

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 12	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. 000213	3. EFFECTIVE DATE 03/04/2010	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Office of Procurement George C. Marshall Space Flight Ctr National Aeronautics and Space Administration Marshall Space Flight Center AL 35812	CODE MSFC	7. ADMINISTERED BY (If other than Item 6) NASA/Marshall Space Flight Center Brenda F. Tate (256) 544-7673 (256) 544-8993 Brenda F. Tate@nasa.gov	CODE MSFC
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATION INTL CORP Attn: Company 6, Technology Services Comp 10260 Campus Point Drive San Diego CA 92121-1152		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE CAGE - OT5L1	FACILITY CODE 103429	X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNM04AA02C	10B. DATED (SEE ITEM 13) 1/1/04

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103 (a) and Mutual Agreement
	D. OTHER (Specify type of modification and authority)

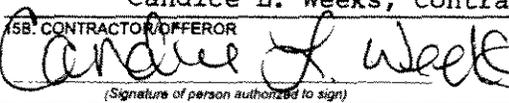
E. IMPORTANT: Contractor is not. is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purposes of this modification are to: (A) incorporate changes to Attachment J-1, Performance Work Statement (PWS), as Sections 2.0 Program Management, 3.0 Agency wide Information Services, reduce the scope in Section 5.0 MSFC Information Services, Agency-wide IT Network Management Strategy and Initiatives; and (B) definitize the Contractor's proposal SAIC-P-048 Revision 2, entitled Test Area (Credit), Protective Services, and GSFC Support dated February 4, 2010, and submitted in response to NASA/MSFC letter request for proposal PS31-J/AA02C-09-381 dated December 7, 2009. Accordingly, NNM04AA02C is modified as follows:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Candice L. Weeks, Contracts Mgr.		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) William (Bill) D Dehollander, Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 03/04/2010

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)																									
	<p>A. Under Section B, Clause B.2, Estimated Cost and Award Fee, the total potential Estimated Cost is increased by (b)(4) (base period) from (b)(4). The total Potential Award Fee is increased by (b)(4) (base period) from (b)(4). The total contract value is increased from \$1,299,416,387 by \$1,350,779 to \$1,300,767,166. The base period is reflected as CLINS 008, 010, and 011. Option Period 1 is reflected as CLINS 012, 014, and 015. The total Potential Estimated Cost for Option Period 1 is reduced by (b)(4) and the Potential Award Fee is reduced by (b)(4) for a total reduction of (b)(4). Option Period 2 is reflected as CLINS 017, 019, and 020. The Potential Estimated Cost for Option Period 2 is reduced by (b)(4) and the Potential Award Fee is reduced by (b)(4) for a total reduction of (b)(4). Option Period 3 is reflected as CLINS 022, 024, and 025. The Potential Estimated Cost for Option Period 3 is reduced by (b)(4) and Potential Award Fee is reduced by (b)(4) for a total reduction of (b)(4). Option Period 4 is reflected as CLINS 027, 029, and 030. The Potential Estimated Cost for Option Period 4 is reduced by (b)(4) and the Potential Award Fee is reduced by (b)(4) for a total reduction of (b)(4). Option Period 5 is reflected as CLINS 032, 034, and 035. The Potential Estimated Cost for Option Period 5 is reduced by (b)(4) and the Potential Award Fee is reduced by (b)(4) for a total reduction of (b)(4). Option Period 6 is reflected as CLINS 037, 039, and 040. The Potential Estimated Cost for Option Period 6 is reduced by (b)(4) and the Potential Award Fee is reduced by (b)(4) for a total reduction of (b)(4). The total contract value net increase is \$996,804 if all options are exercised. These amounts are based on the following breakouts in paragraph (a):</p> <p>SAIC-P-048 Revision 2</p> <p>Paragraph (a)</p> <table border="0"> <tr> <td>CLIN</td> <td>PWS</td> <td>Period Covered</td> <td>Estimated Cost</td> <td>Award Fee</td> </tr> <tr> <td>008</td> <td>3.0</td> <td>12/01/09-07/31/2010</td> <td>(b)(4)</td> <td>(b)(4)</td> </tr> <tr> <td>010</td> <td>5.0</td> <td>12/01/09-01/31/2010</td> <td>(b)(4)</td> <td>(b)(4)</td> </tr> <tr> <td>011</td> <td>2.0</td> <td>12/01/09-07/31/2010</td> <td>(b)(4)</td> <td>(b)(4)</td> </tr> <tr> <td colspan="3">Total Base</td> <td>\$1,274,320</td> <td>\$76,459 = \$1,350,779</td> </tr> </table> <p>Continued ...</p>	CLIN	PWS	Period Covered	Estimated Cost	Award Fee	008	3.0	12/01/09-07/31/2010	(b)(4)	(b)(4)	010	5.0	12/01/09-01/31/2010	(b)(4)	(b)(4)	011	2.0	12/01/09-07/31/2010	(b)(4)	(b)(4)	Total Base			\$1,274,320	\$76,459 = \$1,350,779				
CLIN	PWS	Period Covered	Estimated Cost	Award Fee																										
008	3.0	12/01/09-07/31/2010	(b)(4)	(b)(4)																										
010	5.0	12/01/09-01/31/2010	(b)(4)	(b)(4)																										
011	2.0	12/01/09-07/31/2010	(b)(4)	(b)(4)																										
Total Base			\$1,274,320	\$76,459 = \$1,350,779																										

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
Option 1					
	012 3.0 08/01/2010-08/31/2010 (b)(4)				
	014 5.0 02/01/2010-02/28/2010 (b)(4)				
	015 2.0 08/01/2010-08/31/2010 (b)(4)				
	Total Option 1 (\$17,955) (\$1,077) = (\$19,032)				
Option 2					
	017 3.0 09/01/2010-09/30/2010 (b)(4)				
	019 5.0 03/01/2010-03/31/2010 (b)(4)				
	020 2.0 09/01/2010-09/30/2010 (b)(4)				
	Total Option 2 (\$70,428) (\$4,226) = (\$74,654)				
Option 3					
	022 3.0 10/01/2010-10/31/2010 (b)(4)				
	024 5.0 04/01/2010-04/30/2010 (b)(4)				
	025 2.0 10/01/2010-10/31/2010 (b)(4)				
	Total Option 3 (\$79,201) (\$4,752) = (\$83,953)				
Option 4					
	027 3.0 11/01/2010-11/30/2010 (b)(4)				
	029 5.0 05/01/2010-05/31/2010 (b)(4)				
	030 2.0 11/01/2010-11/30/2010 (b)(4)				
	Total Option 4 (\$43,325) (\$2,599) = (\$45,924)				
Option 5					
	032 3.0 12/01/2010-12/31/2010 (b)(4)				
	034 5.0 06/01/2010-06/30/2010 (b)(4)				
	035 2.0 12/01/2010-12/31/2010 (b)(4)				
	Total Option 5 (\$53,319) (\$3,199) = (\$56,518)				
Option 6					
	037 3.0 01/01/2011-01/31/2011 (b)(4)				
	039 5.0 07/01/2010-07/31/2010 (b)(4)				
	040 2.0 01/01/2011-01/31/2011 (b)(4)				
	Total Option 6 (\$69,711) (\$4,183) = (\$73,893)				
<p>B. Under Section B, Clause B.3, Award Fee for Service Contracts, paragraph (i) is revised to reflect the adjusted Potential Award Fee pools for the periods affected by this definitization modification.</p>					
<p>C. Under Section B, Clause B.6, Contract Funding, an amount of (b)(4) is removed from Estimated Cost and (b)(4) is allocated to Continued ...</p>					

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Provisional Award Fee in order to provisionally fund (b)(4) of the Potential Award Fee for the base period. Contractor billing of provisional award fee for any period shall not exceed (b)(4) of the Potential Award Fee Pool available for that period. Balance of fee shall be paid upon allocation of Earned Award Fee as determined by the UNITEs Fee Determination Official.</p> <p>D. On the Standard Form 26, Award/Contract, Block 15G, the total contract value is increased by \$1,350,779 (from \$1,299,416,387 to \$1,300,767,166) in recognition of the actions taken in (A) above.</p> <p>E. Attachment J-1, Performance Work Statement, PWS Section 2.7.8 Protective Services is added, the GSFC is covered under PWS Section 3.6, Wide Area Network (WAN) Services, PWS Section 5.2.3, Test Area is removed, and PWS Section 5.4.3, Other Services, paragraphs D and L are replaced with PWS Section 2.7.8, Protective Services, the remainder of PWS Section 5.4.3 is removed.</p> <p>F. Attachment J-7, Small Business Subcontracting Plan, is amended to include the subcontracting plan supplement required by definitization of the referenced proposals for Test Area (Credit), Protective Services, and GSFC Support. It is noted that the definitized amount exceeds \$550,000 and adjusts the associated subcontract amounts. This plan is not numbered but is incorporated as part of Attachment J-7. Future subcontracting plan supplements will also be incorporated as part of this attachment. It is noted that the cumulative contract value associated with this plan supplement, and future plan supplements, will include contract value increases that fell below the threshold requiring submission of a small business subcontracting plan supplement, if applicable. Therefore, the cumulative value page of each supplement will also reflect definitization of these proposals.</p> <p>G. The modification(s) made above are reflected in total on the change page(s) enclosed herewith. In order to reflect the change(s) made, the page(s) listed below are hereby deleted from, or added to, NNM04AA02C. Either bolded text or a Continued ...</p>				

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NAME OF OFFEROR OR CONTRACTOR
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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>vertical change bar included in the right margin indicates the specific area(s) of change.</p> <p>Page(s) Deleted Page(s) Added</p> <p>B-2 (Mod. 206) B-2 (Mod. 213)</p> <p>B-3 (Mod. 206) B-3 (Mod. 213)</p> <p>B-4 (Mod. 202) B-4 (Mod. 213)</p> <p>B-5 (Mod. 202) B-5 (Mod. 213)</p> <p>B-12 (Mod. 212) B-12 (Mod. 213)</p> <p>J-1-14 (N/A) J-1-14 (Mod. 213)</p> <p>J-1-29 (Mod. 54) J-1-29 (Mod. 213)</p> <p>J-1-74 (Mod. 102) J-1-74 (Mod. 213)</p> <p>J-7Supplement 30 (Mod.202) J-7Supplement 31 (Mod.213)</p> <p>H. All other terms and conditions of contract NNM04AA02C remain unchanged.</p>				

B.2 ESTIMATED COST AND AWARD FEE

(a) The estimated cost and contract fees are as follows:

Contract Year	Period Covered	Estimated Cost	Base Fee	Earned Award Fee	Potential Award Fee
Base Year 1 CLIN 001	1/1/04-6/30/04	(b)(4)	(b)(4)	\$2,696,331	(b)(4)
Base Year 1 CLIN 001	7/1/04 - 12/31/04			\$4,851,221	
Base Year 2 CLIN 001	1/1/05-6/30/05			\$4,910,402	
Base Year 2 CLIN 001	7/1/05 - 12/31/05			\$5,162,909	
Base Year 3 CLIN 001	1/1/06-6/30/06			\$5,301,669	
Base Year 3 CLIN 001	7/1/06 - 12/31/06			\$5,385,246	
TOTAL Base				\$28,307,778	
Option Year 1 CLIN 003	1/1/07-6/30/07			\$5,659,411	
Option Year 1 CLIN 003	7/1/07 - 12/31/07			\$5,841,558	
TOTAL Opt. 1				\$11,500,969	
Option Year 2 CLIN 005	1/1/08-6/30/08			\$5,484,881	
Option Year 2 CLIN 005	7/1/08 - 12/31/08			\$5,926,837	
TOTAL Opt. 2				\$11,411,718	
11-Month Extension CLIN 007	1/1/09 - 6/30/09			\$6,246,604	
11-Month Extension CLIN 007	7/1/09 - 11/30/09				
Total 11-Month Extension					
14-Month Extension Base CLINs 008, 009, 010, & 011	12/1/09-07/31/10 & 12/01/09-01/31/10				
14-Month Extension Option 1 CLINs 012, 013, & 015	08/1/10-08/31/10				
14-Month Extension Option 1 CLINs 014 & 016	02/01/10-02/28/10				
14-Month Extension Option 2 CLINs 017, 018, & 020	09/1/10-09/30/10				

14-Month Extension Option 2 CLINs 019 & 021	03/01/10-03/31/10				
14-Month Extension Option 3 CLINs 022, 023, & 025	10/1/10-10/31/10				
14-Month Extension Option 3 CLINs 024 & 026	04/01/10-04/30/10				
14-Month Extension Option 4 CLINs 027, 028, & 030	11/1/10-11/30/10				
14-Month Extension Option 4 CLINs 029 & 031	05/01/10-05/31/10				
14-Month Extension Option 5 CLINs 032, 033, & 035,	12/1/10-12/31/10				
14-Month Extension Option 5 CLINs 034 & 036	06/01/10-06/31/10				
14-Month Extension Option 6 CLINs 037, 038, & 040	1/1/11-1/31/11				
14-Month Extension Option 6 CLINs 039 & 041	07/01/10-07/31/10				
	TOTAL	(b)(4)		\$57,467,069	(b)(4)

* AF denotes Award Fee
 ** SF denotes Subjective Fee
 ***OF denotes Objective Fee

(b) The estimated cost and award fees applicable to the base period and each option period are as follows:

CLIN	Qty.	Unit	Estimated Cost	Award Fee
BASIC PERIOD (January 1, 2004 thru December 31, 2006)				

001****	1	Job	(b)(4)	
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Estimated Amount	Maximum Amount
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002	1	ID/R	(b)(4)	
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****The total of Estimated Cost, Earned Award Fee, and Potential Award Fee associated with CLIN 001 shall not be exceeded unless revised by bilateral contract modification.

CLIN	Qty.	Unit	Estimated Cost	Award Fee
<u>OPTION PERIOD 1 (Jan. 1, 2007 thru Dec. 31, 2007) (Exercised)</u>				

003	1	Job	(b)(4)	
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Estimated Amount	Maximum Amount
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004	1	ID/R	(b)(4)	
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CLIN	Qty.	Unit	Estimated Cost	Award Fee
<u>OPTION PERIOD 2 (Jan. 1, 2008 thru Dec. 31, 2008) (Exercised)</u>				

005*	1	Job	(b)(4)	
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Estimated Amount	Maximum Amount
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006**	1	ID/R	(b)(4)	
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* No costs against CLINS 005 and 006 shall be expended prior to 1/1/08.
 **The actual value of CLIN 006 will be the summation of individual task orders issued pursuant to this clause and clauses B.7 and B.8. A reconciliation modification will be issued as required to reflect the current task order summation value in Clause B.2.

CLIN	Qty.	Unit	Estimated Cost	Award Fee
<u>11-Month Extension (Jan. 1, 2009 thru Nov. 30, 2009)</u>				

007*	1	Job	(b)(4)	
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* No costs against CLIN 007 shall be expended prior to 1/1/09 with the exception of the materials needed to sustain the program.

CLIN	Qty.	Unit	Estimated Cost	Award Fee
<u>14-Month Extension (Dec. 1, 2009 thru January 31, 2011)</u>				

Base 12/01/08-07/31/10 & 12/01/09-01/31/10 (All CLINS)

008	1	Job	(b)(4)	
009	1	Job	(b)(4)	
010	1	Job	(b)(4)	
011	1	Job	(b)(4)	

Option 1 08/01/10-08/31/10 (CLINS 012, 013, 015) & 02/01/10-02/28/10 (CLINS 014 & 016)

012	1	Job	(b)(4)	
013	1	Job	(b)(4)	
014	1	Job	(b)(4)	
015	1	Job	(b)(4)	
016	1	Job	(b)(4)	

Option 2 09/01/10-09/30/10 (CLINS 017, 018, & 020) & 03/01/10-03/31/10 (CLINS 019 & 021)

017	1	Job	(b)(4)	
018	1	Job	(b)(4)	
019	1	Job	(b)(4)	
020	1	Job	(b)(4)	
021	1	Job	(b)(4)	

CLIN	Qty.	Unit	Estimated Cost	Award Fee
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14-Month Extension (Dec. 1, 2009 thru January 31, 2011)

Option 3 10/01/10-10/31/10 (CLINS 022, 023, & 025) &
 04/01/10-04/30/10 (CLINS 024 & 026)

022	1	Job	(b)(4)	
023	1	Job	(b)(4)	
024	1	Job	(b)(4)	
025	1	Job	(b)(4)	
026	1	Job	(b)(4)	

Option 4 11/01/10-11/30/10 (CLINS 027, 028, & 030) &
 05/01/10-05/31/10 (CLINS 029 & 031)

027	1	Job	(b)(4)	
028	1	Job	(b)(4)	
029	1	Job	(b)(4)	
030	1	Job	(b)(4)	
031	1	Job	(b)(4)	

Option 5 12/01/10-12/31/10 (CLINS 032, 033, & 035) &
 06/01/10-06/30/10 (CLINS 034 & 036)

032	1	Job	(b)(4)	
033	1	Job	(b)(4)	
034	1	Job	(b)(4)	
035	1	Job	(b)(4)	
036	1	Job	(b)(4)	

Option 6 01/01/11-01/31/11 (CLINS 037, 038, & 040)
 07/01/10-07/31/10 (CLINS 039 & 041)

037	1	Job	(b)(4)	
038	1	Job	(b)(4)	
039	1	Job	(b)(4)	
040	1	Job	(b)(4)	
041	1	Job	(b)(4)	

(End of clause)

B.5 PREMIUM FOR SCHEDULED OVERTIME (MSFC--52.222-90) (FEB 2001)

Pursuant to the clause entitled "Payment for Overtime Premiums," the amount of overtime premium authorized shall not exceed the amount specified below for the indicated period.

<u>Period</u>	<u>Amount</u>
01/1/04 to 12/31/04	(b)(4)
01/1/05 to 12/31/05	
01/1/06 to 12/31/06	
01/1/07 to 12/31/07	
01/1/08 to 12/31/08	
01/1/09 to 11/30/09	
12/1/09 to 07/31/10	

(End of clause)

B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is (b)(4). This allotment is for performance in all areas and covers the following estimated period of performance: contract award through July 31, 2010.

(b) An additional amount of (b)(4) is obligated under this contract for payment of fees.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	(b)(4)		
Base Fee			
Provisional Award Fee (Funded at (b)(4))			
Award Fee Earned	\$57,467,069	\$0	\$57,467,069
Total Sum Allotted	\$1,297,810,811	\$0	\$1,297,810,811

(End of clause)

B.7 INDEFINITE DELIVERY/REQUIREMENTS

(a) The completion effort (definite quantity) of this contract is considered to be those services negotiated for the estimated cost and fees for the basic contract period and each priced option period. Work that cannot be sufficiently identified, predetermined, or quantified is identified as Requirements work.

Information Officer has established the criteria for this skills assessment. The objectives and procedures for this certification can be obtained by contacting the IT Security Awareness and Training Center at (216) 433-2063.

A system administrator is one who provides IT services, network services, files storage, or web services to someone else other than themselves and takes or assumes the responsibility for the security and administrative controls of that service or machine. A lead system administrator has responsibility for IT security for multiple computers or network devices represented within a system; ensuring all devices assigned to them are kept in a secure configuration (patched/mitigated); and ensuring that all other system administrators under their lead understand and perform IT security duties. An individual who has full access or arbitrate rights on a system or machine that is only servicing themselves does not constitute a "system administrator" since they are only providing or accepting responsibility for their system. Individuals that are only servicing themselves are not required to obtain a System Administrator Certification.

2.7.8 PROTECTIVE SERVICES

The contractor shall provide other services required to meet customer Requirements. These services include maintenance of existing capabilities, development or acquisition, and implementation of enhancements. In providing these services, the contractor shall:

- a. Provide and maintain the Marshall Access Control System (MACS), and the Video MACS (VMACS).
- b. Provide Criminal Forensic Support.

2.8 SAFETY

The contractor shall establish and implement an industrial safety, health, and environmental program and provide a Safety and Health Plan in accordance with DRD 974SA-001. The contractor's industrial safety, health, and environmental program shall incorporate the following Safety and Health Program Core Process Requirement (CPR) elements documented in MPG 8715.1:

- a. Management commitment and employee involvement in the safety and health program.
- b. System and worksite hazard analysis.
- c. Hazard prevention and control.
- d. Safety and health training.
- e. Environmental compliance.

The contractor shall report mishaps and safety statistics in accordance with DRD 974SA-002.

2.9 FACILITIES MANAGEMENT

The contractor shall implement and maintain a uniform system of managing the use of assigned facilities. In performance of this function, the contractor shall:

- a. Maintain documentation as a basis for requesting and recommending additional space and reallocation of assigned space or interior partitions (DRD 974MA-007).
- b. Maintain floor plans of all assigned facilities, including local MSFC-resident and remote Centers and gateways, to reflect the location of furniture, equipment, telephones, environmental systems and electrical services in equipment areas (DRD 974MA-007).

monitoring for anomalies and security break-in attempts must be accomplished.

- f. Provide management of users to include as required by the users: addition and deletion of userids, disk quotas, accounting and access control, utilization reports, consultation on advancing technologies, video and imaging support and data visualization (DRD 974MA-006 and (DRD 974MA-007).
- g. Provide backups and restoration of the systems including all system files, file systems, directories, and/or user files.

5.2.3 Test Area - Removed

5.2.4 National Space Science and Technology Center (NSSTC) and Other MSFC Remote Sites

The contractor shall provide IT requirements evaluation, engineering, software and hardware maintenance, operations, and system administration for the NSSTC and other MSFC remote sites.

5.2.4.1 Infrastructure Systems

In support of the infrastructure systems, the contractor shall:

- a. Monitor the physical cable plant, including 24x7 monitoring for environmental change in key areas; provide Uninterruptible Power Supply (UPS) maintenance and engineering; and dark fiber maintenance and engineering between MSFC and NSSTC.
- b. Engineer, operate and maintain NSSTC routers, firewalls, switches, Virtual Private Network (VPN) and dial-in devices, and IP Telephony systems.
- c. Engineer, operate and maintain infrastructure peripherals, such as network printers, electronic facsimile system, scanners, wireless access points and network based TV (IPTV) screens and systems.
- d. Engineer, operate and maintain infrastructure server systems, including web, e-mail, domain, IP Telephony and unified messaging servers, domain controllers for Active Directory, and other servers supporting core network functions (see services below).

5.2.4.2 Infrastructure Services

In support of the infrastructure services, the contractor shall:

- m. Provide, test, and maintain power fail telephones. Power fail telephone circuits do not connect to or go through the MSFC telephone system. The power fail telephones shall operate in the event the MSFC telephone system loses power or becomes inoperable.

5.4.2 Facsimile Service

The contractor shall provide facsimile services at MSFC. These services include maintenance of existing capabilities, development or acquisition, and implementation of enhancements. In providing this service, the contractor shall:

- a. Maintain the existing facsimile machines and services.
- b. Procure, install and maintain facsimile hardware and services including those appropriate for the transmission of Government classified documents.
- c. Procure, install and maintain facsimile hardware and software to integrate this service with MSFC electronic mail services.

5.4.3 Other Services – Removed