895.00
2157981	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	10/17/2005	SS-1100	\$ 3,895.00
2157982	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	10/17/2005	SS-1100	\$ 3,895.00
2158024	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	11/10/2005	SS-1100	\$ 3,895.00
2156583	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/30/2003	SS-1105	\$ 4,100.00
2156585	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/30/2003	SS-1105	\$ 4,100.00
2156586	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/30/2003	SS-1105	\$ 4,100.00
2156588	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/30/2003	SS-1105	\$ 4,100.00
1540036	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	03/12/1996	SS-1105	\$ 4,632.00
2156111	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	09/12/2002	SS-1105	\$ 4,979.00
2253178	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/20/2011	SS-1105	\$ 6,178.00
2157711	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/06/2005	SS-1100	\$ 8,275.00
2157712	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/06/2005	SS-1105	\$ 8,275.00

2157713	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	06/06/2005	SS-1100	\$ 8,275.00
2156102	7730	Phonographs, Radios	RECEIVING SET, TELEVISION	09/09/2002	SS-INFINTY	\$ 8,333.00
Overall Result						\$ 9,425,764.46

**RFP NNS15530376R AMENDMENT 003**  
**PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS**  
**ATTACHMENT J-7**  
**INFORMATION TECHNOLOGY SERVICES**  
**LIST OF GOVERNMENT FURNISHED PROPERTY**  
**List 2, "As-Is" (Government will not Repair or Replace)**  
**Government Provided Equipment as of June 2015**

**List is Subject to Change**

CLASS EXCEPTIONS IS GENERAL PURPOSE EQUIPMENT THAT IF LOST OR STOLEN OR UPON COMPLETION OF ITS USEFUL LIFE THE CONTRACTOR WILL BE RESPONSIBLE TO REPLACE IF DEEMED NECESSARY FOR CONTRACT.

ECN	Equipment Description	FSC	Manufacturer Name	Date Acquired	Location	Acquisition Value
2157211	3740	Pest, Disease, and F	SPRAYER, PESTICIDE	04/26/2004	SS-1105	\$ 520.00
1010420	5130	Hand Tools, Power Dr	DRILL, 3/8"	04/30/1990	SS-1201	\$ 645.00
<b>Federal Supply Classification 2330 - Ground Effect Vehicles, Motor Vehicles</b>						
1971246	2330	Trailers	TRAILER, UTILITY	05/13/1999	SS-1110	\$ 3,950.00
2156852	2330	Trailers	TRAILER, ENCLOSED	09/11/2003	SS-8000	\$ 14,314.00
Overall Result						\$ 19,429.00

**RFP NNS15530376R AMENDMENT 003**  
**PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS**  
**ATTACHMENT J-7**  
**INFORMATION TECHNOLOGY SERVICES**  
**List 3, LIST OF GOVERNMENT FURNISHED PROPERTY**  
**List is Subject to Change**

**Government Provided Facilities**  
**As of 7/2014**

**Class**  
 OF - Office Space  
 CUB - Cubical Space  
 TC - Technical Space  
 LA - Laboratory Space  
 CN - Conference Space  
 MS - Miscellaneous Space  
 ST - Storage Space

**Type**  
 1

<b>Building Number</b>	<b>Room Number</b>	<b>Class</b>	<b>Type</b>	<b>Area</b>
1100	153	MS	1	485.3925
1100	159	OF	1	211.2696
1100	159A	MS	1	83.1682
1100	159B	OF	1	156.6355
1100	159C	OF	1	228.8194
1100	159E	OF	1	117.1965
1100	159F	OF	1	127.3674
1100	159G	OF	1	123.7789
1100	159J	OF	1	139.7056
1100	159N	OF	1	96.5348
1100	159R	OF	1	103.1538
1100	161	OF	1	172.2402
1100	161A	OF	1	286.8156
1100	161B	OF	1	127.3463
1100	163	OF	1	96.7348
1100	233	MS	1	268.5266
1100	235	OF	1	127.3583
1100	235A	TC	1	654.9023
1100	238	CR	1	322.0166
1100	238A	OF	1	121.7624
1100	238B	OF	1	121.2675
1100	238C	OF	1	121.3444
1100	238D	OF	1	121.9049
1100	238E	OF	1	116.8097
1100	238F	CUB	1	66.1009
1100	238G	CUB	1	66.6284
1100	238H	CUB	1	66.4942
1100	239B	TC	1	314.4596

Building Number	Room Number	Class	Type	Area
1100	239C	ST	1	29.6774
1105	101	CUB	1	402.2103
1105	101B	MS	1	432.3572
1105	105	OF	1	145.7694
1105	A102	ST	1	470.7021
1105	A105	TC	1	585.3698
1105	A111	CUB	1	226.245
1105	A113	LA	1	565.8842
1105	A113A	LA	1	423.0344
1105	B203	OF	1	295.7797
1105	B209A	CN	1	210.6549
1105	B229	LA	1	687.3504
1105	C-315A	LA	1	575.7555
1105	C-315C	OF	1	57.6014
1105	C-315D	LA	1	93.3825
1105	C302	CUB	1	455.9318
1105	C314	CUB	1	218.8755
1105	C315	LA	1	448.808
1105	D401A	OF	1	155.4323
1105	D401B	OF	1	124.1652
1105	D412	ST	1	630.9799
1105	D412A	OF	1	159.8731
1105	E524	CUB	1	177.625
1105	E524A	OF	1	181.6588
1105	E526A	OF	1	134.943
1105	E528A	OF	1	155.2674
1105	E531	LA	1	290.4699
1105	F605H	OF	1	117.5774
1105	F605L	OF	1	114.0126
1105	F606E	OF	1	164.5194
1105	F608	LA	1	842.1713
1105	G101	OF	1	146.9277
1105	G102	OF	1	144.2527
1105	G105	OF	1	148.5541
1105	G106	OF	1	229.4074
1105	G109	OF	1	44.1537
1105	G109	OF	1	103.0252
1105	G117	OF	1	152.9441
1105	G119	ST	1	389.5151
1105	G120	OF	1	142.2516
1105	G124	OF	1	47.5221
1105	G124	OF	1	110.885
1105	G125	OF	1	73.0438
1105	G125	OF	1	170.4356
1105	G126	OF	1	39.0437
1105	G126	OF	1	91.102

Building Number	Room Number	Class	Type	Area
1105	G128	OF	1	141.3293
1105	G129	OF	1	140.4096
1105	G130	OF	1	126.3053
1201	150	MS	1	128.6992
1201	151	OF	1	272.9271
1201	152	OF	1	97.5658
1201	153	OF	1	99.4551
1201	154	OF	1	82.0039
1201	155	OF	1	81.8859
1201	156	OF	1	90.1198
1201	157	OF	1	197.4626
2204	229A	MS	1	177.15
8202	100	MS	1	32.02
8202	101	ST	1	609.02
9121	130	OF	1	245.5556
9121	131	OF	1	116.9167
9121	132	OF	1	123.0625
9121	133	OF	1	115.2222
9121	135	CN	1	1479.719
9121	136	OF	1	171.2302
9121	138	OF	1	286.5903
9121	147	ST	1	43.4722
9121	150	OF	1	243.1944
9121	153	KT	1	164.4028
9121	154	OF	1	23.1389
9121	155	OF	1	27.8969
9121	156	OF	1	121.2292
9121	157	OF	1	30.8333
9121	158	OF	1	106.6667
9121	159	OF	1	206.6667
9121	160	OF	1	116.9167

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

**ATTACHMENT J-8**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**LIST OF APPLICABLE MANUALS, REGULATIONS AND PROCEDURES**

**SEE TECHNICAL REFERENCE LIBRARY:**

**<https://sscits.ssc.nasa.gov/techlibrary.asp>**

**<http://nodis3.gsfc.nasa.gov/>**



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

**ATTACHMENT J-9**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**CONFLICT OF INTEREST PLAN**

**(TO BE PROVIDED BY OFFEROR)**



# SSC ITS Contract OCI Plan

Revision: Draft

Date: March 11, 2015



REVISION HISTORY TABLE

REVISION	APPROVAL DATE	NATURE OF CHANGES	APPROVED BY
0 (draft)	3/11/2015	Initial draft plan	(b) (4)

(b)(4)



## 1 REFERENCES

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The SaiTech Team has structured this plan in accordance with:

- SSC ITS RFP clauses, including
  - L.I-15 Organizational Conflict of Interest
  - DR M02 Conflict of Interest Plan
- Federal Acquisition Regulations (FAR) Subpart 9.5, Organizational and Consultant Conflicts of Interest

(b)(4)



(b)(4)





(b)(4)

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(b)(4)





(b)(4)

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(b)(4)





(b)(4)



(b)(4)



(b)(4)



Organizational Conflicts of Interest Certification  
NASA Stennis Space Center Information Technology Services  
RFP NNS15530376R

(b)(4)



Organizational Conflicts of Interest Certification  
NASA Stennis Space Center Information Technology Services  
RFP NNS15530376R

(b)(4)





Organizational Conflicts of Interest Certification  
NASA Stennis Space Center Information Technology Services  
RFP NNS15530376R

(b)(4)



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

**ATTACHMENT J-10**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**PERSONAL IDENTITY VERIFICATION (PIV) OF CONTRACTOR PERSONNEL  
PIV CARD ISSUANCE PROCEDURES  
(NASA PROCUREMENT INFORMATION CIRCULAR (PIC) 06-01)**

**Enclosure to PIC 06-01**

**PIV Card Issuance Procedures in accordance with** FAR clause 52.204-9, Personal Identity Verification of Contractor Personnel

FIPS 201 Appendix A graphically displays the following procedure for the issuance of a PIV credential.

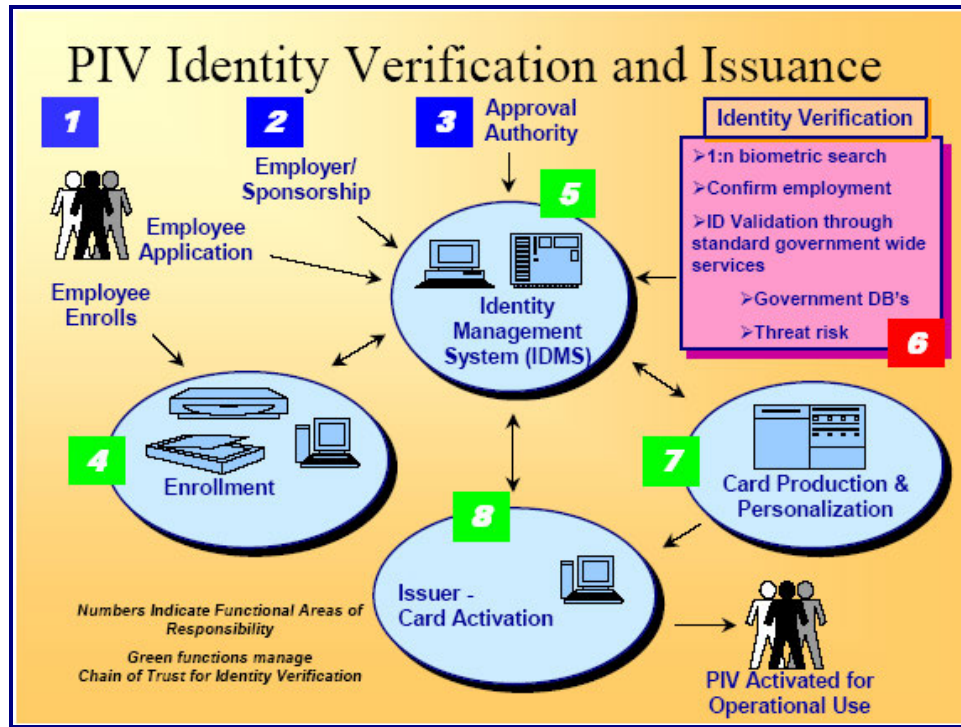


Figure A-1, FIPS 201, Appendix A

The following steps describe the procedures for the NASA PIV Card Issuance (PCI) of a PIV credential:

**Step 1:**

The Contractor’s Corporate Security Officer (CSO), Program Manager (PM), or Facility Security Officer (FSO) submits a formal letter that provides a list of contract employees (applicant) names requesting access to the NASA Contracting Officer’s Representative (COR). In the case of a foreign national applicant, approval through the NASA Foreign National Management System (NFMMS) must be obtained for the visit or assignment before any processing for a PIV credential can take place. Further, if the foreign national is not under a contract where a COR has been officially designated, the foreign national will provide the information directly to their visit/assignment host, and the host sponsor will fulfill the duties of the COR mentioned herein. In each case, the letter shall provide notification of the contract or foreign national employee’s (hereafter the “applicant”) full name (first, middle and last), social security number (SSN) or NFMMS Visitor Number if the foreign national does not have a SSN, and date of birth. If the contract employee has a current satisfactorily completed National Agency Check with Inquiries (NACI) or an equivalent or higher degree of background investigation, the letter shall indicate

the type of investigation, the agency completing the investigation, and date the investigation was completed. Also, the letter must specify the risk/sensitivity level associated with the position in which each applicant will be working (NPR 1600.1, §4.5 is germane) Further, the letter shall also acknowledge that contract employees may be denied access to NASA information or information systems based on an unsatisfactory background investigation/adjudication. .

After reviewing the letter for completeness and concurring with the risk/sensitivity levels, the COR/host must forward the letter to the Center Chief of Security (CCS). The CCS shall review the OPM databases (e.g., DCII, PIP, et al.), and take appropriate steps to validate the applicant's investigation status. Requirements for a NACI or other investigation shall be initiated only if necessary.

Applicants who do not currently possess the required level of background investigation shall be directed to the e-QIP web site to complete the necessary background investigation forms online. The CCS shall provide to the COR/host information and instructions on how to access the e-QIP for each contract or foreign national employee requiring access

**Step 2:**

Upon acceptance of the letter/background information, the applicant will be advised that in order to complete the investigative process, he or she must appear in-person before the authorized PIV registrar and submit two forms of identity source documents in original form. The identity source documents must come from the list of acceptable documents included in Form I-9, Employment Eligibility Verification, one which must be a Federal<sup>1</sup> or State issued picture identification. Fingerprints will be taken at this time. The applicant must appear **no later than** the entry on duty date.

When the applicant appears, the registrar will electronically scan the submitted documents; any document that appears invalid will be rejected by the registrar. The registrar will capture electronically both a facial image and fingerprints of the applicant. The information submitted by the applicant will be used to create or update the applicant identity record in the Identity Management System (IDMS).

**Step 3:**

Upon the applicant's completion of the investigative document, the CCS reviews the information, and resolves discrepancies with the applicant as necessary. When the applicant has appeared in person and completed fingerprints, the package is electronically submitted to initiate the NACI. The CCS includes a request for feedback on the NAC portion of the NACI at the time the request is submitted.

**Step 4:**

Prior to authorizing physical access of a contractor employee to a federally-controlled facility or access to a Federal information system, the CCS will ensure that a check has been performed with the National Crime Information Center (NCIC) and Interstate Identification Index. In the case of a foreign national, a national check of the Bureau of Immigration and Customs

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<sup>1</sup> A non-PIV government identification badge, including the NASA Photo Identification Badge, MAY NOT BE USED for the original issuance of a PIV vetted credential

Enforcement (BICE) database will be performed for each applicant. If this process yields negative information, the CCS will immediately notify the COR/host of the determination regarding access made by the CCS.

**Step 5:**

Upon receipt of the completed NAC, the CCS will update IDMS from the NAC portion of the NACI and indicate the result of the suitability determination. If an unsatisfactory suitability determination is rendered, the COR will advise the contractor that the employee is being denied physical access to all federally-controlled facilities and Federal information systems.

Based on a favorable NAC and NCIC/III or BICE check, the CCS will authorize the issuance of a PIV federal credential in the Physical Access Control System (PACS) database. The CCS, based on information provided by the COR/host, will determine what physical access the applicant should be granted once the PIV issues the credential.

**Step 6:**

Using the information provided by the applicant during his or her in-person appearance, the PIV card production facility creates and instantiates the approved PIV card for the applicant with an activation date commensurate with the applicant's start date.

**Step 7:**

The applicant proceeds to the credential issuance facility to begin processing for receipt of his/her federal credential.

The applicant provides to the credential issuing operator proof of identity with documentation that meets the requirements of FIPS 201 (DHS Employment Eligibility Verification (Form I-9) documents. These documents **must** be the same documents submitted for registration.

The credential issuing operator will verify that the facial image, and optionally reference finger print, matches the enrollment data used to produce the card. Upon verification of identity, the operator will locate the employee's record in the PACS database, and modify the record to indicate the PIV card has been issued. The applicant will select a PIN for use with his or her new PIV card. Although root data is inaccessible to the operator, certain fields (hair color, eye color, et al.) may be modified to more accurately record the employee's information.

The applicant proceeds to a kiosk or other workstation to complete activation of the PIV card using the initial PIN entered at card issuance.

**ALTERNATIVE FOR APPLICANTS WHO DO NOT HAVE A COMPLETED AND ADJUDICATED NAC AT THE TIME OF ENTRANCE ON DUTY**

Steps 1 through 4 shall be accomplished for all applicants in accordance with the process described above. If the applicant is unable to appear in person until the time of entry on duty, or does not, for any other reason, have a completed and adjudicated NAC portion of the NACI at the time of entrance on duty, the following interim procedures shall apply.

1. If the documents required to submit the NACI have not been completed prior to EOD, the applicant will be instructed to complete all remaining requirements for submission of the investigation request. This includes presentation of I-9 documents and completion of fingerprints, if not already accomplished. If the applicant fails to complete these activities as prescribed in NPR 1600.1 (Chapters 3 & 4), it may be considered as failure to meet the conditions required for physical access to a federally-controlled facility or access to a Federal information system, and result in denial of such access.
2. Based on favorable results of the NCIC, the applicant shall be issued a temporary NASA identification card for a period not-to-exceed six months. If at the end of the six month period the NAC results have not been returned, the agency will at that time make a determination if an additional extension will be granted for the temporary identification card.
3. Upon return of the completed NAC, the process will continue from Step 5.

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

**ATTACHMENT J-11**

**INFORMATION TECHNOLOGY SERVICES (ITS)**

**HISTORICAL DATA, SAMPLE DATA**

**RFP NNS15530376R**

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

**Attachment J-11 Historical Data, Sample Data**

**List 1: PWS Section 3.1 Major New System and Major System Modification Examples**

<b>SR #</b>	<b>SERVICE REQUEST TITLE</b>	<b>SERVICE REQUEST DESCRIPTION</b>
1	Archival System	Design and implement redundant near-online archival system. System shall include automated tape library systems and high speed/capacity tape drives, library management software, archive software, media, and development of end-user interface.
2	Storage Virtualization System	Design and implement storage virtualization system with synchronous mirror capability. System capacity of 500TB.
3	SAN Fabric Refresh	Design and implement Storage Area Network Fabric refresh. System shall be capable of 16Gb/sec transfer rates and accommodate 200 SAN nodes.
4	SDC System Migration	Migrate Partition A of the Stennis Data Center production environment from location X to location Y.
5	SSC Video Streaming System	Design and implement new SSC video capture and streaming system including: multiple capture/encoder stations, redundant streaming server infrastructure.
6	SSC CCTV / SAN Integration	Design and implement system to integrate SSC closed circuit television archival system with SDC SAN.

Note: This is a listing of **examples** of the **types** of major new systems or major system modifications that may be required under section 3.1 of the PWS. This is not a comprehensive listing of all types. This listing is a representative example of the degree of complexity of major new systems or major system modifications. This is not a listing of authorized/approved projects for the performance of the contract.



**RFP NNS15530376R**

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

**Attachment J-11 Historical Data, Sample Data**

**List 2: PWS Section 3.1 Minor New System and Minor System Modificaiton Examples**

<b>SR #</b>	<b>SERVICE REQUEST TITLE</b>	<b>SERVICE REQUEST DESCRIPTION</b>
1	Security Patch Installation	Install Security Patches on all windows, Lunix and Unix systems. Also, SWWS, ARTPO, EMCS systems.
2	Upgrade Backup Clients from 12.1.3 to 12.1.4	Generate SEP 12.1.4 x86 / x64 client packages and apply to all SDC clients.
3	Install Qlogic 2562 into DataCore1 Server X and Server X	Install Qlogic 2562 into slot 4 Move cards in slot 5,6 to slots 7,8
4	Rebuild Server X with Windows 2012 R2	Rebuild Server X with Windows 2012 R2, recreate SDC DFS structure
5	Migrate Live Video feeds from Server X to Server X	Begin migrating live videos , which will be moved from Server X (Adobe Media Server) to Server X (Wowza Media Server). Web page links along with video links will need to be updated. HTML Web Links will be updated to web server Server X.
6	Retire Server X	retire Server X all softwares and databases have been deleted or moved to other servers.
7	Install Dell MD3600F SAN Disk Subsystem	Install Dell MD3600F SAN Disk Subsystem.
8	Replace Server X (Dell PE2950) with Dell R710 (old Server X)	Replace Server X (Dell PE2950) with Dell R710 (old Server X)
9	Move and Rename Server X (Dell PE2950) to Server X	Move Dell PE2950 (old SSCESX25) to NCCIPS DMZ Rack I-331. Rebuild as Server X with ESXi 5.5.
10	Install DataCore SSV 10.0.0.1 Update	Install DataCore SSV 10.0.0.1 Update
11	Build production Mobile Applications server	Build Window Server 2008 virtual machine for use with Mobile Applications.
12	Build Server X	Build virtual Windows Server R2 2008 in production environment. Install and configure latest Hyperion software. Create virtual web site for brio.
13	Build a new production Windows 2008 virtual web server for Software X	Build a new Windows 2008 server in the internal production environment to run IIS with PHP. The Software X web app will be installed to manage Safety audits. The server will connect to a dev database server.
14	Install Search Services on Server X	Install Microsoft Search Services and configure to search xxxxxx.
15	Install SiteMinder Web Agent on Server X	Install the SiteMinder Web Agent 12.52 to allow Campus web apps to authenticate with the Agency's new Launchpad AM 3.0.
16	Create new SharePoint web application for Website X	Create new SharePoint web application for Website X on Server X.
17	Install Oracle October Critical Patch updates on test \ dev and prod databases.	Apply October CPU patch to Oracle development, test and production databases.
18	Install Critical patches on production servers	Critical and numerous security patches released by Microsoft may require a reboot.
19	Storage Allocation	Allocate 8TB of storage with 8TB mirror to Server X
20	SAN storage system installtion	Add 10TB storage cabinet to SAN fabric.
21	Install SAN fabric switch	Install Brocade 48 port SAN switch in communications closet X to attach multiple client stations to SAN

Note: This is a listing of **examples** of the **types** of "minor new systems or minor system modifications" identified in section 3.1 of the PWS. This is not a comprehensive listing all types. This listing is a representative example of the degree of complexity of minor new systems or system modifications. This is not a listing of authorized/approved projects for the performance of the contract.

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

**Attachment J-11 Historical Data, Sample Data**

**List 3: SSC Information Technology Systems**

AS OF July 2014

**NUMBER AND TYPE OF SYSTEMS SUBJECT TO CHANGE  
AS DIRECTED BY THE NASA/SSC/CHIEF INFORMATION OFFICER**

<b>System ID</b>	<b>System Name</b>	<b>ITS Provides "Core" Services Identified in PWS Section 3.1 a b</b>	<b>ITS Provides "Core" Services Identified in PWS Section 2.2 a</b>
OA-003-L-SSC-0001	ISHM Development Network	NO	YES
OA-003-L-SSC-0002	Cafeteria Register System (CRS)	NO	YES
OA-003-L-SSC-0003	Stennis Computational Cluster (Beowulf)	YES	YES
OA-003-L-SSC-0004	ITS Business Systems (ITSBS)	YES	YES
OA-003-L-SSC-0006	Technology Development Lab (TDL)	NO	YES
OA-003-L-SSC-0010	Calibration Lab (Callab)	NO	YES
OA-003-L-SSC-0019	Facilities Information System (FIS)	PARTIAL	YES
OA-003-L-SSC-0020	Applied Science Technology Project Office	YES	YES
OA-003-L-SSC-0021	Energy Management & Control System (EMCS)	YES	YES
OA-003-L-SSC-0027	Stennis Institutional Systems (SIS)	YES	YES
OA-003-L-SSC-0036	National Center for Critical Processing and Information Storage Low Air Gapped Systems (NCCIPS LAGS)	NO	YES
OA-003-M-SSC-0017	Lightning Detection System (LDS)	YES	YES
OA-003-M-SSC-0022	Clinic Digital Radiographic Imaging System (CDRIS)	YES	YES
OA-003-M-SSC-0033	National Center for Critical Processing and Information Storage Network Attached Devices (NCCIPS NADS)	NO	YES
OA-003-M-SSC-0035	National Center for Critical Processing and Information Storage Moderate Air Gapped Systems (NCCIPS MAGS)	NO	YES
OA-003-M-SSC-0041	Information Technology Mobile Devices (ITMD)	YES	YES
OA-302-L-SSC-0005	e-SPACE Mobile Electronic Strategic Planning System (e-Space)	NO	YES
OA-302-L-SSC-0008	Digital Learning Network (DLN)	NO	YES
OA-402-L-SSC-0023	Trunked Radio	YES	YES
OA-402-M-SSC-0038	SSC Telecommunications System	YES	YES
OA-502-L-SSC-0024	Video Distribution and Production	YES	YES
OA-801-M-SSC-0028	Stennis Data Center (SDC)	YES	YES
OA-901-M-SSC-0018	IT Security Systems	YES	YES
OS-007-M-SSC-0029	Center Premise Equipment (CPE)	YES	YES
SO-151-L-SSC-0026	Cryogenics System (Cryo)	NO	YES
SO-151-L-SSC-0037	A-Complex Data Systems (ACDS)	NO	YES
SO-151-L-SSC-0039	A3 Data Acquisition and Control System	NO	YES
SO-151-L-SSC-0040	Test Operations Systems Servers	NO	YES

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**List 3: SSC Information Technology Systems**

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**NUMBER AND TYPE OF SYSTEMS SUBJECT TO CHANGE  
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<b>System ID</b>	<b>System Name</b>	<b>ITS Provides "Core" Services Identified in PWS Section 3.1 a b</b>	<b>ITS Provides "Core" Services Identified in PWS Section 2.2 a</b>
SO-151-M-SSC-0030	A-Complex Control System (ACCS)	NO	YES
SO-153-L-SSC-0007	Test Support Facilities (TSF)	NO	YES
SO-153-L-SSC-0009	High Pressure Industrial Water (HPW)	NO	YES
SO-951-L-SSC-0011	Internet Access System (IAS)	NO	YES
SO-951-L-SSC-0013	Data Acquisition and Control System (DACCS)	NO	YES

a: Hardware and components/applications within these systems may be added, deleted, and modified during the execution of this contract. The successful bidder shall provide support services for these new systems and system modifications under "Core" services.

b: The contractor shall provide LOE support services for all items in this column with designation of "no" if requested by the government via Task Order Initiation System.

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**List 4: SSC SDC Applications**

AS OF July 2014

**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
AS DIRECTED BY THE NASA/SSC/CHIEF INFORMATION OFFICER**

NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
1	@Hand Operations & Maintenance	@Hand Operations & Maintenance	COTS Web Application	@hand portal & handheld used to obtain workorder information. Allows us to view items assigned. The ability to enter notes on work orders and job assignment. Handheld device allows the technician to see job plans necessary to complete the task while in the field.
2	Access Control List - Request System	ACL-RS - Access Control List - Request System	Web Application	System used to track the requests for changes in firewall or network configuration.
3	Access Control List - Request System - Monitor	ACL-RS - Access Control List - Request System	Job	A scheduled task that runs daily. It will mark a reviewer as overdue and send emails when someone is added to the review or marked as overdue.
4	Access Request System	ARS / SDCA - Access Request System/ Stennis Data Center Administration	Web Application	Application providing single sign on and account management function for all SDC applications and services.
5	Access Request System - Monitor	ARS / SDCA - Access Request System/ Stennis Data Center Administration	Job	Job that processes overdue requests for access to ARS applications.
6	AMS Machinery Health Manager	AMS_Suite - AMS Machinery Health Manager	COTS	
7	Application for Air Range Information and Notification	AARIN - Application for Air Range Information and Notification	Web Application	Allows Range Safety Office to review and provision aircraft flight requests and maintains a record of requests and permits issued.
8	ATIS - Audit Tracking and Information System	ATIS - Audit Tracking and Information System	GOTS	GOTS Application used for Auditing and Tracking Safety Information.
9	Audio Visual Scheduling System	AVSS - Audio Visual Scheduling System	Web Application	Application used to schedule audio visual equipment and services for meetings and presentations.
10	Audio Visual Scheduling System - Administration	AVSS - Audio Visual Scheduling System	Web Application	Administrative tool used to track and schedule audio visual services for meetings and presentations.
11	Audio Visual Services	AVS - Audio Visual Services	Web Site	Contains information on the services provided by SSC's audio visual support group. Also includes a detailed listing of conference room capabilities.
12	Base Environment Management System	BEMS - Base Environmental Management System	Web Application	Application used to plan and manage environmental compliance audits for SSC. Contains questionnaires, findings, and corrective action reports for environmental audits.
13	Base Environmental Management System - Administration	BEMS - Base Environmental Management System	Web Application	Administration tool used to develop questionnaires and manage findings and CAR's within the Base Environmental Management System.
14	Brio - Administration	IBOT - Integrated Budget Office Tool	Client	The Brio reporting tool is used to generate reports for the Integrated Budget Office Tool (IBOT). The Brio Administration tool is used by Brio application administrators to make configuration changes to Brio.
15	Capability Maturity Model	CMM - Capability Maturity Model	Web Site	Information on activities and procedures used to attain a capability maturity model rating for information systems development and operations.
16	CAPSTONE	CAP-CAPSTONE	COTS	Application used for Pressue Vessel Tracking.

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## Attachment J-11 Historical Data, Sample Data

## List 4: SSC SDC Applications

AS OF July 2014

**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
17	Center Chief Technologist - External	CCT - Center Chief Technologist	Web Site	Primary organizational web site for the Innovative Partnership Program (IPP) providing information to the general public on the types of programs that exist within IPP.
18	Center Chief Technologist - Internal	CCT - Center Chief Technologist	Web Site	Provides information regarding agency-wide technology policies and programs.
19	Center Operations Directorate	COD - Center Operations Directorate	Web Site	Organizational web site with a wide range of information of the services provided by the SSC Center Operations Directorate. Includes: org chart, service descriptions, faq, links, etc.
20	Central Engineering Files Manager	CEF Manager - Central Engineering Files Manager	Web Application	CEF Manager allows searches of CEF held indexes.
21	Close Call Reporting System	CCRS - Close Call Reporting System	Web Application	Allows SSC NASA/NASA contractor personnel to submit Close Calls (without Authentication). Authentication required for updating, publishing and reporting data.
22	COGNOS Metrics Manager	ICMM- IBM COGNOS Metrics Manager	COTS	Application used to capture Safety Mission and Assurance metrics.
23	Communications Billing System	CBS - Communications Billing System	Client	System used to manage SSC telecommunication costs. Billing data is generated for SSC program and reimbursable customers.
24	Component Image System - Administration	CIS - Component Image System	Client	Repository of warehouse inventory Images displayed through NOSC. Used by NOSC administrative users to upload and review images.
25	Component Image System Viewer	CIS - Component Image System	Web Application	View of warehouse inventory Images invoked by NOSC.
26	Configuration Control Tracking System	CCTS - Configuration Control Tracking System	Client	System used by Stennis Data Center Operations to track baseline configuration and all changes for applications and systems within their respective realm.
27	Confluence	JIRA - JIRA Development Tools	COTS Web Application	Confluence is a Atlassian WIKI tool used as a knowledge base.
28	Construction of Facilities Funds Tracking System	COFFTS- Construction of Facilities Funds Tracking System	Client	Construction of Facilities funds tracking system. Provides since inception data at benefitor/fund/wbs/contract level.
29	Construction Safety	CS - Construction Safety	Web Site	Provides SSC policy and general construction information to existing and potential construction contractors.
30	Contractor Performance Assessment System	CPAS - Contractor Performance Assessment System	Web Application	Application allows submission, processing, and management of Performance Input data by NASA and NASA Contractors.
31	Cost Data Warehouse - Administration	CDW - Cost Data Warehouse	Client	DW Administrative Tool for processing of weekly and monthly support contract and NASA SAP monthly data into the CDW database. and benefitor levels.
32	Counterintelligence Office	CI - Counterintelligence Office	Web Site	Primary organizational web site for the SSC Counterintelligence Office.
33	Data Warehouse Portal - Cost Data Warehouse	DWP - Data Warehouse Portal	Web Application	The Cost Data Warehouse component of the Data Warehouse Portal provides on-site contractor cost data reporting at the SWR and benefitor levels.
34	Digital Photo Archive	DPA - Digital Photo Archive	Web Application	Tool used by Office of External Affairs to view and approve images uploaded by multimedia services.

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## Attachment J-11 Historical Data, Sample Data

## List 4: SSC SDC Applications

AS OF July 2014

NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
35	Digital Photo Archive - Administration	DPA - Digital Photo Archive	Client	Tool used to control access and system privileges for the Digital Photo Archive system.
36	Digital Photo Archive - Campus Search	DPA - Digital Photo Archive	Web Application	Allows Campus users to view approved images
37	Digital Photo Archive- Customer View	DPA - Digital Photo Archive	Web Application	Allows non-NASA customers to view digital photo archive images
38	Directory Services Employee Info Maint - SBS Download	DS - SSC Employee Information Maintenance	Job	Data synchronization program between Directory Services, Stennis Badging System, and OWEB.
39	DK Helpdesk	DK - DK Helpdesk	COTS	Stennis Data Center help desk application used to enter and track trouble calls for SDC applications and systems.
40	Document Numbering System	DNS - Document Numbering System	Web Application	System used to request numbers for Stennis Space Center documents.
41	Document Numbering System - Administration	DNS - Document Numbering System	Web Application	Administrative tool used to assign and manage document numbers for the Document Numbering System (DNS).
42	E Complex Post Data Processing	E Complex Post Data Processing	Client	E Complex rocket test data post processing software, containing executables and scripts allowing user to generate individual BEU files from raw data and also to do secondary calculations and apply calibration information.
43	Education Gateway	EG - Education Gateway	Web Site	Provides general information to the public on various SSC and NASA education initiatives.
44	Electrical Load Calculation Analysis Tool	ELCAT - Electrical Load Calculation Analysis Tool	Client	Application used to track electrical load and to assist in analysis of new electrical load requirements for the Stennis Data Center.
45	Electronic Form Index	SEFI - Electronic Forms Index	Web Site	Provides official versions of SSC forms.
46	Elevated Privileges Provisioning System	EPPS - Elevated Privileges Provisioning System	Web Application	Tracks to completion ODIN's activation of Elevated Privileges.
47	Elevated Privileges Provisioning System Monitor	EPPS - Elevated Privileges Provisioning System	Job	EPPS Monitor is an Email Notification Process for overdue Request Notices.
48	Emergency Operations Center Administration	EOC-SS - Emergency Operations Center - Site Status	Web Application	Allows for the creation and maintenance of SSC Site Status Bulletins.
49	Engineering & Test Work Control System (File Maker Pro 7.0)	WCS - Engineering & Test Work Control System (File Maker Pro)	Web Application	Work control system for propulsion test activities at SSC.
50	Engineering & Test Directorate - External	E&TD - Engineering & Test Directorate	Web Site	Information on SSC's propulsion testing capability and other engineering and science capabilities. Provides general public and potential SSC customers with general information.
51	Engineering & Test Directorate - Internal	E&TD - Engineering & Test Directorate	Web Site	Primary organizational web site for the Engineering & Science Directorate. Contains general organizational information and links to other ESD web sites and applications.

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## List 4: SSC SDC Applications

AS OF July 2014

NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
52	Engineering & Test Work Control System (File Maker Pro 5.5)	WCS - Engineering & Test Work Control System (File Maker Pro)	Client	Work Control System for propulsion test activities at SSC. NOTE: Per Tim, This version is not hosted in the SDC, but it is still being used. He is not sure what type of system it is being hosted on. - CMN 1/25/2012.
53	Enterprise Architecture Repository	EA - Enterprise Architecture Repository	Web Application	Repository for Enterprise Architecture data related to SSC OCIO Services and projects related to those services.
54	Environmental Management System	EMS - Environmental Management System	Web Site	Information on SSC's environmental management processes including: enviro fact sheets, training via streaming video, and procedures for the environmental office. Includes pages for searching Lead and Asbestos Drawings via MSDS database. Please see comments for additional notes.
55	EOC - Site Status	EOC-SS - Emergency Operations Center - Site Status	Web Site	Provides site status for employees as provided by SSC emergency operations center.
56	Eplex Disk Snap System	EDSS - Eplex Disk Snap System	Web Application	Utility used to copy EPLEX data to Reliant
57	Ergonomic Risk Assessment, Tracking and Evaluation System	ERATES - Ergonomic Risk Assessment, Tracking and Evaluation System	Web Application	ERATES provides a tool for employees and ergonomists to record and evaluate ergonomic risk assessments appropriate to the employee's workplace.
58	Event Log System	ELS - Event Log System	Client	Central repository for all SDC server event log and web log data.
59	Facility Center	FC - Facility Center	COTS	The Facility Center is used to track square footage usage for SSC customers.
60	Facility Manager	FM - Facility Manager	Web Application	Facility Manager provides information on the roles, procedures, and on going activities/projects of SSC facility managers. The system is used to track various facility modifications and repairs.
61	FEDLOG	FEDLOG	COTS	Federal Logistic search engine for Inventory Management.
62	Firehouse Software	FHS - Firehouse Software	COTS Database	SQL Database supporting the SSC Fire Department Operations incident recording, etc.
63	FlexLM	FlexLM - License Manager	COTS	License manager package used to control use of FlowMaster, autocad, and other engineering tools.
64	Flowmaster	FLM - Flowmaster	Client	Application used to simulate liquid and gas flows through piping system (justin junell and McGraw, K St Aube). Flowmaster database is located on the users desktop (see SP 14-0081 for details)
65	Fluid Component Tracking System	CTS - Fluid Component Tracking System	Web Application	Fluid Component Processing System to track and record metrics on SSC fluid components.
66	Form Management System	FMS - Form Management System	Web Application	Tool used to streamline the process of managing electronic forms and form requests, all electronic revisions of SSC forms and form ownership information.
67	FOSC Material Management Inventory	FOSC Material Management Inventory	Web Application	FOSC repository for inventory transactions and nightly file generation for SAP.
68	FOSC Panel Documentation System	FOSC Panel Documentation System	Web Application	Application used to document all electrical panels for all buildings on SSC.

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**List 4: SSC SDC Applications**

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**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
AS DIRECTED BY THE NASA/SSC/CHIEF INFORMATION OFFICER**

NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
69	FOSC SR&QA - Building Inspections	FOSC SR&QA - Building Inspection / Safety Meeting Manager	Web Application	Reporting tool for NASA/PSC contractor for tracking of Building Discrepancies.
70	FOSC SR&QA - Safety Meeting Manager	FOSC SR&QA - Building Inspection / Safety Meeting Manager	Web Application	Repository of Safety Presentations and Attendance Tracking.
71	FOSC SR&QA Administration	FOSC SR&QA - Building Inspection / Safety Meeting Manager	Client	Application administration tool used to modify settings in the FOSC SR&QA Building Inspections / Safety Meeting Manager systems.
72	FOSC System Safety	FSS - FOSC System Safety	Database	FOSC Safety Portal for entering Safety data.
73	Funds Availability System	FAS - Funds Availability System	Client	Application used to assign work requests and procurement actions to reimbursable fund sources.
74	Funds Distribution System	FDS - Funds Distribution System	Client	System to manage Budget Funding Distribution for NASA SSC.
75	GIT	JIRA - JIRA Development Tools	COTS	Supportive software for STASH Application.
76	HASP License Manager	HASP License Manager	COTS	License Manager for the SKM Power Tools for Windows.
77	Hazardous Material Inventory System	HMIS - Hazardous Material Inventory System	Web Application	System allows for tracking of hazardous materials and components at SSC. Used by SSC Environmental Office to ensure that storage quantity thresholds are not exceeded.
78	HR Calendar Administration	HRCalendar - HR Calendar System	Web Application	Web Application to allow maintenance of HR Calendar events.
79	IBMT MSR - IBMT Monthly Standard Reports	IBMT MSR - IBMT Monthly Standard Reports	Client	Integrated Business Management Team system for producing monthly standard reports for funding, commitments, obligations, and cost for all SSC programs and projects.
80	IBOT BRIO Reporting	IBOT - Integrated Budget Office Tool	COTS	System used to enter NASA budget data, CFO monthly reporting and review reports developed using BRIO Reporting tool.
81	Incident Command Post	ICP - Incident Command Post	Web Site	Contains emergency awareness information, links to emergency awareness and preparation sites, and SSC point of contact information for the Incident Command Post at SSC.
82	Information Technology Security	ITSEC - Information Technology Security	Web Site	Primary functional web site for SSC's IT security activities. Includes: procedures, processes, and general IT security documents to help the SSC community protect IT assets.
83	Information Technology Services (ITS) Survey	ITSS - Information Technology Services (ITS) Survey	Web Site	Survey for assessing level of satisfaction with Information Technology Support (ITS) contractor.
84	Infrastructure Updates	IUP - Infrastructure Updates	COTS	Sharepoint site consisting of ITS Infrastructure Updates supporting NASA.
85	Integrated Budget Office Tool	IBOT - Integrated Budget Office Tool	COTS	Resources Management tool used to develop and track PPBE submissions and SSC operating plans.
86	Integrated Risk Management Application	IRMA - Integrated Risk Management Application	Web Application	Center risk management system used for tracking programmatic and institutional risks, identifying impacts and mitigations.



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**List 4: SSC SDC Applications**

AS OF July 2014

**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
87	Invoice Concurrence System	ICS - Invoice Concurrence System	Web Application	Provides routing and approval processing capability for NASA invoices / procurements.
88	Invoice Concurrence System Administration	ICS - Invoice Concurrence System	Client	Administrative tool used to establish new invoices in ICS and manage accounts.
89	Invoice Concurrence System Monitor	ICS - Invoice Concurrence System	Job	Background process that notifies ICS users of overdue actions.
90	IP Configuration Repository	IP Configuration Repository	Web Application	Web Application hosting IP metadata for SSC.
91	IP Configuration Repository Flat File Loader	IP Configuration Repository	Job	Job to load IPAM and other data sources to the local database.
92	IRIS Process Author	IRISPA - IRIS Process Author	COTS Web Application	IRIS Process Author is an enterprise-level process management system which automates the authoring, modeling, and integration of organizational and project life-cycle processes within a collaborative environment.
93	ISO 9000	ISO 9000	Web Site	Contains information used to ensure SSC compliance with ISO 9001. Includes: audit information, contacts, and links.
94	ITS SR&QA - Administration	ITS SR&QA - Building Inspections / Safety Meeting Mgr.	Client	Application administration tool used to modify settings in the ITS SR&QA Building Inspections / Safety Meeting Manager systems.
95	ITS SR&QA - Building Inspections	ITS SR&QA - Building Inspections / Safety Meeting Mgr.	Web Application	Reporting tool for NASA/ITS contractor for tracking of Building Discrepancies.
96	ITS SR&QA - Safety Meeting Manager	ITS SR&QA - Building Inspections / Safety Meeting Mgr.	Web Application	Repository of Safety Presentations and Attendance Tracking.
97	ITS Survey	ITSS - Information Technology Services (ITS) Survey	Web Application	Informal survey collected by the ITS contractor to allow the ITS to assess general satisfaction with activities at SSC.
98	JIRA	JIRA - JIRA Development Tools	COTS Web Application	JIRA is a Atlassian development tool used to track project related issues.
99	Katrina Projects	Katrina Projects	Web Application	Katrina Projects
100	Laboratory Services	LS - Laboratory Services	Web Site	Informational web site for SSC's laboratory services capability.
101	LabView License Manager	LLM - LabVIEW License Manager	COTS	Manage use of SSC's LabView Licenses.
102	LSC - SR&QA Building Inspection	LSC - SR&QA - Building Inspection /Safety Meeting Manager	Web Application	Reporting tool for NASA/LSC contractor for tracking of Building Discrepancies.
103	LSC SR&QA - Administration	LSC - SR&QA - Building Inspection /Safety Meeting Manager	Client	Application administration tool used to modify settings in the LSC SR&QA Building Inspections / Safety Meeting Manager systems.
104	LSC SR&QA - Safety Meeting Manager	LSC - SR&QA - Building Inspection /Safety Meeting Manager	Web Application	Repository of Safety Presentations and Attendance Tracking.
105	M86 Processing	M86 - M86 Processing	Web Application	Interface for M86, provides email requests to IT Security for un-blocking websites.

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List 4: SSC SDC Applications

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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
106	Management Councils	MC - Management Councils	Web Site	Contains agenda's, presentations, and meeting minutes for the program management council and strategic management council for SSC.
107	Maximo	MAX - Maximo	Web Application	Work control tracking system for facility and operations support contractor. Includes planning, scheduling, equipment tracking, preventative maintenance, and other work control functions.
108	Memory Blog Apollo 11	Memory Blog Apollo 11	Web Application	Memory Blog in honor of Apollo 11's 45th Anniversary
109	Metrology Management System	MMS - Metrology Management System	Client	Application that provides a means to track the progress of Instrumentation, Measurement, and Testing equipment (IMTE) that has been sent in for service to the Measurement Standards and Calibration Laboratories.
110	Motionsoft eClublogic	MEC - Motionsoft eClublogic	Database	SQL Database supporting the SSC Wellness membership and accounts receivable data.
111	NASA Customer Satisfaction Survey	NTOG_Feedback - NASA Test Operations Feedback	Web Application	NASA Test Operations Feedback.
112	NASA Exchange	NASA Exchange	Web Site	Website providing Stennis NASA Exchange information to the SSC Employee base.
113	NASA HQ Agency Wide Environmental Geographic Information System Portal	NHQGIS - NASA HQ Agency Wide Environmental Geographic Information System Portal	Web Application	Provides Non-SBU and SBU Environmental Geographic data for NASA HQ Personnel.
114	NETDOC	NETDOC - Network Documentation	COTS	Application data repository for network architecture and discovery of Stennis Network.
115	Occupancy Process Automation System - Website	OPAS - Occupancy Process Automation System	Web Application	OPAS Web is a component of the Occupancy Process Automation System to allow representatives from NASA/SSC organizations to specify the amount of reimbursable cost based on Budget Line Item. This component is used as part of the Annual Rate Calculation.
116	Occupancy Process Automation System Administration	OPAS - Occupancy Process Automation System	Client	The Occupancy Process Automation System is used by NASA Finance users to support the SSC Annual Occupancy process and the Monthly process. The Annual Process calculates occupancy rates for SSC Tenant Agencies based on prior year reimbursable cost, ex
117	Occupational Health Services	OHS - Occupational Health Services	Web Site	Contains occupational health information for SSC employees including: health clinic information, wellness center information, industrial Hygiene, and the employee assistance program
118	OCIO Financial Control System	OCIOFCS - OCIO Financial Control System	Client	OCIO Financial Control System is a client/server application for budget planning and comparing actuals vs estimates. Includes an interface to CDW database for SWR and MR amounts.
119	OCOMM - Office of Communications	Office of Communications	Web Site	Primary organizational website for the Office of Communications. Contains organizational information, functions of the office, and links.

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List 4: SSC SDC Applications

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NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
120	Office of External Affairs	OEA - Office of External Affairs	Web Site	Primary organizational website for the Office of External Affairs. Contains organizational information, functions of the office, and links.
121	Office of Human Capital- Training Calendar	HRCalendar - HR Calendar System	Web Application	HR Calendar is a web application for displaying information regarding SSC NASA training events in calendar month format.
122	Office of Safety Mission Assurance	OSMA - Office of Safety & Mission Assurance	Web Site	Primary organizational web site for the SSC Office of Safety & Mission Assurance. Contains injury reporting information, ability to enter close call incidents in a database, and several safety articles and documents.
123	Office of the Chief Financial Officer	OCFO - Office of the Chief Financial Officer	Web Site	Primary organizational web site for the Business Management Divisions OCFO. General CFO information including: documents, procedures, budget reports, etc.
124	Office of the Chief Information Officer	OCIO - Office of the Chief Information Officer	Web Site	Organizational web site with procedural documentation, links, and staff information for the SSC Office of the CIO.
125	OMBUDS Program	OP - OMBUDS Program	Web Site	Contains information on the SSC OMBUDS program including: purpose and links to related information.
126	Online Seat Ordering System	OWEB - Online Seat Ordering System	Web Application	Application used by SSC IT Coordinators to order local Stennis OCIO services: Analog/Digital TV, Radio, and Telephone.
127	Other Accumulated Cost	OAC - Other Accumulated Cost	Client	Other Accumulated Contractor Cost interfacing with SAP.
128	OWEB Administration	OWEB - Online Seat Ordering System	Client	Application used by Service Management Group for managing OWEB orders, reporting and maintaining users roles for the OWEB system.
129	OWEB System Monitor (Print Utility)	OWEB - Online Seat Ordering System	Job	Job that prints OWEB orders for the ODIN contractor.
130	PIPE-FLO Compressible	PIPE-FLO Compressible	COTS	Simulates the operation of the piping systems transporting compressible fluids including steam and gases under a variety of expected operating conditions. Performs rigorous calculation of compressed gas systems balancing the flow rates and pressures throughout the system.
131	PIPE-FLO Professional	PIPE-FLO Professional	COTS	Simulates the operation of the complete piping systems showing the interaction of pumps, compressors, pipelines, control valves, and components.
132	PRELL - Procurement Records Lending Library	PRELL - Procurement Records Lending Library	Web Application	Application that provides tracking of procurement records and check-out transactions.
133	Procurement Portal	PP - Procurement Portal	Web Site	Primary organizational site for the Acquisition Management Office. Contains links to applications, links to procurement policy and procedure, and links to procurement programs.
134	ProEST 2011	PROEST - ProEST 2011	COTS	Software allows estimators to accurately calculate the cost of SSC construction.
135	Project Funding Priority System	PFPS - Project Funding Priority System	Web Application	Tracks proposed propulsion test projects and provides capability for rating/prioritizing those projects and submitting funding proposals.

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

## Attachment J-11 Historical Data, Sample Data

## List 4: SSC SDC Applications

AS OF July 2014

**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
AS DIRECTED BY THE NASA/SSC/CHIEF INFORMATION OFFICER**

NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
136	Project Funding Priority System Monitor	PFPS - Project Funding Priority System	Job	Background utility that monitors project routing, generates notifications, and email reminders.
137	Project Integration Office	PIO - Project Integration Office	Web Site	Provides guidance on developing agreements at SSC and a agreement worksheet.
138	Project Management Division	PMD - Project Management Division	Web Site	Organizational website for the Center Operations Project Management Division. Site contains general information such as: staff, reports generated by the division, project status, and links to other websites.
139	Propulsion Test Calendar	PTC - Propulsion Test Calendar	Web Site	Schedule of propulsion testing and status of preparations for tests.
140	PSC SR&QA - Administration	PSRQAADMIN - PSC SR&QA - Building Inspections / Safety Meeting Mgr	Client	Application administration tool used to modify settings in the PSC SR&QA Building Inspections / Safety Meeting Manager systems.
141	PSC SR&QA - Building Inspections	PSRQAADMIN - PSC SR&QA - Building Inspections / Safety Meeting Mgr	Web Application	Reporting tool for NASA/PSC contractor for tracking of Building Discrepancies.
142	PSC SR&QA - Safety Meeting Manager	PSRQAADMIN - PSC SR&QA - Building Inspections / Safety Meeting Mgr	Web Application	Repository of Safety Presentations and Attendance Tracking.
143	Public Affairs Office	PAO - Public Affairs Office	Web Site	Primary organizational site for the Office of External Affairs. Contains organizational information, functions of the office, and links.
144	PV Elite License Manager	PV Elite License Manager	COTS	This is a HASP license manager for the PV Elite Intergraph software.
145	Radio Frequency Spectrum Management	RFSM - Radio Frequency Spectrum Management	Web Site	Provides FAQ, RF management handbook, forms, and links for the Radio Frequency Spectrum Management function at SSC.
146	Rainbow Technologies Sentinel License Manager	Rainbow Technologies Sentinel LM	COTS	License Manager software used to control access to the network licenses of PIPE-FLO Professional 2005 and PIPE-FLO Compressible 2005.
147	Records Storage Tracking Inventory Database	RESTID - Records Storage Tracking Inventory Database	Web Application	RESTID is a web-based application to manage the physical inventory of sSC records. RESTID provides functions for the transfer, receipt, storage, and disposal of records in a physical media, such as paper, film, and video.
148	Records Storage Tracking Inventory Database Print Monitor	RESTID - Records Storage Tracking Inventory Database	Job	RESTID_PRINT_MONITOR Print Container Labels.
149	Refrigerant Control Management System	RCMS - Refrigerant Control Management System	COTS	Application used for environmental office monitoring of refrigerant systems, repairs, and inventory at Stennis Space Center.
150	Reimbursable Bill Attachments	RBA - Reimbursable Bill Attachments	Client	System generates reimbursable customer bill details for the Office of the Chief Financial Officer.
151	Relational Security Assessment Manager	RSAM - Relational Security Assessment Manager	COTS	Risk Assessment and compliance management tool used by IT Security personnel and System Owners to provide risk assessment analysis and support.

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**List 4: SSC SDC Applications**

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**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
152	RESTID Web Service	RESTID - Records Storage Tracking Inventory Database	Web Service	Web service and methods for RESTID Scanner mobile application.
153	Rocket Propulsion Test Automated Management System	RPT - Rocket Propulsion Test	Web Application	Interface used to request access to the RocketTest Web Application.
154	Rockettest Monitor	RPT - Rocket Propulsion Test	Job	Background process to send reminder emails for overdue action items in RPT.
155	Rockettest Public	RPT - Rocket Propulsion Test	Web Application	Public Information Web Site for RPT data.
156	RPT Administration	RPT - Rocket Propulsion Test	Client	Tool for performing administrative and system management functions for the Rocket Propulsion Test Web Application.
157	Safety & Hazard Reporting	SHR - Safety & Hazard Reporting	Web Site	Steps for responding to or reporting a safety/hazardous situation.
158	Safety Advisories	SA - Safety Advisories	Web Application	Displays product recall notices/alerts
159	Safety Management Review Administration	SMR - Safety Management Review	Web Application	Tool used to manage agenda, meeting minutes and presentations from the Safety Management Review website.
160	Safety Management Review Website	SMR - Safety Management Review	Web Application	Displays the Agenda, Meeting Minutes, and Presentations for the Safety Management Review board.
161	Safety Smart	SS - Safety Smart	Web Site	A wide range of safety related information including: training, osha information, msds data, and articles on recent safety incidents and practices.
162	Scientific Technical Information Approval	STI - Scientific Technical Information Approval	Web Application	Allows authors of scientific documents and presentations to obtain approval for release.
163	Scientific Technical Information Approval Administration	STI - Scientific Technical Information Approval	Client	Tool used to perform administrative functions for the Scientific & Technical Approval Application .
164	Scientific Technical Information Approval Monitor	STI - Scientific Technical Information Approval	Job	Background process that notifies STI users of overdue actions.
165	SDC RSA SecurID Infrastructure	SDC RSA SecurID Infrastructure	COTS	Application tool used to provide 2 factor authentication for specific SDC applications.
166	SDC Web Upload Utility	SDCWUU - SDC Web Upload Utility	Web Application	Tool used by SSC Website Owners to upload to SSCPortal.
167	SDC Web Upload Utility - Administration	SDCWUU - SDC Web Upload Utility	Web Application	Administrative framework tool for creating and controlling access for the SDC Web Upload Utility.
168	Security Investigation Database	SID - Security Investigation Database	Web Application	Application to track security investigations.
169	Security Office	SO - Security Office	Web Site	Primary organizational web site for the SSC security staff. Contains point of contact info, visitor request information, traffic information, and links to other security sites.
170	Service Request System	SRS - Service Request System	Web Application	Primary end user interface for processing Stennis Work Requests for on-site support contract tasks.

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**List 4: SSC SDC Applications**

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**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
171	Service Request System - Administration	SRS - Service Request System	Client	Tool used to perform administrative functions for the Service Request System (SRS) including: benefitor management, account management, modification of approval routing, and MIPR maintenance.
172	Service Request System - Monitor	SRS - Service Request System	Job	Monitoring tool for approval rollover and signature timeouts.
173	Service Request System - PR Creation	SRS - Service Request System	Job	Purchase Request creation -creates PR in the FOS MICS System for material requests initiated in the SRS system.
174	Severe Weather Warning System	SWWS - SSC Severe Weather Warning System	Web Application	Application which integrates the Lightning Detection radar image generated by the Lightning Detection System (LDS) as well as the LDS event log and status for severe weather warning alerts.
175	SKM Power Tools for Windows	SKM Power Tools for Windows	COTS	Power System Design and Analysis Software
176	SOFI - Stennis Online Forms Index	SOFI - Stennis Online Forms Index	Web Application	Application includes script for auto-generation of form numbers (and will be future replacement of Stennis Forms Index).
177	Space Flight Awareness Survey	SFAS - Space Flight Awareness Survey	Web Application	Survey for SFA award recipients to provide feedback on events.
178	SRS- Notification Tray Utility	SRS - Service Request System	Client	System used to alert users of actions required in the Service Request System.
179	SSC Air Range Safety	AARIN - Application for Air Range Information and Notification	Web Application	Application used to provide a mechanism for operators of aircraft to request permission to fly over SSC airspace or land on SSC property.
180	SSC Cafeteria Message Board	SSC Cafeteria Message Board	Web Application	SSC Cafeteria Message Board, a forum for ideas, discussions, comments, observations, and recommendations for improvements.
181	SSC Cafeteria Message Board Monitor	SSC Cafeteria Message Board	Web Application	Web Application to allow provisioning of comments submitted to SSC Cafeteria Message Board.
182	SSC Campus Portal	SSC Portal - CAMPUS	Web Site	Primary web portal for Campus Community. Contains information such as announcements, resident agencies, etc.
183	SSC Campus Portal - OLD	SSC Portal - CAMPUS	Web Site	Currently hosting SSC Electronic Forms Page and SSC Phone Query.
184	SSC Community Portal	SSC Portal - COMMUNITY	Web Site	Primary web portal for Stennis Community. Contains information such as announcements, special events, menus, relevant to all SSC Site occupants.
185	SSC Design and Data Management System	DDMS - SSC Design and Data Management System	COTS Web Application	Contains links to DDMS applications (windchill, pro-e, filemaker work control sys) and provides brief definition of SSC DDMS project.
186	SSC Employee Directory	DS - SSC Employee Information Maintenance	Client	System used by NASA physical security to produce badges for individuals who require access to Stennis Space Center.
187	SSC Employee Information Maintenance	DS - SSC Employee Information Maintenance	Web Application	Maintenance application used to update SSC employee data
188	SSC Integrated Project Services	SSC Integrated Project Services	COTS Web Application	SSC Sitewide Integrated Scheduling System.

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**List 4: SSC SDC Applications**

AS OF July 2014

**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
AS DIRECTED BY THE NASA/SSC/CHIEF INFORMATION OFFICER**

NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
189	SSC Intranet Portal	SSC Portal - INTRANET	Web Site	Primary web portal for Stennis Internal Community. Contains information such as employee services, reference library, resident agency links, ssc contractor websites, etc.
190	SSC One View	SSC_OneView - SSC One View	COTS	Sharepoint Site consisting of ITS Contract information.
191	SSC On-line Catalog System	SOCS - SSC On-line Catalog System	Web Application	Warehouse catalog search application.
192	SSC Phone Radio Service Lookup	SPRSL - SSC Phone Radio Service Lookup	Web Application	Web Application used to lookup published phone, radio and service numbers.
193	SSC Quality of Life	SSCQOL - SSC Quality of Life	Web Site	Provides general information to the public on the demographics and lifestyle of communities surrounding Stennis Space Center.
194	SSC Safety Advisories Admin	SA - Safety Advisories	Web Application	Application used to manage the announcements, contacts, and documents uploaded to Safety Advisories website.
195	SSC Security Search	DS - SSC Employee Information Maintenance	Web Application	System used by security dispatch to view Stennis Badging System (SBS) data. (Security Client for SBS)
196	SSC Site Status Mobile	EOC-SS - Emergency Operations Center - Site Status	Mobile Application	Mobile application that allows user to view SSC Site Status, Weather and receive push notifications.
197	SSC Site Status Web Service	EOC-SS - Emergency Operations Center - Site Status	Web Service	Background web service and methods for SSC Site Status mobile application.
198	SSC Universal Configuration Management Database	UCMDB - SSC Universal Configuration Management Database	COTS	Application used to perform Discover and Mapping of systems(hardware), storage and applications.
199	SSC Video	SSC-LSVIDEO - SSC Live Stream Video	Web Site	Live Stream video from "A" test complex.
200	SSC VPN	VPN - SSC VPN	COTS	Interface for SSC VPN connectivity.
201	Stash	JIRA - JIRA Development Tools	COTS Web Application	Stash is a Atlassian code repository used for revision control.
202	Stennis Action Tracking System	AcTrak - Stennis Action Tracking System	Web Application	Actrak is a web base application for tracking action items for various organizations and projects for SSC NASA and NASA contractors.
203	Stennis Action Tracking System Monitor	AcTrak - Stennis Action Tracking System	Job	Job that processes overdue action items.
204	Stennis Contract Deliverable System	SCDS - Stennis Contract Deliverable System	Web Application	System used by NASA procurement and on-site support contractors to track, submit, and review deliverables.
205	Stennis Data Center Administration	ARS / SDCA - Access Request System/ Stennis Data Center Administration	Client	Tool used by SDC Operations to manage application, file share, and building access through the Access Requests System (ARS).
206	Stennis Data Center Media Records Library	SDCMRL - Stennis Data Center Media Records Library	Web Application	Stennis Data Center Media Records Library application is provides tracking and check in - check out of media and records for the SDC.
207	Stennis Data Center Sharepoint	SDC Sharepoint	COTS	Microsoft Sharepoint system. Provides web interface for accessing network shares.



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## List 4: SSC SDC Applications

AS OF July 2014

NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
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NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
208	Stennis Energy Allocation System	SEAS - Stennis Energy Allocation System	Client	Generates billing statements for electrical, propane/diesel, and natural gas consumption for resident agencies.
209	Stennis Ergonomic Risk Assessment System	ERATES - Ergonomic Risk Assessment, Tracking and Evaluation System	Web Application	Provides a tool for employees to create and submit ergonomic risk assessments appropriate to the employees work place for evaluation by an ergonomists.
210	Stennis Institutional Geographic Information System	SEGIS - Stennis Enterprise Geographic Information System	Web Application	GIS tool including facility management, environmental/CERCLA management, utility management, and real estate management functions.
211	Stennis Multimedia Archive Electronic Logbook	DPA - Digital Photo Archive	Client	Tool used by FOS Multimedia to load and catalog images into the Digital Photo Archive database.
212	Stennis Real Property Space Request	SRPSR - Stennis Real Property Space Request	Web Application	Application to allow NASA Civil Servants and NASA Contractors and Tenants to request a move/space.
213	Striving to Achieve Real Safety	STARS - Striving to Achieve Real Safety	Web Site	A forum for employee-based involvement in the continual improvement of safety and health issues at Stennis Space Center .
214	Sustainability	SUSTAIN- Sustainability	Web Application	Application to track environmental of engineering and construction projects.
215	TechDoc Campus Search Engine	TechDOC - Technical Documentation System	Web Application	Campus search engine for NASA Stennis/Contractor Documents.
216	TechDoc Document Manager	TechDOC - Technical Documentation System	Web Application	Administrative tool for loading documents into the techdoc system and maintaining document repository framework for NASA SSC and contractor documents.
217	Techdoc History Office	TechDOC - Technical Documentation System	Web Application	SSC History Office Tech Library for history documnetation.
218	TechDoc Internal Search Engine	TechDOC - Technical Documentation System	Web Application	Internal search engine for NASA Stennis/Contractor Documents.
219	TechDoc Public Search Engine	TechDOC - Technical Documentation System	Web Application	Public search engine for the Stennis TechDoc system.
220	Technology Development - Active Project Listing	TDPTT - Technology Development Projects Tracking Tool	Web Application	Technology Development & Transfer Office website report of TDPTT projects (Pages available the CCT Internal Website).
221	Technology Development Projects Tracking Tool	TDPTT - Technology Development Projects Tracking Tool	Client	Tool for maintaining and tracking SSC technology transfer projects.
222	TOC SR&QA - Administration	TOC SR&QA - Building Inspection / Safety Meeting Manager	Client	Application administration tool used to modify settings in the TOC SR&QA Building Inspections / Safety Meeting Manager systems.
223	TOC SR&QA - Building Inspections	TOC SR&QA - Building Inspection / Safety Meeting Manager	Web Application	Reporting tool for NASA/PSC contractor for tracking of Building Discrepancies.
224	TOC SR&QA - Safety Meeting Manager	TOC SR&QA - Building Inspection / Safety Meeting Manager	Web Application	Repository of Safety Presentations and Attendance Tracking.
225	Training & Certification Record System	TCSII - Training & Certification Record System	COTS	Tool used to track certifications of employees at SSC.



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**List 4: SSC SDC Applications**

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**NUMBER AND TYPE OF APPLICATIONS SUBJECT TO CHANGE  
AS DIRECTED BY THE NASA/SSC/CHIEF INFORMATION OFFICER**

NUMBER	APPLICATION MODULE	APPLICATION / WEB SITE	TYPE	DESCRIPTION
226	VIBES	VIBES - VIBES	Web Application	Jacobs Performance Evaluation Application.
227	Video Archive System	VAS - Video Archive System	Web Application	Catalog of video clips for SSC.
228	Video Production	VP - Video Production	Web Site	Organizational site for the Stennis video production capability. Contains description of services offered and points of contact.
229	Video Streaming Dashboard	SD - Streaming Dashboard	Web Application	Video Streaming Dashboard is used for video streams that require authorized users.
230	Voluntary Protection Programs Administration	VPP - Voluntary Protection Programs	Web Application	Tool used to manage agenda, meeting minutes and presentations from the VPP website.
231	Windchill - Design and Data Management System	Windchill	Web Application	SSC Design and Data Mgt System
232	Wizdom	Wizdom	COTS	Web-based software solution for project management, process management and document management. Originally implemented for SMO organization.

\* Applications and components may be added, deleted, and modified during the execution of this contract. The successful bidder shall provide support services for these new applications and application modifications under "Core" services.

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**List 5: Application Complexity**

<b>Application Complexity</b>	<b>Description</b>
Highly Complex	SQL Server Database with over 20 tables. Typically has a client administrative back end developed in Powerbuilder and a web based front end developed in ASP or ASP.Net. Generally requires 2 or more developers.
Low to Moderate Complexity	SQL Server Database with under 20 tables. Typically has a web based front end developed in ASP or ASP.Net. Generally requires 1 developer.
Mobile Applications	Typically Use Web Services to access simple or complex SQL Server databases. Developed using Sencha.

Note: This is a listing of **examples** of the **types** of application complexity associated with the execution of the PWS. This is not a comprehensive listing of all applications. This listing is a representative example of the degree of complexity of new applications or application modifications. This is not a listing of authorized/approved projects for the performance of the contract.

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List 6: PWS 6.1 Historical Data Sample

Change Request	Title	Description	Scope	Date
ECR-2010-0021	DDMS Baseline	Baseline the DDMS System Engineering Management Plan primary business object Software Requirement Sets (Engineering Change Requests, Engineering Orders, Engineering Analysis, Requirement Change Requests, Lessons Learned, Test Request, Work Authorization Audit Object, Dissenting Opinions, and Key Decision Records)	Update approach to system architecture, processes to be utilized throughout the life of the system 'project' and individual requirement statements for all object functions, attributes, etc and the verification associated with each.	Mar-10
ECR-2011-0048	FY11 Update of DDMS	Updated the DDMS System Engineering Management Plan, as well as primary business object software requirements, and additional requirements for Problem Reports, Test Preparation Sheets, and Requirement Change Requests.	Update approach to system architecture, processes to be utilized throughout the life of the system 'project' and individual requirement statements for all object functions, attributes, etc and the verification associated with each. Additionally generated and baselined the DDMS Programmer's Manual, Project Management Plan, Hazard Analysis, User's Guide, and Software Assurance Classification Report.	Jun-11
ECR-2011-0066	Requirements Link and RCR Requirement Changes for DDMS	Updated the Software requirements and associated workflows on a development server, tested, verified performance pre and post deployment.	Update software documentation, user's guide, programmer's guide, and all system configuration, testing, and deployment validation efforts.	Sep-11
ECR-2012-039	SACR Requirements	Generation of a requirements set for the automation of the Software Assurance Classification Report object.	Generation of requirement objects, review and approval discussions with key stakeholders, documentation and baseline	Mar-12
ECR-2012-0040	Institutional Design Package release process move to DDMS	Add functionality to the system such that Institutional Design and Construction Package generation, routing, approval, and release workflows are automated in DDMS.	Included all object configuration, workflow coding, stakeholder meetings and training, testing, pre and post deployment verification, update to requirements/manuals/and other associated documentation.	Mar-12
ECR-2013-0011	Migration of Windchill from Version 9.1 to 10.1	Full System migration from previous version of the tool to 10.1	Includes all pre-deployment test migrations, workflow re-configurations necessary to ensure successful migration, documentation updates, testing, pre and post deployment verification, and training of all users.	Jan-13
EO-2012-0036	Add ability to capture and report on a user's organization	Add an organization column to the Verification and Validation Report to display organization of the user the verification task is currently assigned to.	Configure report script to pull additional data and format appropriately	Dec-11
EO-2012-0045	Change to TPS/PR Dispo Workflow	Move the CMO/Cal Management tasks in the Work Authorization Document (WAD) workflows to the end after all other routing has been completed.	Reconfiguration of the workflow, testing, demonstration to key stakeholders, training, and documentation updates required.	Jan-12

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**Attachment J-11 Historical Data, Sample Data**

**List 6: PWS 6.1 Historical Data Sample**

<b>Change Request</b>	<b>Title</b>	<b>Description</b>	<b>Scope</b>	<b>Date</b>
EO-2012-0062	Implement SAVE Button for Verification Item task support	Add a 'save' button to the verification item tasking to allow users to enter comments and save them for later editing prior to closeout of the task.	Update screen configuration and functionality to save the entry without processing the workflow.	Jan-12
EO-2012-0084	Updates to the ReqLink Tool Attributes	Update attribute options for the Requirement Objects	Update configuration of the objects to capture additional data, pull from new lists, and provide availability of attributes in searches and reports.	Feb-12
EO-2012-0086	EO Traceability fo Open Constraints Report alpha search restrictions	Update out of the box configuration option to force text in search fields to the correct format.	Update out of the box configuration option to force text in search fields to the correct format.	Feb-12
EO-2012-0141	Dispo Print/Verify Worksteps task text update	Update text on the Print/Verify Worksteps Tasks page	Update text on a task page - configure the page to display additional content.	May-12
EO-2012-0165	EO Workflow Updates	Updates to the EO workflow	Updates attribute titles for consistency, refactored code for improved performance, added personnel to the approval workflow for consistency with current work instructions.	Jul-12
EO-2012-0187	DDMS Engineering Object attribute consolidation changes	Cleanup Engineering Object attribute discrepancies and make workflows more efficient in preparation for Windchill 10 migration	Implement several requirement changes for improved performance and consistency	Sep-12
EO-2012-0193	DDMS Engineering Object Attribute Changes Phase II rollout	Cleanup Engineering Object attribute discrepancies and make workflows more efficient in preparation for Windchill 10 migration	Implement several requirement changes for improved performance and consistency	Sep-12
EO-2013-0040	EO SORD inclusion and Requirement Tool updates	SORD Attribute added to the EO object	Update requirements, documentation, and configuration of the EO object to allow SORDs to be routed through the appropriate personnel for approval.	Feb-13
EO-2013-0046	Modifications to DDMS email notifications	Changed the configuraiton of the automated email notification	Added object names/links and removed unnecessary data from the email template	Mar-13
EO-2013-0052	Patches and Updates to DDMS for April 2013	Update to various reports, and report link locations	Re-configured several reports to pull current data, as well as configured the interface to provide for report links in more accessible locations.	Apr-13
EO-2013-0057	Modifications to TPS and Action Item Attributes	Added attributes to the TPS and Action Items for the Component Shop	Updated the requirements set, developed and tested, updated users guide and other documentation, and deployed and verified to production.	May-13

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List 6: PWS 6.1 Historical Data Sample

Change Request	Title	Description	Scope	Date
EO-2013-0091	Install of PartsLink Module w/o data or classifications	Partslink Installation and basic configuration	Included pre-dpoyement testing and configuration determination, demonstrations to key stakeholders, and documentation updates; also included post-deployment verification	Sep-13
EO-2013-0092	Configure Windchill for NDC Authentication	Reconfigure system for authentication to agency source	Installed necessary code and configured to accept agency authentication protocols; updated documentation, pre- and post-testing and training.	Sep-13
EO-2014-0049	Update to SCR Workflow	Rollout Field Change Request functionality	Configure the Stennis Change Request object workflows and attributes to facilitate the FCR process for the Institutional personnel; included documentation, training, testing, and post-deployment verification.	Feb-14
EO-2014-0094	Implement RCR DDMS 0288	Add contrators to an allowable pull-down list	reconfigure pull-down list values to include support contractor personnel and ensure workflow routing works appropriately based upon the value selected.	Sep-14
EO-2014-0126	Modifications to PR and TPS to include software related routing and approval	Add attibutes and workflows to work authorization documents affecting software	Included new attributes to the TPS and PR objects and associated routing, documentation updates, testing, pre and post-deployment validation, and training of personnel	Sep-14

Note: This is a listing of **examples** of the **types** of development and sustainment activities associated with the execution of the PWS. This listing is a representative example of minor (Engineering Orders - EOs) and more significant (Engineering Change Requests - ECRs) executed over the last few years as part of PWS 6.1. The overall scope of the support from year to year has been consistent; however, the specific detailed content of the scope varies from year to year based upon Center priorities, enhancement/change complexity, potential improved performance or user experience, and risk to propulsion test operations.

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**List 7: RESERVED**

**June 25, 2015**

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**List 8: System, Software, and Development Environments Used for Information Technology Services**

**System, Software, and Development Environments Used for Information Technology Services**

**IT Configuration Control:** Configuration Control Tracking System (Developed In-house)

**Help Desk:** DK Helpdesk

**Records Management:** Adobe, Records Storage Tracking Inventory Database (Developed In-house)

**IT Security:** Rsam, McAfee Foundstone

**Cable Television:** Blonder Tongue, Motorola

**EPACS/CCTV:** Lenel, Pelco

**Institutional Applications Development:** ASP, ASP.net, Powerbuilder

**Science Applications Development:** ArcGIS, Matlab, ERDAS Imagine, ENVI

**Data Center Hardware:** Dell (server and storage), Brocade (SAN fabric), Oracle (tape library)

**Data Center Software:** Windows Server\*, Linux, Unix, Vmware ESX, DataCore Sansymphony

**Database Software:** MS SQL Server, Oracle

**PDLM:** PTC Windchill

**S&MA Applications:** Integrated Risk Management Application, Audit Tracking and Information System (GOTS)

\* Primary

Note: This is a listing of the "PRIMARY" hardware, software and development environments under the ITS. This is not a complete listing. The successful bidder will be required to support a range of products in these categories.