SOLICITATION, OFFER AND AWARD

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) →	RATING	PAGE	OF PAGES
	DO-C9	1	83

2. CONTRACT NUMBER	3. SOLICITATION NUMBER	4. TYPE OF SOLICITATION	5. DATE ISSUED	6. REQUISITION/PURCHASE NO.
NNK08OQ01C	NNK07204121R	☐ SEALED BID (IFB) ☒ NEGOTIATED (RFP)	09/14/2007	4200204121

7. ISSUED BY CODE
National Aeronautics and Space Administration
Procurement Office, Code OP-OS, Dunamis Pedraza
John F. Kennedy Space Center, FL 32899

8. ADDRESS OFFER TO *(If other than Item 7)*
NASA/KSC Central Industry Assistance Office
Bldg N6-1009, 7110 N. Courtenay Parkway (SR 3)
John F. Kennedy Space Center, FL 32899

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

SOLICITATION

9. Sealed offers in 1 original and 6 copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in See L.12 Proposal Submission until 3:00 pm local time April 16, 2008.

CAUTION — LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR INFORMATION CALL: →	A. NAME	B. TELEPHONE *(NO COLLECT CALLS)*			C. E-MAIL ADDRESS
		AREA CODE	NUMBER	EXT.	
	Dunamis T. Pedraza	(321)	867-4226		Dunamis.T.Pedraza@nasa.gov

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OFFER *(Must be fully completed by offeror)*

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 210 calendar days *(60 calendar days unless a different period is inserted by the offeror)* from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT *(See Section I, Clause No. 52.232-8)* →	10 CALENDAR DAYS %	20 CALENDAR DAYS %	30 CALENDAR DAYS %	CALENDAR DAYS %

14. ACKNOWLEDGMENT OF AMENDMENTS *(The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):*	AMENDMENT NO.	DATE	AMENDMENT NO.	DATE
	0001	9/18/2007	0004	2/22/2008
	0002	10/26/2007		
	0003	11/01/2007		

15A. NAME AND ADDRESS OF OFFEROR	CODE	FACILITY	16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER *(Type or print)*
	Innovative Health Applications LLC 8810 Astronaut Blvd. Cape Canaveral, FL 32920		Leroy P. Gross MD, MPH, FACPM Chairman

15B. TELEPHONE NUMBER			☐ 15C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.	17. SIGNATURE	18. OFFER DATE
AREA CODE	NUMBER	EXT.			
757	722-0526				April 16, 2008

AWARD *(To be completed by Government)*

19. ACCEPTED AS TO ITEMS NUMBERED	20. AMOUNT	21. ACCOUNTING AND APPROPRIATION
See Clause B.1 Contract Effective Date 10/01/2008	See Clause B.2	See Clause B.3 and G.14

22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:	23. SUBMIT INVOICES TO ADDRESS SHOWN IN *(4 copies unless otherwise specified)* →	ITEM G.3 NFS 1852.216-87 and G.18 DFARS 252.232-7003
☐ 10 U.S.C. 2304(c)( ) ☐ 41 U.S.C. 253(c)( )		

24. ADMINISTERED BY *(If other than Item 7)* CODE	25. PAYMENT WILL BE MADE BY CODE
	See Clause G.3

26. NAME OF CONTRACTING OFFICER *(Type or print)*	27. UNITED STATES OF AMERICA	28. AWARD DATE
Dudley R. Cannon, Jr	Dudley R Cannon Jr	8-4-08

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

B.1 SUPPLIES OR SERVICES

The contractor shall provide the below contract line items in accordance with Section C, paragraph C.1 under a Cost-Plus-Award Fee (CPAF) type arrangement except for those Contract Line Item Numbers (CLINs) designated as Firm-fixed Price (FFP) during the Period Of Performance (POP) indicated for each CLIN. The services or supplies to be provided are listed below in Table B.1-1.

The negotiated estimated contract (NEC) value is comprised of the estimated costs and maximum award fee, plus fixed prices as summarized in Table B.1-1, Contract Value.

Table B.1-1 CONTRACT VALUE

NASA-KSC BASE PERIOD - COST-PLUS AWARD FEE						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
001	Base Period	Provide Medical and Environmental Support in accordance with (IAW) the Performance Work Statement (PWS). (EXCLUDING PWS Sections: 2.5 and 6.0)	10/01/08 - 09/30/13			

NASA-KSC BASE PERIOD OF PERFORMANCE – FIRM-FIXED-PRICE				
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**PRICE**
002	Base Period	Provide Specialized Physician Support at a firm fixed price per event IAW PWS Section 2.5. Use Table B.1-2 for price breakdown.	10/01/08 - 09/30/13	

TOTAL FOR NASA-KSC BASE PERIOD COST-PLUS AND FIXED PRICE	

NASA-KSC FIRST OPTION PERIOD - COST-PLUS AWARD FEE						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
003	Option Period 1	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5 and 6.0)	10/01/13 - 09/30/14			

NASA-KSC FIRST OPTION PERIOD – FIRM-FIXED-PRICE				
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**PRICE**
004	Option Period 1	Provide Specialized Physician Support at a firm fixed price per event IAW PWS Section 2.5 for a period of one (1) year. Use Table B.1-2 for price breakdown.	10/01/13 - 09/30/14	

FIXED PRICE SUB-TOTAL FOR NASA-KSC FIRST OPTION PERIOD	$
TOTAL FOR NASA-KSC FIRST OPTION PERIOD CPAF and FFP	$

NASA-KSC SECOND OPTION PERIOD - COST-PLUS AWARD FEE						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
005	Option Period 2	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5 and 6.0)	10/01/14 - 09/30/15			

NASA-KSC SECOND OPTION PERIOD – FIRM-FIXED-PRICE				
CLIN	PERIOD	DESCRIPTION	POP	PRICE
006	Option Period 2	Provide Specialized Physician Support at a firm fixed price per event IAW PWS Section 2.5 for a period of one (1) year. See Table B.1-2 for price breakdown.	10/01/14 - 09/30/15	

FIXED PRICE SUB-TOTAL FOR NASA-KSC SECOND OPTION PERIOD	
TOTAL FOR NASA-KSC SECOND OPTION CPAF AND FIXED PRICE	
TOTAL ESTIMATED NASA-KSC CPAF AND FFP (BASE + OPTIONS)	

USAF BASE PERIOD - COST-PLUS AWARD FEE						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base Period	1. Provide Medical / Environmental Support described in PWS Section 6.0	10/01/08 - 09/30/13			

USAF OPTION PERIODS - COST-PLUS AWARD FEE						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
008	Option Period 1	1. Provide the services described in PWS Section 6.0	10/01/13 - 09/30/14			
009	Option Period 2	1. Provide the services described in PWS Section 6.0	10/01/14 - 09/30/15			
TOTAL ESTIMATED USAF CPAF (BASE + OPTIONS)						

B.1-2 Cost Breakdown for CLIN 001 by PWS Sections

TABLE B.1-2 COST BREAKDOWN FOR PWS BASELINE BASE PERIOD OF PERFORMANCE CLIN 001						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
001	Base - 1st Yr	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0; which are priced separately.)(EXCLUDES PWS sections: 2.2(h)–(j); 2.3.1(q); 2.6; 2.8; 2.9; 2.10(f)-(j); 2.11; 2.12; 3.4(v); 3.7(d); 4.4.3(d); 4.4.6; 4.7; 4.7.1; 4.7.2; 4.8; 4.9; 5.0; which will be effective October 1, 2009)	10/01/08 - 09/30/09			
001	Base - 2nd Yr	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0)	10/01/09 - 09/30/10			
001	Base - 3rd Yr	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0)	10/01/10 - 09/30/11			
001	Base - 4th Yr	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0)	10/01/11 - 09/30/12			
001	Base - 5th Yr	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0)	10/01/12 - 09/30/13			
SUB-TOTAL FOR CLIN 001 (Excluding PWS Sections 2.8, 2.9, 4.4.3 (e), 4.4.7.2)						

CLIN 001: PWS SECTIONS 4.4.3 – NEPA Services, 4.4.7.2 – ARCHEOLOGICAL AND HISTORIC PROPERTY SURVEYS (BASE PERIOD)						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
001	Base Period	Provide the services in PWS Sections 4.4.3 (e), and 4.4.7.2(e). [DO NOT PRICE]	10/01/08 - 09/30/13			
001	Base Period	Provide the services in PWS Sections 4.4.3(e), and 4.4.7.2 (e). [DO NOT PRICE]	10/01/08 - 09/30/13			
SUB-TOTAL FOR CLIN 001 (PWS Sections 4.4.3 and 4.4.7.2)				$	$	$

CLIN 001: PWS SECTION 2.8 FITNESS FACILITIES (BASE PERIOD)						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
001	Base - 1st Yr	PWS Section 2.8 - Fitness Facilities	10/01/08 - 09/30/09	N/A	N/A	N/A
001	Base - 2nd Yr	PWS Section 2.8 - Fitness Facilities	10/01/09 - 09/30/10			
001	Base - 3rd Yr	PWS Section 2.8 - Fitness Facilities	10/01/10 - 09/30/11			
001	Base - 4th Yr	PWS Section 2.8 - Fitness Facilities	10/01/11 - 09/30/12			
001	Base - 5th Yr	PWS Section 2.8 - Fitness Facilities	10/01/12 - 09/30/13			
TOTAL FOR CLIN 001 (PWS Section 2.8)						

CLIN 001: PWS SECTION 2.9 - MUSCULOSKELETAL REHABILITATION SERVICES (BASE PERIOD)						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
001	Base - 1st Yr	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/08 - 09/30/09	N/A	N/A	N/A
001	Base - 2nd Yr	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/09 - 09/30/10			
001	Base - 3rd Yr	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/10 - 09/30/11			
001	Base - 4th Yr	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/11 - 09/30/12			
001	Base - 5th Yr	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/12 - 09/30/13			
TOTAL FOR CLIN 001 (PWS Section 2.9)						

TABLE B.1-2 COST BREAKDOWN FOR PWS BASELINE FIRST OPTION PERIOD CLIN 003						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
003	Option Period 1	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0)	10/01/13 - 09/30/14			
003	Option Period 1	PWS Section 2.8 - Fitness Facilities	10/01/13 - 09/30/14			
003	Option Period 1	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/13 - 09/30/14			
003	Option Period 1	Provide the services in PWS Sections 4.4.3 (e), and 4.4.7.2(e). [DO NOT PRICE]	10/01/13 - 09/30/14	$	$	$
TOTAL FOR CLIN 003						

CLIN 005: PWS BASELINE - (SECOND OPTION PERIOD)						
CLIN	**PERIOD**	**DESCRIPTION**	**POP**	**ESTIMATED COST**	**MAXIMUM AWARD FEE**	**TOTAL CPAF**
005	Option Period 2	Provide Medical and Environmental Support IAW the PWS. (EXCLUDING PWS Sections: 2.5, 2.8, 2.9, 4.4.3 (e), 4.4.7.2, and 6.0)	10/01/14 - 09/30/15			
005	Option Period 2	PWS Section 2.8 - Fitness Facilities	10/01/14 - 09/30/15			
005	Option Period 2	PWS Section 2.9 - Musculoskeletal Rehabilitation	10/01/14 - 09/30/15			
005	Option Period 2	Provide the services in PWS Sections 4.4.3 (e), and 4.4.7.2(e). [DO NOT PRICE]	10/01/14 - 09/30/15	$	$	$
TOTAL FOR CLIN 005						

B.1-3 Price Breakdown for PWS Section 2.5 (CLINs 002, 004, and 006)

TABLE B.1-3 PRICE BREAKDOWN FOR PWS SECTION 2.5 BASE PERIOD					
YEAR 1 – CLIN 002					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches	10/01/08 - 09/30/09	5	EACH		
Specialized Medical Support for Launch Attempts	10/01/08 - 09/30/09	4	EACH		
Specialized Medical Support for Landings	10/01/08 - 09/30/09	3	EACH		
Specialized Medical Support for Landing Attempts	10/01/08 - 09/30/09	4	EACH		
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/08 - 09/30/09	50	EACH		
On-Site Simulations	10/01/08 - 09/30/09	4	EACH		
TOTAL FOR CLIN 002 – YEAR 1					
YEAR 2 – CLIN 002					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches	10/01/09 - 09/30/10	4	EACH		
Specialized Medical Support for Launch Attempts	10/01/09 - 09/30/10	3	EACH		
Specialized Medical Support for Landings.	10/01/09 - 09/30/10	3	EACH		
Specialized Medical Support for Landing Attempts	10/01/09 - 09/30/10	3	EACH		
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/09 - 09/30/10	30	EACH		
On-Site Simulations	10/01/09 - 09/30/10	4	EACH		
TOTAL FOR CLIN 002 – YEAR 2					
YEAR 3 – CLIN 002					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches.	10/01/10 - 09/30/11	0	EACH		$
Specialized Medical Support for Launch Attempts.	10/01/10 - 09/30/11	0	EACH		$
Specialized Medical Support for Landings.	10/01/10 - 09/30/11	0	EACH		$
Specialized Medical Support for Landing Attempts.	10/01/10 - 09/30/11	0	EACH		$

YEAR 3 – CLIN 002 (Cont.)					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/10 - 09/30/11	30	EACH		
On-Site Simulations	10/01/10 - 09/30/11	2	EACH		
TOTAL FOR CLIN 002 – YEAR 3					

YEAR 4 – CLIN 002					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches.	10/01/11 - 09/30/12	0	EACH		$
Specialized Medical Support for Launch Attempts.	10/01/11 - 09/30/12	0	EACH		$
Specialized Medical Support for Landings.	10/01/11 - 09/30/12	0	EACH		$
Specialized Medical Support for Landing Attempts.	10/01/11 - 09/30/12	0	EACH		$
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/11 - 09/30/12	30	EACH		
On-Site Simulation	10/01/11 - 09/30/12	2	EACH		
TOTAL FOR CLIN 002 – YEAR 4					$

YEAR 5 – CLIN 002					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches.	10/01/12 - 09/30/13	0	EACH		$
Specialized Medical Support for Launch Attempts.	10/01/12 - 09/30/13	0	EACH		$
Specialized Medical Support for Landings.	10/01/12 - 09/30/13	0	EACH		$
Specialized Medical Support for Landing Attempts.	10/01/12 - 09/30/13	0	EACH		$
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/12 - 09/30/13	30	EACH		
On-Site Simulations	10/01/12 - 09/30/13	2	EACH		
TOTAL FOR CLIN 002 – YEAR 5					$

TOTAL FOR THE BASE PERIOD PWS 2.5 (CLIN 002)	$

TABLE B.1-3 PRICE BREAKDOWN FOR PWS SECTION 2.5 OPTION PERIODS					
FIRST OPTION PERIOD - CLIN 004					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches	10/01/13 - 09/30/14	0	EACH		$
Specialized Medical Support for Launch Attempts	10/01/13 - 09/30/14	0	EACH		$
Specialized Medical Support for Landings	10/01/13 - 09/30/14	0	EACH		$
Specialized Medical Support for Landing Attempts	10/01/13 - 09/30/14	0	EACH		$
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/13 - 09/30/14	30	EACH		
On-Site Simulations	10/01/13 - 09/30/14	2	EACH		
TOTAL FOR FIRST OPTION PERIOD (CLIN 004)					

TABLE B.1-3 PRICE BREAKDOWN FOR PWS SECTION 2.5 (Cont.)					
SECOND OPTION PERIOD - CLIN 006					
DESCRIPTION	**POP**	**EST. QTY.**	**UNIT**	**UNIT PRICE**	**TOTAL FIXED PRICE**
Specialized Medical Support for Launches	10/01/14 - 09/30/15	0	EACH		$
Specialized Medical Support for Launch Attempts	10/01/14 - 09/30/15	0	EACH		$
Specialized Medical Support for Landings	10/01/14 - 09/30/15	0	EACH		$
Specialized Medical Support for Landing Attempts	10/01/14 - 09/30/15	0	EACH		$
One Annual Orientation and Training Course per person (Estimated Qty. is number of attendees)	10/01/14 - 09/30/15	30	EACH		
On-Site Simulations	10/01/14 - 09/30/15	2	EACH		
TOTAL FOR THE SECOND OPTION PERIOD (CLINS 006)					$
TOTAL FOR PWS SECTION 2.5 (CLINS 002, 004, and 006)					**$**

B.1-4 COST BREAKDOWN FOR PWS SECTION 6.0 – AIR FORCE SERVICES

The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to furnish the services below on a CPAF basis, and in accordance with MESC PWS section 6.0. The cost per PWS section shown in Table B.1-4 includes only the award fee associated with the USAF services listed below.

TABLE B.1-4 COST BREAKDOWN FOR PWS SECTION 6.0
BASE PERIOD OF PERFORMANCE

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 1st YEAR)

CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 1st Yr	PWS Section 6.1 -- Administration and General Requirements	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.2.2 -- Medical Consulting Services	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.2.3 -- Clinical Laboratories	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.3.1 -- Emergency Response	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.3.2 -- Industrial Hygiene	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.3.4 -- Health Physics	10/01/08 - 09/30/09			
007	Base - 1st Yr	PWS Section 6.4 -- Air Force Hazardous / Controlled Waste Mgmt.	10/01/08 - 09/30/09			
SUB-TOTAL FOR 1st BASE YEAR OF CLIN 007						

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 2nd YEAR)

CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 2nd Yr	PWS Section 6.1 -- Administration and General Requirements	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.2.2 -- Medical Consulting Services	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.2.3 -- Clinical Laboratories	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/09 - 09/30/10			

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 2nd YEAR) (Cont.)						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 2nd Yr	PWS Section 6.3.1 -- Emergency Response	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.3.2 -- Industrial Hygiene	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.3.4 -- Health Physics	10/01/09 - 09/30/10			
007	Base - 2nd Yr	PWS Section 6.4 -- Air Force Hazardous / Controlled Waste Mgmt.	10/01/09 - 09/30/10			
SUB-TOTAL FOR 2nd BASE YEAR OF CLIN 007						

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 3rd YEAR)						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 3rd Yr	PWS Section 6.1 -- Administration and General Requirements	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.2.2 -- Medical Consulting Services	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.2.3 -- Clinical Laboratories	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.3.1 -- Emergency Response	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.3.2 -- Industrial Hygiene	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.3.4 -- Health Physics	10/01/10 - 09/30/11			
007	Base - 3rd Yr	PWS Section 6.4 -- Air Force Hazardous / Controlled Waste Mgmt.	10/01/10 - 09/30/11			
SUB-TOTAL FOR 3rd BASE YEAR OF CLIN 007						

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 4th YEAR)						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 4th Yr	PWS Section 6.1 -- Administration and General Requirements	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.2.2 -- Medical Consulting Services	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.2.3 -- Clinical Laboratories	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.3.1 -- Emergency Response	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.3.2 -- Industrial Hygiene	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.3.4 -- Health Physics	10/01/11 - 09/30/12			
007	Base - 4th Yr	PWS Section 6.4 -- Air Force Hazardous / Controlled Waste Mgmt.	10/01/11 - 09/30/12			
SUB-TOTAL FOR 4th BASE YEAR OF CLIN 007						

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 5th YEAR)						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 5th Yr	PWS Section 6.1 -- Administration and General Requirements	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.2.2 -- Medical Consulting Services	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.2.3 -- Clinical Laboratories	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.3.1 -- Emergency Response	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.3.2 -- Industrial Hygiene	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/12 - 09/30/13			

CLIN 007: PWS SECTION 6.0 – USAF REQUIREMENTS (BASE PERIOD – 5th YEAR)						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
007	Base - 5th Yr	PWS Section 6.3.4 -- Health Physics	10/01/12 - 09/30/13			
007	Base - 5th Yr	PWS Section 6.4 -- Air Force Hazardous / Controlled Waste Mgmt.	10/01/12 - 09/30/13			
SUB-TOTAL FOR 5th BASE YEAR OF CLIN 007						
TOTAL FOR CLIN 007 (YEARS 1 THRU 5)						

TABLE B.1-4 COST BREAKDOWN FOR PWS SECTION 6.0 - OPTION PERIODS FIRST OPTION PERIOD - CLIN 008						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
008	Option Period 1	PWS Section 6.1 -- Administration and General Requirements	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.2.2 -- Medical Consulting Services	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.2.3 -- Clinical Laboratories	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.3.1 -- Emergency Response	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.3.2 -- Industrial Hygiene	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.3.4 -- Health Physics	10/01/13 - 09/30/14			
008	Option Period 1	PWS Section 6.4 -- Air Force Hazardous and Controlled Waste Management	10/01/13 - 09/30/14			
SUB-TOTAL FOR 1st OPTION YEAR - CLIN 008						

SECOND OPTION PERIOD - CLIN 009						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
009	Option Period 2	PWS Section 6.1 -- Administration and General Requirements	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.2.1 -- Air Force Occupational Medicine	10/01/14 - 09/30/15			

USAF REQUIREMENTS (SECOND OPTION PERIOD) - CLIN 009 (Cont.)						
CLIN	PERIOD	DESCRIPTION	POP	ESTIMATED COST	MAXIMUM AWARD FEE	TOTAL CPAF
009	Option Period 2	PWS Section 6.2.2 -- Medical Consulting Services	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.2.3 -- Clinical Laboratories	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.3 -- Air Force Environmental Health Services	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.3.1 -- Emergency Response	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.3.2 -- Industrial Hygiene	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.3.3 -- Sanitation and Public Health	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.3.4 -- Health Physics	10/01/14 - 09/30/15			
009	Option Period 2	PWS Section 6.4 -- Air Force Hazardous and Controlled Waste Management	10/01/14 - 09/30/15			
SUB-TOTAL FOR 2nd OPTION YEAR - CLIN 009						
TOTAL FOR USAF 6.0 (CLIN 007 THRU 009)						

(End of clause)

B.2 NFS 1852.216-85 ESTIMATED COST AND AWARD FEE (SEP 1993)

The estimated cost of this contract is $_____. The maximum available award fee, excluding base fee, if any, is $_____. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $_____.

(End of clause)

B.3 NFS 1852.232-81 CONTRACT FUNDING (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 $100,000. This allotment is for total contract cost, and covers the following estimated period of performance: TBD.

(b) An additional amount of $0 is obligated under this contract for payment of fee.

(c) Contract funding by Government Fiscal Year (GFY) is shown in the table below:

CLIN	Period	As of Mod No.	Funded Cost/ Price	Funded Award Fee	Total Funded Cost/Award Fee
001	GFY '09		$	$0	$
	GFY '10		TBD	TBD	TBD

	GFY '11		TBD	TBD	TBD
	GFY '12		TBD	TBD	TBD
	GFY '13		TBD	TBD	TBD
YEAR-TO-DATE CONTRACT FUNDING			$TBD	$TBD	$TBD

(End of clause)

B.4 SPECIAL COST REQUIREMENTS

The Contractor will be reimbursed for all allowable, allocable, and reasonable expenditures incurred in the performance of work under B.1, "Supplies or Services" of this contract subject to the following limitations:

A. PROVISIONAL INDIRECT BILLING RATES:

1. Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Ninety (90) days prior to each Government fiscal year, the contractor shall submit a proposal for the coming year's provisional billing rates, reference Table B.4-1. If during the course of any particular year should a significant disparity arise between the approved provisional billing rates and the actual rates, the contractor shall submit a proposal requesting consideration for revision of the provisional rates. After expiration of each fiscal year, the contractor shall adjust its billings to the actual rates not exceeding ceiling rates included in paragraph B below.

2. Not withstanding paragraph A.1 above and the terms of FAR 52.216-7, Allowable Cost and Payment, the provisional indirect rates will be examined at the conclusion of each contract year and, if necessary and warranted in the judgment of the Contracting Officer, may be adjusted upward or downward for future years. In no event shall the contractor be allowed to recover indirect costs incurred in past years in excess of the indirect ceiling rates specified in Table B.4-2.

TABLE B.4-1 PROVISIONAL INDIRECT BILLING RATES			
GFY	**Fringe Rate**	**Overhead Rate**	**G&A Rate**

B. INDIRECT CEILING RATES

1. Notwithstanding the terms of the FAR clause 52.216-7, Allowable Cost and Payment the contractor shall not be reimbursed for the indirect costs in excess of the established ceilings, per Government fiscal year, as shown in Table B.4-2.

C. RECALCULATION OF OVERTIME RATE

If bonuses are paid to hourly employees, the Contractor is required under 29 CFR§778.208 of the Fair Labor Standards Act to recalculate base rates for purposes of determining overtime pay for the period covered by the bonus payment. This will result in an additional one time, retroactive payment for overtime worked during the period. Such retroactive payments are considered expressly unallowable under this contract.

D. FRINGE BENEFITS

The contractor shall inform the Contracting Officer of all proposed changes in fringe benefits which may result in an increased cost to the contract as soon as practicable, but in any event, prior to such changes being implemented. Fringe benefits costs must comply with FAR 31.205-6(m), and in no case shall the resultant rate exceed the fringe ceiling rates identified in paragraph B above. Fringe benefits include, but are not limited to, such items as health insurance, life insurance, pension plans, retiree health care, savings plans, bonus plans, education assistance, and leave policies. Failure to comply with the terms of this clause may result in the disallowance of costs. Any payment for unused accrued sick leave shall be considered expressly unallowable costs under this contract.

E. TRANSFER OF ACCRUED BENEFITS

The contractor shall accept transfer of accrued sick leave balances earned on predecessor NASA-KSC contracts and unused by incumbent employees from the immediate predecessor contracts, NAS10-99001 and NAS10-02001, and shall recognize the sick leave and vacation leave accrual rates of incumbent personnel hired from the immediate predecessor contract, provided the employee had no break in service from the immediate predecessor contract exceeding 60 days prior to their hire for service on this contract. Costs associated with transferred sick leave hours shall be allowable costs for reimbursement under this contract only when used by the employee, and shall be allowable only to the extent used by the employee to receive pay for hours off work for approved medical purposes during a duty tour. All other lump sum or other sick leave payments for accrued sick leave shall be considered expressly unallowable costs under this contract.

F. SEVERANCE PAY

Not withstanding the provisions of FAR 31.205-6(g), reimbursement for severance pay shall be allowable only to the extent an employee is involuntarily terminated and as required by law. In no event shall the Contractor be reimbursed for the cost of severance pay for any individual contractor employee at the end of the contract period of performance. Severance pay pursuant to employer-employee agreement, implied agreement, or circumstances of the particular employment on the Contractor's part prior to the expiration of the contract shall be considered unallowable unless approved in advance by the Contracting Officer.

G. RELOCATION COSTS

Reimbursement for relocation costs shall be in accordance with the provisions of FAR Part 31.205-35, Relocation Costs. No relocation costs shall be reimbursable under this contract for employees whose residence at the time of hiring or assignment to this contract was within a fifty (50) mile radius of Kennedy Space Center, Florida. Relocation costs shall only apply to key personnel. The contractor shall not be entitled to reimbursement under this contract for cost of relocating employees to any other gaining

contractor activity or site that is not associated with this contract. In no event shall the reimbursement for relocation costs exceed $100,000 per fiscal year.

H. COSTS NOT SUBJECT TO FEE

The Contractor shall not apply fee to the following items: equipment, plant equipment, special tooling, special test equipment, office supplies, materials and supplies (including materials and supplies procured through subcontracts), interdivisional transfers (material only), relocation costs, leases, software licenses, IT equipment, travel, training, and NASA office supplies.

I. ADMINISTRATIVE LEAVE REIMBURSEMENT

A. When administrative leave is granted to Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), contractor personnel working in affected areas may be granted administrative leave to the extent such leave is in accord with the contractor's (i.e., employers') established leave-and-earnings policy and consistent with the contractor's performance under the contract. However, the contractor shall provide sufficient on-site personnel to perform requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative. The contractor shall not grant administrative leave in accordance with the circumstances above prior to coordination with and concurrence by the Contracting Officer.

B. Any costs associated with the contractor's grant of administrative leave shall be treated in accordance with the contract terms and other applicable cost principles and limitations, as determined by the Contracting Officer, including those set forth in FAR Part 31. In any event, additional costs associated with those employees not granted administrative leave will be expressly unallowable.

(End of clause)

[END OF SECTION]

C.1 SCOPE OF WORK

The contractor shall provide all personnel, materials, equipment, and facilities (except as otherwise provided for in this contract) necessary to perform those functions set forth in Attachment J-1, entitled "Performance Work Statement (PWS) for Medical and Environmental Support Contract (MESC)"

(End of clause)

C.2 DATA REQUIREMENTS LIST (DRL)

The contractor shall furnish all data identified and described in Section J, Attachment J-4 "Data Requirements List/Data Requirements Description (DRL/DRD) for Medical and Environmental Support Contract (MESC)," and all costs associated therewith are included in the estimated cost of the contract.

The Government reserves the right to delay the date of delivery of any or all DRDs specified in the DRL and such right may be exercised at no increase in the estimated cost. The Government also reserves the right to terminate the requirement for any or all DRDs specified in the DRL. In the event the Government exercises this latter right, the estimated cost shall be decreased in accordance with the Changes Clause.

To the extent that data required to be delivered under a DRL/DRD is also required to be delivered under another clause of the contract, the requirements established by both the DRL/DRD and such other contract clause shall apply. In the event of a conflict between the data requirements of the DRL/DRD and another contract clause, the contract clause shall take precedence.

Nothing contained in this DRL clause shall relieve the contractor from delivering data that is not identified and described in the DRL/DRD but, required under another clause of the contract.

(End of clause)

[END OF SECTION]

D.1 PACKAGING, HANDLING, AND TRANSPORTATION

The Contractor's packaging, handling, and transportation procedures may be used, in whole or in part, subject to the written approval of the Contracting Officer, provided (1) the Contractor's procedures are not in conflict with any requirements of this contract, and (2) the requirements of this contract shall take precedence in the event of any conflict with the Contractor's procedures.

(End of clause)

[END OF SECTION]

E.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
52.246-2	AUG 1996	INSPECTION OF SUPPLIES-FIXED PRICE
52.246-3	MAY 2001	INSPECTION OF SUPPLIES-- COST-REIMBURSEMENT
52.246-4	AUG 1996	INSPECTION OF SERVICES – FIXED PRICE
52.246-5	APR 1984	INSPECTION OF SERVICES-- COST-REIMBURSEMENT
52.246-16	APR 1984	RESPONSIBILITY FOR SUPPLIES

DEPARTMENT OF DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (DFARS) (48 CFR CHAPTER 2)

Note: These clauses apply only to work performed for the Department of Defense (DoD).

CLAUSE NUMBER	DATE	TITLE
252.246-7000	MAR 2003	MATERIAL INSPECTION AND RECEIVING REPORT

(End of clause)

E.2 FAR 52.246-11 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (FEB 1999)

The Contractor shall comply with the standard titled: ANSI/ISO/ASQ-Q9001-2000 "Quality Management Systems (QMS) – Requirements" in effect on the contract date, which is hereby incorporated into this contract. The Contractor shall become ANSI/ISO/ASQ-Q9001-2000 compliant within 12 months of contract effective date.

(End of clause)

E.3 NFS 1852.246-71 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (OCT 1988)

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

Inspection and acceptance of all work shall be performed at John F. Kennedy Space Center, Cape Canaveral Air Force Station, and such other places of performance or delivery of work required under this contract.

(End of clause)

E.4 NFS 1852.246-72 MATERIAL INSPECTION AND RECEIVING REPORT (AUG 2003)

(a) At the time of each delivery to the Government under this contract, the Contractor shall furnish a Material Inspection and Receiving Report (DD Form 250 series) prepared in three (3) copies (an original and two (2) copies).

(b) The Contractor shall prepare the DD Form 250 in accordance with NASA FAR Supplement 1846.6. The Contractor shall enclose the copies of the DD Form 250 in the package or seal them in a waterproof envelope, which shall be securely attached to the exterior of the package in the most protected location.

(c) When more than one package is involved in a shipment, the Contractor shall list on the DD Form 250, as additional information, the quantity of packages and the package numbers. The Contractor shall forward the DD Form 250 with the lowest numbered package of the shipment and print the words "CONTAINS DD FORM 250" on the package.

(End of clause)

E.5 INSPECTION AND ACCEPTANCE PROCEDURES FOR THE USAF REQUIREMENTS

Inspection of supplies/services provided to the USAF shall be in accordance with USAF requirements as specified in this contract. The USAF will confirm acceptance of supplies/ services after validating DRD and metric data.

(End of clause)

[END OF SECTION]

F.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
52.242-15	AUG 1989	STOP-WORK ORDER (ALTERNATE 1) (APR 1984)
52.247-34	NOV 1991	F.O.B. DESTINATION

(End of clause)

F.2 PLACE OF PERFORMANCE - SERVICES

The place of performance shall be the John F. Kennedy Space Center (KSC) and surrounding vicinities, Cape Canaveral Air Force Station, additional locations described in Section J, Attachment J-1 Performance Work Statement (PWS) for Medical and Environmental Support Contract (MESC), and at such other locations as may be approved in writing by the Contracting Officer.

(End of clause)

F.3 DELIVERY INSTRUCTIONS

(a) The Contractor shall ship the items required under this contract to:

[NASA mailing office address to be provided at time of award]

Marked for: MESC

Consignee: TBD

Contract Number: TBD

Organization/Office Code: TBD

Building No.: TBD

(b) Unless otherwise authorized in advance by the Contracting Officer, deliveries under this contract shall be made between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday, excluding Federal holidays.

(c) Additional delivery instructions: TBD

(d) Additional marking instructions: TBD

(End of clause)

[END OF SECTION]

G.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

A. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
1852.223-71	DEC 1988	FREQUENCY AUTHORIZATION
1852.227-70	MAY 2002	NEW TECHNOLOGY
1852.242-71	DEC 1988	TRAVEL OUTSIDE OF THE UNITED STATES
1852.242-73	NOV 2004	NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
1852.245-70	JUL 1997	CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT
1852.245-73	OCT 2003	FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS

B. THE FOLLOWING DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (DFARS) CLAUSES APPLY TO THE USAF WORK UNDER THIS CONTRACT:

CLAUSE NUMBER	DATE	TITLE
252.246-7000	MAR 003	MATERIAL INSPECTION AND RECEIVING REPORT

(End of clause)

G.2 NFS 1852.216-76 AWARD FEE FOR SERVICES CONTRACTS

(JUNE 2000)

(a) The contractor can earn award fee from a minimum of zero dollars to the maximum stated in NASA FAR Supplement clause 1852.216-85, "Estimated Cost and Award Fee" in this contract.

(b) Beginning twelve (12) months after the effective date of this contract, the Government shall evaluate the Contractor's performance every twelve (12) months to determine the amount of award fee earned by the contractor during the period. The Contractor may submit a self-evaluation of performance for each evaluation period under consideration. These self-evaluations will be considered by the Government in its evaluation. The

Government's Fee Determination Official (FDO) will determine the award fee amounts based on the Contractor's performance in accordance with Section J, Attachment J-10 Award Fee Evaluation Plan. The plan may be revised unilaterally by the Government prior to the beginning of any rating period to redirect emphasis.

(c) The Government will advise the Contractor in writing of the evaluation results. The Accounts Payable Section, Code GG-B-C2, will make payment based on issuance of a unilateral modification by contracting officer.

(d) After 85 percent of the potential award fee has been paid, the Contracting Officer may direct the withholding of further payment of award fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total potential award fee.

(e) The amount of award fee which can be awarded in each evaluation period is limited to the amounts set forth at B.1. Award fee which is not earned in an evaluation period cannot be reallocated to future evaluation periods.

(f)(1)Provisional award fee payments will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is the lesser of 60 percent or the prior period's evaluation score.

(2) Provisional award fee payments will be superseded by the final award fee evaluation for that period. If provisional payments exceed the final evaluation score, the Contractor will either credit the next payment voucher for the amount of such overpayment or refund the difference to the Government, as directed by the Contracting Officer.

(3) If the Contracting Officer determines that the Contractor will not achieve a level of performance commensurate with the provisional rate, payment of provisional award fee will be discontinued or reduced in such amounts as the Contracting Officer deems appropriate. The Contracting Officer will notify the Contractor in writing if it is determined that such discontinuance or reduction is appropriate.

(4) Provisional award fee payments will be made prior to the first award fee determination by the Government.

(g) Award fee determinations are unilateral decisions made solely at the discretion of the Government.

(End of clause)

G.3 NFS 1852.216-87 SUBMISSION OF VOUCHERS FOR PAYMENT

(MARCH 1998)

Note: These billing instructions apply only to the NASA CLINs as identified in paragraph B.2, Scope of Work and Contract Value.

(a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated below. Public vouchers for payment of costs shall include a reference to the number of this contract.

(b) (1) If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

NASA Shared Services Center (NSSC)
Financial Management Division (FMD) – Accounts Payable
Bldg 1111, C. Road
Stennis Space Center, MS 39529
Phone#: 1-877-677-2123
Fax: 1-866-209-5415
Email: NSSC-AccountsPayable@nasa.gov

(2) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(3) Copies of vouchers should be submitted as directed by the Contracting Officer.

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

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

John F. Kennedy Space Center, NASA
Accounting Control and Reporting Branch
GG-B-C2
Kennedy Space Center, Fl 32899

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

(i) Copy 1 NASA Contracting Officer

(ii) Copy 2 Auditor

(iii) Copy 3 Contractor

(iv) Copy 4 Contract administration office; and

(v) Copy 5 Project management office.

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

(d) Public vouchers for payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:

John F. Kennedy Space Center, NASA
Attn: Contracting Officer, OP-OS
Kennedy Space Center, FL 32899

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

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

(f) The contractor shall identify on each invoice any monthly and cumulative deviations from reported costs through the same period.

(End of clause)

G.4 NFS 1852.227-72 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (JULY 1997)

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

Title	Office Code	Address
New Technology Representative	KT	John F. Kennedy Space Center, NASA Attn: Technology Transfer Officer KT Kennedy Space Center, FL 32899
Patent Representative	CC-A	John F. Kennedy Space Center, NASA Attn: Randall Heald Patent Counsel CC-A Kennedy Space Center, FL 32899

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, should be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquiries or requests regarding disposition of rights, election of rights, or related matters should be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights--Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective

responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

(End of clause)

G. 5 NFS 1852.245-70 CONTRACTOR REQUESTS FOR GOVERNMENT-PROVIDED PROPERTY (DEVIATION) (SEPTEMBER 2007)

(a) The Contractor shall provide all property required for the performance of this contract. The Contractor shall not acquire or construct items of property to which the Government will have title under the provisions of this contract, without the Contracting Officer's written authorization. Property which will be acquired as a deliverable end item as material or as a component for incorporation into a deliverable end item is exempt from this requirement.

(b)(1) In the event the Contractor is unable to provide the property necessary for performance, and the Contractor requests provision of property by the Government, the Contractor's request shall:

(i) Justify the need for the property;

(ii) Provide the reasons why contractor-owned property cannot be used; and

(iii)Describe the property in sufficient detail to enable the Government to screen its inventories for available property or to otherwise acquire property, including applicable manufacturer, model, part, catalog, National Stock Number or other pertinent identifiers.

(iv) Combine requests for quantities of items with identical descriptions and estimated values when the estimated values do not exceed $100,000 per unit.

(v) Include only a single unit when the acquisition or construction value equals or exceeds $100,000.

(2) Contracting Officer authorization is required for items the Contractor intends to manufacture as well as those it intends to purchase.

(3) The Contractor shall submit requests to the Contracting Officer no less than 30 days in advance of the date the Contractor would, should it receive authorization, acquire or begin fabrication of the item.

(c) The Contractor shall maintain copies of Contracting Officer authorizations, appropriately cross-referenced to the individual property record, within its property management system.

(d) Property furnished from Government excess sources is provided as-is, where-is. The Government makes no warranty regarding its applicability for performance of the contract or its ability to operate. Failure of property obtained from Government excess sources under this clause is insufficient reason for submission of requests for equitable adjustments discussed in the Government Property clause at 52.245-1.

(End of clause)

G.6 NFS 1852.245-71 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (DEVIATION) (SEPTEMBER 2007)

(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 contracting officer under (b)(1)(iv). Under this clause, the Government retains accountability for, and title to, the property, and the Contractor comply with the following:

NASA Procedural Requirements (NPR) 4100, NASA Materials Inventory Management Manual

NASA Procedural Requirements (NPR) 4200, NASA Equipment Management Procedural Requirements

NASA Procedural Requirement (NPR) 4300, NASA Personal Property Disposal Procedural Requirements

Property not recorded in NASA property systems must be managed in accordance with the requirements of FAR 52.245-1.

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

(b)(1) The official accountable 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 Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the Contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

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

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

(iii) The Contractor shall establish a record of the property as required by FAR 52.245-1, Government Property, and furnish to the Industrial Property Officer a DD Form 1149, Requisition and Invoice/Shipping Document, (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the Contractor. The Contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the Contracting Officer and notification of the Industrial Property Officer. The property shall be considered Government furnished and the Contractor shall assume accountability and financial reporting responsibility. The Contractor shall assume accountability and financial reporting responsibility for such property. The Contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR 52.245-1, Government Property, 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 Contracting Officer.

(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.

X (3) Property listed in Section J, Attachment J-6.

(ii) 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.

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

X (4) Supplies from stores stock.

X (5) Publications and blank forms stocked by the installation.

X (6) Safety and fire protection for Contractor personnel and facilities.

___(7) Installation service facilities: None

X (8) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site 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 shall be provided on-site, as approved by the Contracting Officer.

(End of clause)

G.7 NFS 1852.245-73 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (DEVIATION) (SEPTEMBER 2007)

(a) The Contractor shall submit annually a NASA Form (NF) 1018, NASA Property in the Custody of Contractors, in accordance with the provisions of 1845.505-14, the instructions on the form, subpart 1845.71, and any supplemental instructions for the current reporting period issued by NASA.

(b)(1) Subcontractor use of NF 1018 is not required by this clause; however, the Contractor shall include data on property in the possession of subcontractors in the annual NF 1018.
(2) The Contractor shall mail the original signed NF 1018 directly to the cognizant NASA Center Deputy Chief Financial Officer, Finance, unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.
(3) One copy shall be submitted (through the Department of Defense (DOD) Property Administrator if contract administration has been delegated to DOD) to the following address: N/A, unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.

(c)(1) The annual reporting period shall be from October 1 of each year through September 30 of the following year. The report shall be submitted in time to be received by October 15. The information contained in these reports is entered into the NASA accounting system to reflect current asset values for agency financial statement purposes. Therefore, it is essential that required reports be received no later than October 15. Some activity may be estimated for the month of September, if necessary, to ensure the NF 1018 is received when due. However, contractors' procedures must document the process for developing these estimates based on planned activity such as planned purchases or NASA Form 533 (NF 533 Contractor Financial Management Report) cost estimates. It should be supported and documented by historical experience or other corroborating evidence, and be retained in accordance with FAR Subpart 4.7, Contractor Records Retention. Contractors shall validate the reasonableness of the estimates and associated methodology by comparing them to the actual activity once that data is available, and adjust them accordingly. In addition, differences between the estimated cost and actual cost must be adjusted during the next reporting period. Contractors shall have formal policies and procedures, which address the validation of NF 1018 data, including data from subcontractors, and the identification and timely reporting of errors. The objective of this validation is to ensure that information reported is accurate and in compliance with the NASA FAR Supplement. If errors are discovered on NF 1018 after submission, the contractor shall contact the cognizant NASA Center Industrial Property Officer (IPO) within 30 days after discovery of the error to discuss corrective action.

(2) The Contracting Officer may, in NASA's interest, withhold payment until a reserve not exceeding $25,000 or 5 percent of the amount of the contract, whichever is less, has been set aside, if the Contractor fails to submit annual NF 1018 reports in accordance with 1845.505-14 and any supplemental instructions for the current reporting period issued by NASA. Such reserve shall be withheld until the Contracting Officer has determined that NASA has received the required reports. The withholding of any amount or the subsequent payment thereof shall not be construed as a waiver of any Government right.

(d) A final report shall be submitted within 30 days after disposition of all property subject to reporting when the contract performance period is complete in accordance with (b)(1) through (3) of this clause.

(End of clause)

G.8 NFS 1852.245-74 IDENTIFICATION AND MARKING OF GOVERNMENT EQUIPMENT (DEVIATION) (SEPTEMBER 2007)

(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 Handbook. This includes deliverable equipment listed in the schedule and other equipment when 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) Property shall be marked in a location that will be human readable, without disassembly or movement of the property, 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 items physically transferred under paragraph (a) the following additional data is required:

(1) Date originally placed in service.

(2) Item condition.

(3) Date last serviced.

(e) The data required in paragraphs (c) and (d) shall be delivered to the NASA center receiving activity listed below:

MESC Contracting Officer, Mailstop OP-OS

(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)

G.9 NFS 1852.245-75 PROPERTY MANAGEMENT CHANGES (DEVIATION) (SEPTEMBER 2007)

(a) The Contractor shall submit any changes to standards and practices used for management and control of Government property under this contract to the assigned property administrator and Industrial Property Officer (IPO), prior to making the change whenever the change --

(1) Employs a standard that allows increase in thresholds or changes the timing for reporting loss, damage, or destruction of property;

(2) Alters physical inventory timing or procedures;

(3) Alters recordkeeping practices;

(4) Alters practices for recording the transport or delivery of Government property; or

(5) Alters practices for disposition of Government property.

(b) The Contractor shall contact the IPO at:

NASA-KSC Industrial Property Officer: Cynthia R. Jarvis
Attn: Mail Code: TA-E1/Logistics and Services Branch
Kennedy Space Center, FL 32899
(321) 867-3421
Cynthia.R.Jarvis@nasa.gov

(End of clause)

G.10 NFS 1852.245-76 LIST OF GOVERNMENT PROPERTY FURNISHED PURSUANT TO FAR 52.245-1 (DEVIATION) (SEPTEMBER 2007)

(a) For performance of work under this contract, the Government will make available Government property identified below or in Attachment J-6 of this contract on a no-charge-for-use basis pursuant to the clause at FAR 52.245-1, Government Property. The Contractor shall use this property in the performance of this contract at Kennedy Space Center, Cape Canaveral Air Force Station and at other location(s) as may be approved by the Contracting Officer. Under FAR 52.245-1, Government Property the Contractor is accountable for the identified property.

Item Description	Acquisition Date	Acquisition Cost	Quantity	If equipment		
				Manufacturer	Model	Serial Number
Reference Section J, Attachment J-6						

(b) For performance of work under this contract, and in accordance with FAR 52.245-2, Government Property Installation Operation Services the Government will make available Government property identified below or in Attachment J-14 of this contract on a no-charge-for-use basis. The Contractor shall use this property in the

performance of this contract at Kennedy Space Center, Cape Canaveral Air Force and at other location(s) as may be approved by the Contracting Officer.

(End of clause)

G.11 NFS 1852.245-77 LIST OF GOVERNMENT PROPERTY FURNISHED PURSUANT TO FAR 52.245-2 (DEVIATION) (SEPTEMBER 2007)

For performance of work under this contract, the Government will make available Government property identified below or in Attachment J-14 of this contract on a no-charge-for-use basis pursuant to FAR 52.245-2, Government Property Installation Operation Services. The Contractor shall use this property in the performance of this contract at Kennedy Space Center, Cape Canaveral Air Force and at other location(s) as may be approved by the Contracting Officer.

Item Description	Acquisition Date	Acquisition Cost	Quantity	If equipment		
				Manufacturer	Model	Serial Number
Reference Section J, Attachment J-14						

(End of clause)

G.12 NFS 1852.245-78 PHYSICAL INVENTORY OF CAPITAL PERSONAL PROPERTY (DEVIATION) (SEPTEMBER 2007)

(a) In addition to physical inventory requirements under the clause at FAR 52.245-1, Government Property, the Contractor shall conduct annual physical inventories for individual property items with an acquisition cost exceeding $100,000.

(1) The Contractor shall inventory --

(i) Items of property furnished by the Government;

(ii) Items acquired by the Contractor and titled to the Government under the clause at FAR 52.245-1;

(iii) Items constructed by the Contractor and not included in the deliverable, but titled to the Government under the clause at FAR 52.245-1; and

(iv) Complete but undelivered deliverables.

(2) The Contractor shall use the physical inventory results to validate the property record data, specifically location, condition and use status, and to prepare summary reports of inventory as described in paragraph (c) of this clause.

(b) Unless specifically authorized in writing by the NASA Industrial Property Officer (IPO), the inventory shall be performed and posted by individuals other than those assigned custody of the items, responsibility for

maintenance, or responsibility for posting to the property record. The Contractor may request a waiver from this separation of duties requirement from the NASA IPO, when all of the conditions in either (1) or (2) below are met.

(1) The Contractor utilizes an electronic system for property identification, such as a laser bar-code reader or radio frequency identification reader, and

(i) The programs or software preclude manual data entry of inventory identification data by the individual performing the inventory; and

(ii) The inventory and property management systems contain sufficient management controls to prevent tampering and assure proper posting of collected inventory data.

(2) The Contractor has limited quantities of property, limited personnel, or limited property systems; and,

(i) The Contractor provides written confirmation that the Government property exists in the recorded condition and location; and

(ii) The items continue to be used exclusively for performance of the contract or as otherwise authorized by the Contracting Officer.

(3) The Contractor shall submit the request to the cognizant property administrator and obtain approval from the IPO prior to implementation of the practice.

(c) The Contractor shall report the results of the physical inventory to the property administrator and the NASA Industrial Property Officer within 10 calendar days of completion of the physical inventory. The report shall --

(1) Provide a summary showing number and value of items inventoried; and

(2) Include additional supporting reports of --

(i) Loss, damage or destruction, in accordance with the clause at 52.245-1, Government Property;

(ii) Idle property available for reuse or disposition; and

(iii) A summary of adjustments made to location, condition, status, or user as a result of the physical inventory reconciliation.

(d) The Contractor shall retain all physical inventory records, including records of all transactions associated with inventory reconciliation. All records shall be subject to Government review and/or audit.

(End of clause)

G. 13 NFS 1852.245-82 OCCUPANCY MANAGEMENT REQUIREMENTS (DEVIATION) (SEPTEMBER 2007)

(a) In addition to the requirements of the clause at FAR 52.245-1, Government Property, the Contractor shall comply with the following in performance of work in and around Government real property:

(1) NPD 8800.14, Policy for Real Property Management.

(2) NPR 8831.2, Facility Maintenance Management

[*Insert any additional Center occupancy requirements here*]

(b) The Contractor shall obtain the written approval of the Contracting Officer before installing or removing Contractor-owned property onto or into any Government real property or when movement of Contractor-owned property may damage or destroy Government-owned property. The Contractor shall restore damaged property to its original condition at the Contractor's expense.

(c) The Contractor shall not acquire, construct or install any fixed improvement or structural alterations in Government buildings or other real property without the advance, written approval of the Contracting Officer. Fixed improvement or structural alterations, as used herein, means any alteration or improvement in the nature of the building or other real property that, after completion, cannot be removed without substantial loss of value or damage to the premises. Title to such property shall vest in the Government.

(d) The Contractor shall report any real property or any portion thereof when it is no longer required for performance under the contract, as directed by the Contracting Officer.

(End of clause)

G.14 FUNDING FOR USAF REQUIREMENTS

A. The USAF is an authorized Direct Funding Activity under this contract. The USAF will issue separate unilateral Funding Orders to incrementally fund the USAF requirements.

B. The Funding Order will contain at a minimum:

1. Contract number and Funding Order number
2. Effective date of the order
3. Break-out amounts by current funded, and cumulative funded total estimated cost and award fee by applicable Sub-CLIN
4. Accounting and appropriations data

C. The Contractor shall provide acknowledgement of receipt to the USAF Contracting Officer and NASA Contracting Officer within two working days after receipt of the Funding Order.

D. The USAF Contracting Officer may modify Funding Orders unilaterally to increase funding on the Funding Order, but funding decreases will be done via bilateral modification.

(End of clause)

G.15 TOTAL AVAILABLE AWARD FEE SCHEDULE

The amount of award fee earned shall be determined in accordance with Section J, Attachment J-10, Award Fee Evaluation Plan, and G.2, 1852.216-76 Award Fee for Service Contracts. The following tables specify the award fee available and award fee earned. For purposes of NASA and the USAF funding the award fee pool, the Total Available Award Fee Pool shall be initially split 84% NASA and 16% USAF and adjusted annually. NASA will make monthly provisional award fee payments, and a final earned award fee payment in accordance with paragraphs G.2 and G.3. The USAF will make award fee payments following the final award fee determination in accordance with G.16 and G.18.

TABLE G.15-1A AVAILABLE AND EARNED FEE FOR NASA REQUIREMENTS

Evaluation Period	CLINs	Available Fee	Earned Fee	Score	Rating
Base Period of Performance from 10/1/2008 to 9/30/2013					
10/01/2008 - 09/30/2009	TBD	$TBD	$TBD	TBD	TBD
10/01/2009 - 09/30/2010	TBD	$TBD	$TBD	TBD	TBD
10/01/2010 - 09/30/2011	TBD	$TBD	$TBD	TBD	TBD
10/01/2011 - 09/30/2012	TBD	$TBD	$TBD	TBD	TBD
10/01/2012 - 09/30/2013	TBD	$TBD	$TBD	TBD	TBD
First Option Period of Performance from 10/1/2013 to 9/30/2014					
10/01/2013 - 09/30/2014	TBD	$TBD	$TBD	TBD	TBD
Second Option Period of Performance from 10/1/2014 to 9/30/2015					
10/01/2014 - 09/30/2015	TBD	$TBD	$TBD	TBD	TBD
Total		$	$		

TABLE G.15-1B AVAILABLE AND EARNED FEE FOR USAF REQUIREMENTS

Evaluation Period	CLINs	Available Fee	Earned Fee	Score	Rating
Base Period of Performance from 10/1/2008 to 9/30/2013					
10/01/2008 - 09/30/2009	TBD	$TBD	$TBD	TBD	TBD
10/01/2009 - 09/30/2010	TBD	$TBD	$TBD	TBD	TBD
10/01/2010 - 09/30/2011	TBD	$TBD	$TBD	TBD	TBD
10/01/2011 - 09/30/2012	TBD	$TBD	$TBD	TBD	TBD
10/01/2012 - 09/30/2013	TBD	$TBD	$TBD	TBD	TBD
First Option Period of Performance from 10/1/2013 to 9/30/2014					
10/01/2013 - 09/30/2014	TBD	$TBD	$TBD	TBD	TBD
Second Option Period of Performance from 10/1/2014 to 9/30/2015					
10/01/2014 - 09/30/2015	TBD	$TBD	$TBD	TBD	TBD
Total		$	$		

(End of clause)

G.16 USAF AWARD FEE PAYMENTS

The Contractor shall invoice the USAF directly for earned award fee on an annual basis following the final award fee determination after each award fee period.

(End of clause)

G.17 NASA-USAF COST ALLOCATION INVOICING INSTRUCTIONS

A. The Contractor shall invoice both the NASA and USAF separately for actual costs incurred under PWS Section 1.0 as follows:

1. All invoicing shall be in accordance with paragraph G.3, NFS 1852.216-87 Submission of Vouchers for Payment for NASA, and paragraph G.18, DFARS 252.232-7003 Electronic Submission of Payment Requests For USAF.

2. Indirect costs for PWS 1.0 - the contractor shall separately apportion and invoice NASA and USAF for the indirect costs of performing the work under this section in accordance with the cost share ratios identified in Table G.17-1 below.

3. Direct costs and associated indirect costs, attributable to NASA and the USAF shall be invoiced by citing the appropriate CLIN as identified in B.2, Scope of Work and Contract Value.

4. Routine direct and indirect costs reporting requirements are outlined in DRD 1.5-007, Report, Direct and Indirect Rates.

5. All indirect costs shall be fully allocated each month to the appropriate CLIN's on the share ratios identified in Table G.17-1 below.

TABLE G.17-1 -- NASA-USAF COST SHARE RATIOS FOR PWS SECTION 1.0

NASA-KSC BASE PERIOD OF PERFORMANCE FROM 10/1/2008 TO 09/30/2013		
CLIN	TYPE	COST SHARE RATIOS*
001	Base Period - First Year	TBD
001	Base Period - Second Year	TBD
001	Base Period - Third Year	TBD
001	Base Period - Fourth Year	TBD
001	Base Period - Fifth Year	TBD
NASA-KSC FIRST OPTION PERIOD OF PERFORMANCE FROM 10/1/2013 TO 09/30/2014		
003	First Option Period	TBD
NASA-KSC SECOND OPTION PERIOD OF PERFORMANCE FROM 10/1/2014 TO 09/30/2015		
005	Second Option Period	TBD

USAF BASE PERIOD OF PERFORMANCE FROM 10/1/2008 TO 09/30/2013		
007	Base Period - First Year	TBD
007	Base Period - Second Year	TBD
007	Base Period - Third Year	TBD
007	Base Period - Fourth Year	TBD
007	Base Period - Fifth Year	TBD
USAF FIRST OPTION PERIOD OF PERFORMANCE FROM 10/1/2013 TO 09/30/2014		
008	USAF Option 1 - CPAF	TBD
USAF SECOND OPTION PERIOD OF PERFORMACE FROM 10/1/2014 TO 09/30/2015		
009	USAF Option 2 - CPAF	TBD

* To be negotiated prior to award.

6. On a semi-annual basis, the Contractor shall perform reconciliation for each CLIN to ensure that the sum of direct, indirect, and shared cost dollars equals the total actual costs. All adjustments resulting from the periodic reconciliations shall be made to the appropriate CLINs and shall be reflected separately in costs reported and be identified on the invoices so that the adjustments are clearly shown.

B. In accordance with FAR 52.216-7 Allowable Cost and Payment (Dec 2002) (a) Invoicing, the Contractor shall submit separate invoices for NASA and the USAF on a monthly basis. NASA invoices shall be submitted in accordance with paragraph G.3, Submission of Vouchers for Payment. USAF invoices shall be submitted in accordance with G.18, DFARS 252.232-7003 Electronic Submission of Payment Requests.

C. In accordance with FAR 52.232-22, Limitation of Funds (Apr 1984) (b), notification that 80% of funded costs have been expended shall be reported at the CLIN (NASA/USAF) level.

(End of clause)

G.18 DFARS 252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS FOR USAF

Note: These billing instructions apply only to the USAF Sub-CLINs as identified in B.1, Supplies or Services.

A. *Definitions*. As used in this clause—

1. "Contract financing payment" and "invoice payment" have the meanings given in section 32.001 of the Federal Acquisition Regulation.

2. "Electronic form" means any automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, e-mail, and scanned documents are not acceptable electronic forms for submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using one of the electronic forms provided for in paragraph (b) of this clause.

3. "Payment request" means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.

B. The Contractor shall submit payment requests using Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA). Information regarding WAWF-RA is available on the Internet at https://wawf.eb.mil.

C. The Contractor may submit a payment request in non-electronic form only when:

1. DoD is unable to receive a payment request in electronic form; or

2. The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor. In such cases, the Contractor shall include a copy of the Contracting Officer's determination with each request for payment.

D. The Contractor shall submit any non-electronic payment requests using the method or methods specified in Section G of the contract.

E. In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.

(End of clause)

[END OF SECTION]

H.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
1852.208-81	OCT 2004	RESTRICTIONS ON PRINTING AND DUPLICATING
1852.223-70	APR 2002	SAFETY AND HEALTH
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.225-70	FEB 2000	EXPORT LICENSES -- Insert in Paragraph (b): Kennedy Space Center, FL
1852.228-72	SEP 1993	CROSS-WAIVER OF LIABILITY FOR SPACE SHUTTLE SERVICES
1852.228-76	DEC 1994	CROSS-WAIVER OF LIABILITY FOR SPACE STATION ACTIVITIES
1852.228-78	SEP 1993	CROSS-WAIVER OF LIABILITY FOR NASA EXPENDABLE LAUNCH VEHICLE (ELV) LAUNCHES
1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE II) (OCT 2000)
1852-246-70	MAR 1997	MISSION CRITICAL SPACE SYSTEM PERSONNEL RELIABILITY PROGRAM
1852.247-71	MAR 1989	PROTECTION OF THE FLORIDA MANATEE

(End of clause)

H.2 1852.209-71 Limitation of Future Contracting (DEC 1988)

(a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5--Organizational Conflicts of Interest.

(b) The nature of this conflict is where the contractor acts as a consultant to NASA in the determination of requirements, and in the preparation of a statement of work.

(c) The restrictions upon future contracting are as follows:

(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 that are to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described in that solicitation as a prime or first-tier subcontractor under an ensuing NASA contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). NASA shall not unilaterally require the Contractor to prepare such specifications or statements of work 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, and as long as these data remain proprietary or confidential, the Contractor shall protect these data from unauthorized use and disclosure and agrees not to use them to compete with those other companies.

(End of clause)

H.3 NFS 1852.235-71 KEY PERSONNEL AND FACILITIES (MAR 1989)

(a) The personnel and/or facilities specified in the contract Schedule are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities:

Name of Personnel:	Position:
TBP	TBP

(End of clause)

H.4 KSC 52.204-96 SECURITY CONTROLS FOR KSC AND CCAFS (NOV 2006)

A. Identification of Employees:

1. Badging

(a) Kennedy Space Center (KSC) badging is mandatory for all contractor personnel (e.g. administrative, technical, Architect and Engineering, supervisory, construction crafts, etc.) who require access into

KSC or Cape Canaveral Air Force Station (CCAFS). The contractor shall require each employee, and each subcontractor employee who require access to KSC or CCAFS to obtain identification badges, and special controlled area access badges, as necessary. Identification and badging of employees must be completed prior to issuance of a Notice to Proceed by the Contracting Officer, if applicable, or commencement of activities by unbadged employees.

(b) Prior to proceeding with performance, the contractor shall submit the following information to the Contracting Officer, who will certify it and pass the information on to the Badging Office:

i. Contract number and location of work site(s);

ii. Contract commencement and completion dates;

iii. Status as prime or subcontractor; and,

iv. Name of the contractor designated security/badging official. (Designated badging officials must receive a badging briefing, identifying badging requirements/restrictions, prior to being authorized as badging officials.)

(c) During performance of this contract, issued badges shall be worn by contractor employees and prominently displayed at all times while on KSC or CCAFS property, unless wearing the badge creates a safety hazard. Upon termination of an employee, or completion/termination of the contract, the contractor shall immediately deliver such employee's identification and access badge(s) to the Security Badging office, either at a Pass and Identification Station (PIDS) or in the Visitor Records Center, Room 1470, KSC Headquarters Building. NASA Identification badges remain the property of NASA and the Government reserves the right to invalidate/confiscate such badges at any time.

(d) To ensure timely and efficient issuance of identification and special access badges to contractor personnel, immediately after contract award but prior to notice to proceed or work on-site, the contractor shall designate in writing to the Contracting Officer a security/badging official for the contract/contractor. Concurrently, the designated security/badging official shall submit to the Contracting Officer a KSC Form 20-162 (Request for KSC Picture Badge) for each employee requiring access to KSC or CCAFS. This is the minimum paperwork required for each employee (and subcontractor employee) for issuance of identification badges only.

2. Homeland Security Presidential Directive (HSPD) 12, Federal Information Processing Standards (FIPS) Publication 201, and Office of Management and Budget (OMB) Guidance M-05-24 Compliance

(a) In compliance with Homeland Security Presidential Directive (HSPD) 12, Federal Information Processing Standards (FIPS) Publication 201, and Office of Management and Budget (OMB) Guidance M-05-24, all persons who will have access to Government controlled facilities or access to a Federal information system for a period of in excess of 180 days must have a favorably completed National Agency Check with Written Inquiries (NACI). To accomplish this, the forms listed below need to be submitted to the Personnel Security Support Office, Room 1210M, KSC Headquarters Building. FIPS Pub 201 requires identification verification be accomplished by the applicant

(person to be badged) providing two items of identification listed in Department of Homeland Security (DHS) Form I-9.

i. KSC Form 20 – 87, NASA PRP Investigation and Qualification Data Request;

ii. FD Form 258, Fingerprint Card,

iii. Standard Form 85, Questionnaire for Non-Sensitive Positions; and,

iv. Optional Form 306, Declaration for Federal Position Employment.

B. Badging Restrictions/Categories:

1. White Temporary Pass (WTP). Under current KSC security restrictions, an "Unescorted" White Temporary Pass (WTP) is required for unescorted entry through the KSC perimeter gates. (Permanent picture badges are no longer required.) The contractor's designated security/badging official is authorized to request issuance of WTPs (or consent to retain existing WTPs) for those individuals that he/she can "vouch" for, based upon verification of U.S. citizenship and demonstrated work history. The contractor security/badging official is responsible for ensuring the integrity of this system, will be held accountable for issuance of a WTP to any unauthorized individual, and is responsible for the behavior of anyone for whom s/he authorizes a badge.

2. Pink Temporary Pass (PTP). Any individual for whom the designated security/badging official cannot "vouch" in accordance with the above criteria will be issued a "To Be Escorted" Pink Temporary Pass (PTP). All persons with PTPs, including vendors, must be signed in at the perimeter gate and escorted to and from the job site. The escort must maintain visual contact with their escortee(s) at all times and shall escort them off KSC property at the conclusion of their on-site work.

3. Green Temporary Pass (GTP). Persons who are not a United States citizen or are an employee of a foreign Government, company, or other foreign entity must be so identified by being issued a green temporary pass. Each such employee must obtain individual prior approval for entry from the KSC International Visits Coordinator (IVC) in the NASA Protective Services Office (TA-G).

4. Access to Controlled Areas within KSC:

(a) Certain areas within KSC have been designated as Controlled Areas. These are normally surrounded by fencing and have an entrance gate monitored by a security officer or a monitoring device. Access into such areas is classified as either "escorted" or "unescorted" access. For unescorted access into these areas, for each employee, the contractor must submit to the Contracting Officer's Technical Representative (COTR), in addition to the NACI forms listed above in paragraph (a).2.i..a-d, a NASA Form 1730, Request for Unescorted Access/Personnel Reliability Program.

(b) The NASA Protective Services Office, or its designee, the Personnel Security Support Office (PSSO), will determine whether the person is eligible for unescorted access within 14 working days after the receipt of the properly completed forms and so inform the COTR. The COTR will notify the contractor of the NASA Protective Services Office's approval/disapproval. Access to controlled areas is granted when the requisite safety training has been successfully completed.

(c) All contractor employees utilized on the job site will not require unescorted access. However, it is the contractor's responsibility to designate and submit the required information on a sufficient number to provide escort service to those not cleared for unescorted access. The contractor escort will be required to meet the work crew at the security area gate at the beginning of the contractor's workday/shift and escort them as a group to the job site. The escort will keep the crews within site until they are escorted back to the area gate at the end of the workday. No authorized personnel will leave the immediate work area without an appropriately badged escort.

(d) The Government will provide, at no cost to the contractor, investigative services for a designated number of employees/workers escorts. If, through attrition or personnel turnover, the contractor requires additional employees to be investigated for unescorted access, the contract price shall be reduced by $100.00 per person in excess of the designated number. If, because of varying mobilization approaches, the contractor desires unescorted access for more than the stated quantity, the contractor may request additional clearances at a reduction in contract price of $100.00 per person.

(e) The prime contractor is responsible for providing escort services for any of his employees and/or any subcontractor employees who are not eligible for unescorted access. The Government will not provide escort service under this contract. The contractor shall be responsible for all delays and costs caused by its failure to provide for unescorted access. All requests for unescorted access by subcontractors will be submitted through the prime contractor to the COTR for processing by the NASA Protective Services Office, or its designee, the PSSO.

(f) One or more on-site training classes may be required for admittance to the work area and for inclusion on the Job Site Access List for Controlled-access Areas. The total training will not exceed four hours. Contractors may schedule any required training for their employees by contacting the COTR. The contractor shall maintain a record of employees receiving the training.

(g) Work under this contract may be performed in limited access areas. Investigations may be performed on the designated number of employees for whom interim unescorted access investigations will be performed at no cost to the contractor.

(End of clause)

H.5 KSC 52.242-90 CONTROLS APPLICABLE TO CONTRACTOR'S ACTIVITIES (APR 2007)

The publications below, and subsequent revisions thereof, are incorporated herein by reference. These publications prescribe regulatory and procedural criteria which are applicable to this contract. The contractor shall promptly take corrective action upon notice of noncompliance from the Contracting Officer or his/her authorized representative(s) with any provision of the publications listed below.

Definitions:

a) Kennedy Policy Directives (KNPDs)

b) NASA Headquarters Policy Directives (NPDs).

c) Kennedy NASA Procedural Requirements (KNPRs)

d) NASA Headquarters Procedural Requirements (NPRs).

e) Quality Assurance Guide (QA-UG)

f) Joint Documented Handbook (JHB)

QA-UG-0001	KSC Employee Safety & Health Pocket Guide (See Note 1)
JHB 2000	Consolidated Comprehensive Emergency Management Plan
KNPD 1440.1	KSC Records Management and Vital Records Programs
KNPD 1800.2	KSC Hazard Communication Program
KNPD 1810.1	KSC Occupational Medicine Program
KNPD 8500.1	KSC Environmental Management
KNPR 1610.1	KSC Security Procedural Requirements
KNPR 1820.3	KSC Hearing Loss Prevention Program
KNPR 1820.4	KSC Respiratory Protection Program
KNPR 1840.19	KSC Industrial Hygiene Program
KNPR 1860.1	KSC Ionizing Radiation Protection,
KNPR 1860.2	KSC Non-Ionizing Radiation Protection
KNPR 1870.1	KSC Sanitation Program
KNPR 4000.1	Supply and Equipment System Manual
KNPR 6000.1	Transportation Support System
KNPR 8500.1	KSC Environmental Requirements
KNPR 8715.3	KSC Safety Practices Procedural Requirements
KNPR 8830.1	Facilities and Real Property Procedural Requirements
KNPD 1860.1	KSC Radiation Protection Program
	In addition to compliance with KNPD 1860.1 and 45SWI40-201 (if applicable), the Contractor shall submit, for the Contracting Officer's approval within 30 days after contract award, the names and addresses of laboratories used to perform activities
45SWI40-201	45th Space Wing Instruction 40-201 Radiation Protection Program
KNPD 1600.3	Use of Alcoholic Beverages on Kennedy Space Center (KSC) Property

Note 1: The contractor shall immediately call for assistance with personnel injury or illness for any incident requiring emergency medical treatment for contractor or subcontractor personnel, or invitees on KSC, or if any person on the job site is rendered unconscious. The contractor shall require the victim to sign an appropriate "refusal of treatment" form, if medical evaluation or treatment is offered and refused.

Emergency Response onsite at KSC or CCAFS

911 from a landline phone service

321-867-7911 from a cell phone

(End of clause)

H.6 KSC 52.242-93 CONTRACTOR WORKFORCE REPORT – ONSITE CONTRACTORS AND SUBCONTRACTORS (OCT 2006)

The Contractor shall submit, on a quarterly basis, a manpower report delineating information about its workforce. The report shall include: the contract number, the contractor's total on-site workforce, total on-site union represented employees by bargaining unit; total on-site non-union represented employees, and total off-site workforce performing on the contract. The Contractor shall provide this information no later than 10 days after the close of each reporting period which end March 31st, June 30th, September 30th, and December 31st. The report shall be submitted to the Contracting Officer with copies to Workforce Planning and Analysis Office, (Code BA-D) and Industrial Labor Relations Office (Code OP).

(End of clause)

H.7 OCCUPATIONAL HEALTH SERVICES

The Contractor shall utilize medical treatment at the Occupational Health Facility for any injury that occurs at KSC or the CCAFS. The medical services set forth in KNPD 1810.1 entitled "KSC Occupational Medicine Program", will be provided to the contractor by the Government.

The Contractor shall utilize the medical services at the Occupational Health Facility for KSC job-required medical certification health examinations. Medical certifications will be provided in accordance with KBM-ST-2.1 A and B.

(End of clause)

H.8 EMERGENCY MEDICAL SERVICES

The Contractor shall utilize the KSC or CCAFS Emergency Medical Services system for any incident that occurs at KSC or CCAFS requiring emergency medical treatment.

(End of clause)

H.9 NASA'S TECHNOLOGY TRANSFER PROGRAM

In the event that the Contractor develops new technology or unique utilization of existing technology under this contract, the Contractor shall support, and participate in, NASA's Technology Transfer/Commercialization Program by assisting the transfer of technology developed under Government contract to the private sector.

A. The Contractor's participation may include a number of different activities including the following:

1. Dual use development of cutting edge technology having applications both within and outside the aerospace community.
2. Collaborative efforts with third parties for the purpose of transferring technology.
3. Government sponsored technology outreach efforts that further the transfer of technology.
4. Applications engineering work for the purpose of adapting the developed technology to a specific use.

B. The Contractor shall coordinate all projects and associated agreements with the COTR and the KSC Technology Transfer Office, and as directed in writing by the Contracting Officer. Agreements shall state funding requirements, project description, scope of project, reporting requirements, and responsible NASA and Contractor personnel. Ownership of rights to the technology developed under these collaborative and partnership activities shall be addressed in the individual agreements. Projects utilizing Government funds will be approved by the Contracting Officer.

C. Contractor commitment to technology transfer/commercialization can be demonstrated by the development of internal programs aimed at:

1. Educating and training the workforce in technology transfer activities.
2. Ensuring employees report new technology as required by NFS 1852.227-70, New Technology.
3. Assisting subcontractors with technology transfer activities.

(End of clause)

H.10 PROPERTY

A. Government-Furnished Property (GFP): Attachment J-6 and Attachment J-14 identify the GFP that will be furnished to the Contractor upon contract award. This GFP is provided to the Contractor "as-is/where-is" in accordance with FAR clauses 52.245-1 and 52.245-2. Attachment J-6 identifies the GFP that shall be replaced as Contractor Acquired Property (CAP). Attachment J-14 identifies the GFP that shall be replaced as Contractor Property (CP) and shall be capitalized in accordance with H.11 Capitalization of Contractor-Owned Equipment.

B. Material: Replacement of material items shall be charged directly to the contract as CAP, and will be expensed pursuant to the title provisions of FAR 52.245-1 and 52.245-2. The Contractor shall establish and maintain minimum order levels, identify long-lead items and have available minimum order quantities established by working with the appropriate NASA functional manager.

C. Vehicles: Attachment J-14 identifies GFP special use vehicles available "as-is" to the Contractor upon award. The Contractor shall operate and as necessary replace special use vehicles as CP, as directed by the Government, and capitalize them in accordance with H.11, Capitalization of Contractor-Owned Equipment. When the Contractor replaces GFP vehicles, the maintenance of the CP vehicles becomes the responsibility of the MESC Contractor.

D. Disposition: Per FAR 52.245-1 and 52.245-2, the Contractor shall submit inventory disposition schedules annually to the Contracting Officer for all property that has not been issued from stores within the preceding twelve-month period for disposition determination. The Contracting Officer may delegate this activity to the Government's Property Administrator. The purpose of this action is to ensure stores are kept to a minimum level and that just-in-time ordering is being utilized for most items. The exception will be long-lead and mission essential/critical items required to be on-hand.

E. Lease versus Buy: The Contractor shall document the lease versus buy business decision found at FAR 7.401 for all property of a capital nature and the documentation shall be filed in the Contractor's purchase file.

F. GFP Inventory: The Contractor shall maintain GFP inventory for both sensitive items and capital equipment over $5,000 (Reference NPR 4200.1F, NASA Equipment Management Procedural Requirements) using the NASA Equipment Management System (NEMS) database.

(End of clause)

H.11 CAPITALIZATION OF CONTRACTOR OWNED EQUIPMENT

A. Introduction. The Contractor shall purchase new capital equipment and replace existing Government Furnished Property of a capital nature listed in Attachment J-14, as Contractor Property for the purpose of performing the work described in the PWS. The capital equipment shall be capitalized and depreciated in accordance with Generally Accepted Accounting Principles (GAAP) and Financial Accounting Standards Board (FASB) practices and procedures. A listing of all capital equipment purchased, it's original purchase cost, depreciation method, useful life, current Net Book Value, and end of contract Net Book Value shall be reported in DRD 1.3.3-001, Report, Replacement of Government Furnished Property.

B. Contractor Records. The contractor shall maintain complete records of capital equipment that is subject to this clause, including date of purchase, estimated service life, purchase price, depreciation base, method and schedule, and amount of depreciation recorded to date. Records related to Contractor capitalized property shall be made available to the Contracting Officer within 5 work days of the request.

C. Right to Purchase. If upon expiration or termination of this contract the Government does not thereafter contract with the contractor for the performance of the same, or substantially the same services contemplated by this contract, the contractor shall, upon request by the successor contractor(s), transfer title to any prime contractor dedicated equipment identified in the records referenced above, to the successor contractor(s) at net book value, subject to reasonable terms and conditions regarding payment and other matters to be agreed upon by the contractor and successor contractors.

(End of clause)

H.12 AUTHORIZED CHANGES

Only the NASA/KSC Contracting Officer is authorized to modify the contract and perform all actions consistent with FAR 1.602. Performance of the work under this contract is subject to the written technical direction of the Contracting Officer's Technical Representative (COTR) in accordance with NFS 1852.242-70. The USAF Contracting Officer may only issue or modify Funding Orders in accordance with G.14, Funding for USAF Requirements.

(End of clause)

H.13 PROTECTION AND SAFEGUARDING OF INFORMATION AND DATA OF THIRD PARTIES

(a) Except as specifically authorized by this contract, or as otherwise approved in writing by the Contracting Officer, 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) 1 and, when so identified by the Contracting Officer 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 the 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 Contracting Officer; and

(3) Return or dispose of such data as directed by the Contracting Officer 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 requirement(s) of the clause herein entitled FAR 52.227-14, "Rights in Data—General."

(End of clause)

H.14 ADMINISTRATIVE ASSET TRANSITION

The contractor agrees that the technical instruments and associated services provided under this contract are essential to the Government and shall be continued without interruption. The transition of these assets from the incumbent to a successor Contractor (or the Government in the event of no successor), shall be accomplished in accordance with the following:

Transition of Assets: All existing assets shall remain installed and usable by the Government through the transition of assets or their replacement by the successor contractor. The assets will be provided on an "as is/where is" basis. In the event that the successor contractor chooses not to use the existing assets, it will coordinate removing those assets with the predecessor contractor who has responsibility to dispose of those assets. The contractor shall ensure that all purchase and leasing arrangements, both for hardware and software,

includes provisions to transfer to a successor in interest.

Continuity of Services: All assets and services shall transition with no degradation to service. The contractor is obligated to transfer these assets to a successor in interest if the successor elects to acquire them at the Asset Transition Charge, described below. The contractor shall not remove, reassign, or otherwise dispose of these assets once a successor in interest indicates the desire to accept transfer of the assets.

Asset Transition Value Methodology: Upon notification by the Government, at least 120 days before the end of the MESC contract, a Transition Value of the contractors' assets on the date of transition will be calculated and provided to the Government. The Transition Value shall be the net book value of the assets at the time of transition. Any costs to move the assets from their current locations or to modify their current configuration shall not be included. All applicable remaining warranties shall be provided to the successor in interest. The Asset Transition Value shall not include any Government-furnished or institutionally provided property or equipment.

(End of clause)

H.15 DATA RIGHTS NOTICE

A. Any proposal submitted during the course of contract performance must expressly identify any computer software or technical data that is to be provided with less than unlimited rights. The Contractor shall notify the Contracting Officer in writing prior to incorporating any item, component, subcomponent, process, or software, wherein the related technical data or computer software qualifies as limited rights data or restricted computer software in accordance with Alternate II and III of Federal Acquisition Regulations (FAR) 52.227-14 and NASA FAR Supplement (NFS) 1852.227-86. This notification does not apply to commercial off-the-shelf (shrink-wrapped) computer software, and corresponding documentation, that has a standard commercial license unless the software is to be incorporated as a subcomponent in a developmental effort.

B. Technical data and computer software delivered shall not be marked with restrictive legends unless the Contracting Officer has given prior written consent.

C. All license agreements shall be compliant with Federal laws, regulations and the terms and conditions of this contract and shall be transferable to the Government upon completion of the contract without any additional cost to the Government. One copy of the final negotiated license agreement shall be forwarded to the Contracting Officer within thirty (30) calendar days of agreement to ensure compliance.

(End of clause)

H.16 LIMITED RIGHTS DATA NOTICE

A. Notwithstanding any other terms and conditions of this contract, the Government shall have the right to disclose technical data marked as limited rights data outside the Government, without obtaining permission from the Contractor, under the following circumstances:

1. Use (except for manufacture) by support service contractors.
2. Evaluation by non-Governmental evaluators.

3. Use (except for manufacture) by other contractors participating in the Government's program of which the specific contract is a part, for information and use in connection with the work performed under each contract.
4. Emergency repair or overhaul work.
5. Release to a foreign Government, or instrumentality thereof, as the interests of the United States Government may require, for information or evaluation, or emergency repair or overhaul by such Government.

B. Prior to disclosure, except in emergency circumstances as identified in Paragraphs 4 and 5 above, the Government shall require the recipient to sign an agreement, provided by and acceptable to the Contractor, to protect the data from unauthorized use and disclosure. The Contractor shall provide a copy of the acceptable nondisclosure agreement to the Contracting Officer no later than thirty (30) calendar days after contract award.

(End of clause)

H.17 INFORMATION INCIDENTAL TO CONTRACT ADMINISTRATION

A. With the exception of financial information, the Government shall have unlimited rights to use and distribute to third parties any administrative or management information developed by the Contractor or a Subcontractor at any tier in whole or in part or the performance of the contract or first produced in the performance of the contract, whether or not said information is specified as a contract deliverable, if created in whole or in part at Governmental expense. The Contracting Officer may, at any time during the contract performance or within a period of three (3) years after acceptance of all items to be delivered under this contract, order any administrative or management information developed by the Contractor or a subcontractor at any tier in whole or in part for the performance of the contract or first produced in the performance of the contract.

B. The Contracting Officer may release the Contractor from the requirements of this clause for specifically identified information at any time during the three (3) year period set forth in Paragraph (a) of this clause.

(End of clause)

H.18 CONTRACTOR ON-SITE REPRESENTATIVE

The contractor shall appoint a representative at the work site with full authority to receive and execute, on behalf of the contractor, such contract modifications, notices, policy directives, etc., as may be issued pursuant to the terms of this contract.

(End of clause)

H.19 WORK FOR OTHERS

A. Background and Purpose

1. The Contractor is authorized to undertake Work for Others related to medical and environmental services on John F. Kennedy Space Center (KSC) that would utilize the unique capabilities within the MESC. These unique capabilities include the Government furnished facilities for which the Contractor has operational responsibility and/or the expertise of Contractor personnel resident at KSC. The primary purpose of this authority is to provide both commercial and University access to the unique capabilities at KSC and foster the growth of them. The primary purpose of this authority is to provide commercial entities, NASA contractors, academic institutions, and outside agencies access to the MESC for support not funded under the scope of the MESC.

2. Work for Others is defined as work performed for and paid by Other(s) via a separate agreement between the MESC Contractor and the other(s). Others include NASA, federal and state agencies, academic, and commercial entities.

3. Other pertinent definitions:

   a. Government Property: Facilities and material owned by the Government.

   b. Government Facilities: For purposes of this provision, facilities include real property (land, ground improvements, buildings and other structures), plant equipment (personal property of a capital nature, such as, machine tools, equipment and test equipment, furniture, vehicles, and accessory and auxiliary items for use in manufacturing or performing services, or for any administrative or general plant purpose), special tooling and special test equipment. Facilities do not include materials.

   c. Government Material: Property that may be incorporated into or attached to an end item or consumed or expended during manufacture, testing or providing services.

B. Agreements and Approvals

1. The Contractor shall obtain approval of the Contracting Officer for Work for Others before committing to perform the work. The Contractor shall informally collaborate with the Government to identify and discuss potential Work for Others as far in advance of seeking final approval as is practical. The Contractor shall obtain final approval for each instance of Work for Others by submitting a written request to the Contracting Officer including a draft agreement between the MESC Contractor and the Other(s) which, at a minimum, shall contain the following information, terms, and conditions:

   a. Name and address of the customer.

   b. Description of the work to be performed and any benefits to the Government.

   c. Identification of the MESC personnel, KSC facilities and Government personnel (including the estimated number of hours and estimated cost of support needed) required for accomplishing the work.

   d. Schedule for accomplishment of the work and impact, if any, on other ongoing activities.

e. Estimated amount that will be reimbursed to the Government as a result of the proposed work for Others.

f. Terms and conditions containing the following clauses of this contract: Section H, paragraph H.19 "Work for Others," subparagraphs (D) Priority of Use, (E) Liability and Risk of Loss, (F) Intellectual Property, Patent & Invention Rights, (G) News Releases & Publications, (H) Security & Export Control, (I) Safety & Health, (J) Independence of Contracts; and other clauses as may be required by the Contracting Officer.

2. Additionally, the draft agreement shall be accompanied by a cover letter containing an explanation of the unique nature of the Government-owned facilities and equipment and/or MESC/Government expertise (or combinations thereof) that is not available from commercial sources and justify acceptance of the work.

C. Financial Obligations

1. General

a. The Contractor shall provide consideration to NASA KSC in connection with Government-provided property and services utilized for Work for Others under the authority of this provision. Pursuant to the direction of the Contracting Officer, consideration may be in the form of cash payment from the Contractor to NASA KSC or a credit to the Government under the MESC contract.

b. The contractor shall establish unique Cost Charge Numbers, or other means, to ensure that the costs of goods and services provided under Work for Others will not be charged to MESC.

c. The specific cost components, amounts and fees to be reimbursed or credited to NASA KSC, and the points of contact and authority will be established annually in a written procedure. It is anticipated that a separate procedure will be established for each facility. Generally, reimbursable and creditable costs will include, but may not be limited to the following categories:

- Rent or other appropriate consideration for use of Government property in accordance with FAR 45 .403 and FAR 45.404(c);

- Actual cost of Government personnel directly supporting a project (including payroll additives, fringe benefits and G&A);

- Actual cost of Government-provided material, utilities, support services and appropriate overheads.

2. Reimbursement of Government Direct Labor Support

a. For those projects where Government personnel will provide direct labor support, the Contractor will be required to forward advance payments to NASA based upon the estimated number of hours of direct Government support needed. Payment shall be made to NASA KSC prior to the initiation of each project utilizing Government personnel.

b. Payment shall be made in the form of a check payable to "NASA Kennedy Space Center" and sent to:

National Aeronautics and Space Administration
John F. Kennedy Space Center
"Collections Agent"
Mail Code: GG-5-C
Kennedy Space Center, FL 32899

c. NASA KSC's activities under or pursuant to this provision are subject to the availability of appropriated funds, and no provision herein shall be interpreted to require obligations or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341.

d. NASA KSC will send a final billing to the Contractor for the services rendered by Government personnel as soon as possible after the completion of each project. Any overpayment to NASA following completion of a project will be promptly reimbursed to the Contractor.

D. Priority of Use

1. It will be the Contractor's overall responsibility to schedule and manage use of assigned Government-furnished facilities to accommodate contract work and Work for Others in a manner to assure the timely, within cost, delivery of quality products and services for all. Since Work for Others projects are subject to Government approval and each request for approval will address scheduling issues, scheduling and priority of use conflicts should be rare. However, in the event circumstances should arise in which the Government requires use of facilities and/or personnel scheduled for use on Work for Others, the Contracting Officer will direct that the Government work shall take precedence and the Contractor shall immediately proceed with the Government work.

2. NASA will make every reasonable effort to ensure that ongoing and planned Work for Others is not impacted and the exercise of the authority herein stated to require displacement of Work for Others in order to accomplish Government work will be exercised only to the extent necessary to protect the interests of the Government. Such direction will be given only after the Center Director makes a determination that a federal emergency or an event of significant public interest requires the exercise of Government priority.

E. Liability and Risk of Loss

1. General

a. The Contractor and Other(s) waive and agree not to make any claims against the U.S. Government or U.S. Government Contractors or subcontractors, for damage arising from or related to activities under this provision, whether such damage is caused by negligence or otherwise, except in the case of willful misconduct.

b. In addition, the Contractor and Other(s) agree to indemnify and hold the U.S. Government or its Contractors or subcontractors harmless from any claim, judgment, or cost arising from the injury to or death of any person, or for damage to or loss of any property, including U.S. Government

property, as a result of activities under this provision, whether such damage is caused by negligence or otherwise, except in the case of willful misconduct.

c. In the event that Other(s) will need to directly participate in Work for Others activities at KSC, the Other(s) will be required to have the same insurance coverage as the MESC contractor under contract clause I.I(B), "Minimum Insurance Coverage" (NFS 1852.228-75), unless Other(s) is statutorily authorized to self-insure. Additionally, in those circumstances where the Work for Others activities will involve hazardous operations that place government facilities at risk, the Contracting Officer may require that the Other(s) provide property damage insurance, or an agreement on an alternative method of protection, as required in Section I, Contract Clauses.

2. Insurance for Damage to NASA Property

a. For purposes of this article, the following definitions shall be applicable:
(1) "Liability" shall include payments made pursuant to United States' treaty, any judgment by a court of competent jurisdiction, administrative and litigation costs, and settlement payments.

(2) "Damage" shall mean bodily injury to, or other impairment of health of, or death of any person; damage to, loss of, or loss of use of any property; soil, sediment, surface water, ground water, or other environmental contamination or damage; Loss of revenue or profits; other direct damages; or any indirect, or consequential damage arising there from.

b. Damage to Government Property:

(1) Where required by NASA, within a reasonable time before Other(s) begin to have access to or use of U.S. Government property or services, Other(s) shall obtain or arrange to obtain, at no cost to NASA, insurance to cover the cost of replacing, repairing, or the fair market value of, as reasonably determined by the U.S. Government, any U.S. Government property (real or personal), which property is damaged as a result of any performance of this agreement, including performance by the U.S. Government or the U.S. Government's contractors or subcontractors. Upon obtaining the insurance required under this paragraph, or upon obtaining any modification or amendment thereof, Other(s) shall personally deliver, or send by registered or certified mail, postage prepaid, two copies of such insurance policy, or such modification or amendment, to NASA at the following address, referencing the MESC, or at such address as NASA may, from time to time, designate in writing:

National Aeronautics and Space Administration
Office of the Chief Counsel
Mail Code CC
Kennedy Space Center, FL 32899

(2) The insurance required under this subparagraph shall provide coverage in an amount acceptable to NASA. All terms and conditions in the policy shall be acceptable to NASA, and shall require 30 days notice to NASA of any cancellation or change affecting coverage. The policy shall name the United States as an insured and shall cover all risks of loss except that it may exclude damage caused by the U.S. Government's willful misconduct. The insurance policy

shall provide that the insurer waives its right as a subrogee against U.S. Government contractors, subcontractors, or related entities for damage.

(3) In the event Other(s) is unable to obtain insurance coverage required by subparagraph b(1) above, the parties agree to consider, subject to review, approval and agreement by NASA, alternative methods of protecting U.S. Government property (e.g., by an agreement to indemnify the U.S. Government for such damages).

(4) An insurance policy whose terms and conditions are reviewed and approved by NASA, or an agreement on an alternative method of protection, is a condition precedent to Other(s)' access to or use of U.S. Government property or U.S. Government services under this agreement.

F. Intellectual Property, Patent, and Invention Rights

The following intellectual property provisions apply to the activities of Government personnel directly supporting the Contractor's Work for Others pursuant to this provision.

1. General:
Data exchanged between NASA, the Contractor and/or other party(s) in support of Work for Others will be exchanged without restriction as to its disclosure, use or duplication except as otherwise marked or as otherwise provided in this provision. No preexisting proprietary data will be provided by NASA under this agreement unless specifically authorized, in writing, by the owner of the proprietary data.

2. Data First Produced by NASA:
As to data first produced by NASA in carrying out NASA's responsibilities in support of Work for Others and which data would embody trade secrets or would comprise commercial or financial information that is privileged or confidential if it had been obtained from the Contractor or other party(s), such data will, to the extent permitted by law, be appropriately marked with a notice or legend and maintained in confidence for a period of time to be agreed upon after development of the information, with the express understanding that, during the aforesaid period, such data may be disclosed and used by NASA under suitable protective conditions, for the express purpose of carrying out NASA's responsibilities in support of Work for Others. Upon completion of these activities, such data will be disposed of as requested by the Contractor and/or other party(s).

3. Data First Produced by Contractor and/or other party(s):
In the event it is necessary for the Contractor and/or the other party(s) to furnish NASA with data that either existed prior to, was produced outside of, or is first produced by the Contractor and/or other party(s) in carrying out the Contractor's and/or other party(s) responsibilities in support of Work for Others, and such data embody trade secrets or comprise commercial or financial information that is privileged or confidential and such data is so identified with a suitable notice or legend, the data will be maintained in confidence and disclosed and used by NASA and its Contractors, under suitable protective conditions, only for the purpose of carrying out NASA's responsibilities in support of Work for Others. Upon completion of these activities, such data will be disposed of as requested by the owner of the data.

4. Data Disclosing an Invention:
In the event data exchanged between NASA and the Contractor and/or other party(s) discloses an invention for which patent protection is considered and the furnishing party specifically so identifies

such data, the receiving party agrees to withhold such data from public disclosure for a reasonable time (presumed to be 1 year unless otherwise mutually agreed to) in order for patent protection to be obtained.

5. Copyright:
In the event data is exchanged with a notice indicating that the data is protected under copyright, such data will be presumed to be published and the following paid-up license shall apply:

   a. If it is indicated on the data that the data existed prior to, or was produced outside of this provision, the receiving party and others acting on its behalf, may reproduce, distribute, and prepare derivative works for the purpose of carrying out the receiving party's responsibilities under this provision.

   b. If the furnished data does not contain the indication of (1) above, it will be assumed that the data was first produced in support of Work for Others, and the receiving party and others acting on its behalf, may reproduce, distribute, and prepare derivative works for any of its own purposes whatsoever.

6. Disclaimer of Liability:
Notwithstanding the above, NASA shall not be restricted in, nor incur any liability for, the disclosure and use of Data not identified with a suitable notice or legend as set forth in paragraph 3 above. Information contained in any data for which disclosure and use is restricted under paragraphs 2 and 3 above, if such information is or becomes generally known without breach of the above, is known to or is generated by NASA independently of carrying out NASA's responsibilities in support of Work for Others, is rightfully received from a third party without restriction, or is included in data which the Contractor and/or other party(s) has, or is required to furnish to the U.S. Government without restriction on disclosure and use.

7. Data Subject to Export Control:
Technical data, whether or not specifically identified or marked, that is subject to the export control laws and regulations of the United States and that is provided to the Contractor and/or other party(s) in support of Work for Others will be treated as such, and will not be further provided to any foreign persons without proper U.S. Government authorization, where required.

8. NASA Inventions:
NASA will use reasonable efforts to report inventions made by NASA employees as a consequence of the performance of specified NASA activities in support of Work for Others. Upon request, NASA will use reasonable efforts to grant the Contractor and/or other party(s), in accordance with the requirements of 37 CFR §404 an exclusive, irrevocable, royalty-free license, except for the repayment of U.S. Government prosecution costs, on terms to be subsequently negotiated to any NASA invention that may be in support of Work for Others and on which NASA decides to file a patent application. This license will be subject to the rights reserved in paragraph 10, below.

9. Joint Inventions with Contractor and/or other party(s):
NASA and the Contractor and/or other party(s) agree to use reasonable efforts to identify and report to each other any inventions made jointly between NASA employees and employees of the Contractor and/or other party(s). Upon request, NASA will agree to refrain from exercising its undivided interest in a manner inconsistent with the Contractor and/or other party(s) commercial interests and to cooperate

with the Contractor and/or other party(s) in obtaining patent protection on the Contractor and/or other party(s) undivided interest, subject to the applicable rights reserved in paragraph 10, below.

10. Rights to be Reserved in the Contractor and/or Other Party(s) License:
Any license granted to the Contractor and/or other party(s) pursuant to paragraphs 9 or 10 above will be subject to the reservation of the following rights:
As to inventions made solely by, or jointly between NASA and the Contractor and/or other party(s), the irrevocable, royalty-free right of NASA to practice or have practiced the invention by or on behalf of NASA for research, experimental or demonstration purposes.

11. Protection of Reported Inventions:
When inventions are reported and disclosed between the parties in accordance with the provisions of this clause, the receiving party agrees to withhold such reports or disclosures from public access for a reasonable time, presumed to be one year unless otherwise mutually agreed, in order to facilitate the allocation and establishment of the invention and patent rights under these provisions.

12. Patent Filing Responsibilities and Costs:
The invention and patent rights set forth herein shall apply to any patent applications filed and patents obtained in any country, and each party is responsible for its own costs of preparing, prosecuting, issuing, and maintaining patents covering sole inventions in any country; except NASA and the Contractor and/or other party(s) may, upon the reporting of any invention (sole or joint) or in any license option granted, mutually agree otherwise for any country as to patent application preparation, filing and prosecution responsibilities and costs, and maintenance responsibilities and costs.

G. News Releases and Publications
The parties (NASA, the MESC Contractor, & Others) agree to coordinate in advance any news releases and/or widely distributed publications that result from activities performed pursuant to this provision. This coordination shall entail notifying the respective points of contact of the proposed news release or publication in sufficient time to allow the other party an opportunity to review and comment as deemed appropriate. None of the parties shall issue a news release or publication prior to the consent of the respective parties' points of contact.

H. Security and Export Control
Access to and use of NASA KSC facilities by Other(s) will be subject to instructions and procedures as described in KNPR 1610.1, "KSC Security Procedural Requirements" , and NASA Policy Directive NPD 1371.5 "Coordination and Authorization of Access by Foreign Nationals and Foreign Representatives to NASA", which is applicable to NASA Headquarters and NASA Centers (including Component Facilities). In conducting Work for Others at Kennedy Space Center, the MESC Contractor and Other(s) shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799. In the absence of available license exemptions/exceptions, the Contractor and/or Other(s) shall be responsible for obtaining the appropriate licenses or approvals, if required, for the export of hardware, technical data, and software, or for the provision of technical assistance. Additionally, should the Contractor and/or Other(s) employ foreign nationals to participate in Work for Other(s) activities at Kennedy Space Center, the Contractor/Other(s) shall be responsible for obtaining export licenses, if

required, before utilizing such foreign nationals in such activities, including instances where the foreign nationals will have access to export controlled technical data or software at Kennedy Space Center facilities.

I. Safety and Health

All agreements entered into by the MESC Contractor with Other(s) shall incorporate the MESC Contractor's approved Safety and Health Plan, which Plan shall be binding upon the Other(s) during the conduct of their activities at the Kennedy Space Center.

J. Independence of Contracts

The parties concur that this contract and the authorities and conditions of this provision are independent of any contract between the Contractor and other parties for the conduct of "Work for Others." By authorizing the Contractor to perform Work for Others, NASA makes no assurances to the Contractor or others as to performance of the objects tested in NASA facilities or other test objects, and relieves the Contractor of none of its obligations under any other contract, grant, or other agreement. This provision does not constitute NASA's endorsement of any test results, resulting designs, hardware, or other matters.

(End of clause)

H.20 ASSOCIATE CONTRACTOR AGREEMENT (ACA)

A. The success of KSC is dependent on the efforts of multiple contractors. The MESC Contractor is a key participant. The other contracts of the key participating "associate" contractors are:

Information Management and Communication Support (IMCS) contract	Contract Number TBD – not yet awarded
Grounds Contract	Contract Number TBD – not yet awarded
Mail Services Contract	Contract Number TBD – not yet awarded
Custodial Contract	Contract Number TBD – not yet awarded
Kennedy Institutional Support Services (KISS) Contract	Contract Number TBD – not yet awarded
Institutional Support Contract (ISC)	Contract Number TBD – not yet awarded
NASA Protective Services Contract (NPSC)	Contract Number TBD – not yet awarded
Check-out and Payload Processing Services (CAPPS) contract	NAS10-02007
Space Program Operations Contract (SPOC)	NNJ06VA01C
University-Affiliated Spaceport Technology Development Contract (USTDC)	NAS10-03006
Expandable Launch Vehicle Integrated Services (ELVIS)	NAS10-02026
Life Science Support Contract (LSSC)	NAS10-02001

Under the aforementioned contracts, the contractors will provide the necessary technical and operational processes and services required to support KSC.

B. In order to achieve the efficient and effective mission support required of KSC, the Contractor shall establish ACAs for coordination and exchange of information with associate contractor or their successors, during the MESC contract period of performance. The information to be exchanged shall be that required by the associate contractors in the execution of their respective contract requirements. The Contractor shall pursue and foster cooperative efforts and goodwill in a manner that will benefit KSC with increased safety, efficiency, and productivity.

C. Given the unique role of this contract for supporting all other entities at KSC, the Contractor shall engage in cooperative relationships that facilitate effective management of overall Center operations. This joint cooperation will be evaluated as part of the contract award-fee process, as defined in the identified in Section J, Attachment J-10, Award Fee Evaluation Plan of this contract. Successful performance of the Contractor will be determined by the Government's assessment of the overall and combined performance of the requirements of the associate contractors.

D. The Contractor shall negotiate formal guidelines with the associate contractors to address coordination, cooperation, and communication. The Contractor shall establish the means for the exchange of such data and communications as needed in order to keep other project elements fully informed, and minimize Government involvement.

(End of clause)

H.21 ASBESTOS-CONTAINING BUILDING MATERIALS

A. Asbestos-Containing Building Materials (ACBM) are known to be present in facilities assigned under the scope of this contract. The Government will provide information regarding the location and quantity of known ACBM in NASA-KSC facilities to the facility tenant organizations through the Environmental Health office.

B. Special requirements, coordination, and precautions will apply to any work taking place under contracts that involves disturbance of ACBM. Contractors whose contracts require work involving ACBM are required to provide a written program for such work as part of its health and safety plan which is consistent with the requirements of 29 CFR §1926.1101. The contractor shall coordinate any such work involving ACBM with Environmental Health, Fire Services, and any other resident government or contractor organization whose employees may have access to the work location.

(End of clause)

H.22 REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFEROR

The completed provision FAR 52.204-8, Annual Representations and Certifications, including any amended representation(s) made at paragraph (b) of the provision; and other representations, certifications and other

statements contained in Section K completed and submitted as part of the offer dated TBD are hereby incorporated by reference in this resulting contract.

(End of clause)

H.23 MOTOR VEHICLE MANAGEMENT

A. The contractor shall acquire and manage motor vehicles necessary to support the performance of the contract. Such needed vehicles are to be acquired and managed in the manner most efficient and economic to the Government. Vehicles may be obtained from the GSA Interagency Motor Pool, commercial sources, or other sources.

B. Costs related to motor vehicles shall be borne by the contractor.

C. Two copies of the monthly billings, both GSA and commercial, for motor vehicle services shall be forwarded to the Contracting Officer, mail code OP-OS, each month with a copy to the KSC Transportation Office, mail code TA-E.

D. The contractor shall assure that all vehicle operators are appropriately licensed in the state. The contractor will furnish GSA a copy of their third party automobile insurance policy if acquiring GSA motor vehicles.

E. Contractor shall comply with Executive Order 13149 Greening the Government through Federal Fleet and Transportation Efficiency, and meet goals to provide reduced emissions (green) vehicles. Kennedy Space Center currently has Ethanol 85 (E85), Compressed Natural Gas (CNG), and biodiesel fuel filling stations for Contractor use to acquire reduced emission fuels.

(End of clause)

H.24 CONFINED SPACE WORK REQUIREMENTS

A. Special requirements, coordination, and precautions will apply to any contract work taking place in confined spaces. Each contractor contracted to perform work in confined spaces is required to provide a written program for such work as part of its health and safety plan which is consistent with the requirements of 29 CFR §1910.146. For work in telecommunications manholes, provisions of 29 CFR §1910.268(o) are also applicable. The contractor shall coordinate any such work in confined spaces with Environmental Health, Fire Services, and any other resident government or contractor organization whose employees may have access to the work location. The provision of Environmental Health services by the government does not prohibit the contractor from providing their own atmospheric testing. Government provided services include environmental health monitoring and consultation support for testing of atmospheres in confined spaces as well as fire rescue and emergency medical services.

B. Entry into and work in confined spaces shall be in accordance with the requirements of KNPR 1820.4, KSC Respiratory Protection Program, KNPR 1840.19, Industrial Hygiene Programs, and all other applicable clauses of this contract.

C. Confined spaces, which contain water, shall be pumped out by the contractor prior to scheduling a confined space entry check. Wastewater shall be managed in accordance with KNPR 8500.1, KSC Environmental Requirements.

(End of clause)

H.25 HAZARD COMMUNICATION

A. In order to comply with Federal, OSHA, and State Regulations, the Contractor shall participate in the KSC Chemical Hazard Communication Program as implemented by KNPD 1800.2, Chemical Hazard Communication.

B. The Contractor shall coordinate submission of hazardous material safety data, to the NASA/KSC Materials Safety Data Sheet (MSDS) Archive, with the MSDS Program Administrator.

(End of clause)

H.26 MANAGEMENT OF NASA-OWNED/CONTRACTOR –HELD RECORDS

A. NASA-owned/Contractor held records shall be maintained by the contractor in accordance with the instructions set forth in the latest editions of NPD 1440.6F, NASA Records Management; NPR 1441.1D, NASA Records Retention Schedules; and KNPD 1440.1, KSC Records Management and Vital Records Programs. The contractor shall obtain prior approval from the contracting officer to destroy or remove records subject to this clause. The contracting officer will provide direction to the contractor on when and what records to move or destroy.

B. NASA-owned/Contractor held records shall consist of documentation of contractor activities and functions necessary for the performance of this contract. These activities include the following: documentation of those day-to-day operating procedures that are essential to carrying out the PWS; organizational structure, policies, decisions, operation and activities necessary to perform or continue the work under this contract. Records that do not fall under the purview of this clause are those contractor records that relate exclusively to the contractor's internal business and that are of a general nature not specifically related to the performance of work under this contract, general policies and procedures. The contractor shall seek the contracting officer's determination as to which records are subject to this clause.

C. The contractor shall ensure that NASA-owned/Contractor held records are segregated from company-owned records and from non-record materials. This clause operates independently from and is not intended to affect, or be affected by, the provisions contained in FAR 4.7, Contractor Records Retention, and the clauses referenced therein.

D. After obtaining direction and approval from the contracting officer, the contractor shall coordinate with the KSC Records Manager on matters requiring advice, such as marking and segregating such records, or technical assistance in all areas of management pertaining such records.

(End of clause)

H.27 COMPUTING SERVICES

The contractor shall obtain computing services identified below, using the following procedures and contracts:

(a) Outsourcing Desktop Initiative for NASA (ODIN) contract and successors

(1) Desktops, workstations, laptops, office automation software, printers, peripherals, PDAs, BlackBerrys®, cell phones, pagers, and associated services (e.g., user accounts, e-mail, and directory services) needed to support contractor personnel will be Government-furnished through the Outsourcing Desktop Initiative for NASA (ODIN) contract and its successor in accordance with G.6.

(2) For any IT resources identified under paragraph (a)(1) above that the contractor desires to purchase outside of ODIN, the contractor shall submit a request for waiver through the Contracting Officer's Technical Representative to the KSC Chief Information Officer (CIO) for approval, in accordance with the established *KSC Mission Focus Review (MFR) Requirement for Using ODIN for IT Purchases* process.

(b) Solutions for Enterprise-wide Procurement (SEWP) contracts and successors

(1) For items authorized to be purchased outside of ODIN, the contractor has the authority to purchase hardware and software under NASA's Solutions for Enterprise-Wide Procurement (SEWP) contracts. The SEWP catalog can be accessed on the World Wide Web at http://www.sewp.nasa.gov

(2) The contractor shall purchase any additional required Maximo® licenses, modules, and/or maintenance agreements via SEWP and shall be titled to the Government.

(c) All restricted commercial computer software procured by the contractor pursuant to this clause shall be delivered to the Government with restricted rights as provided under FAR 52.227-19(c)(2).

(End of clause)

H.28 GOVERNMENT'S RIGHTS TO INFORMATION INCIDENTAL TO CONTRACT ADMINISTRATION

A. With the exception of financial information, the Government will have unlimited rights to use and distribute to third parties any administrative or management information developed by the contractor or a subcontractor at any tier in whole or in part for the performance of the contract or first produced in the performance of the contract, whether or not said information is specified as a contract deliverable, if created in whole or in part at Governmental expense. The Contracting Officer may, at any time during the contract performance or within a period of three (3) years after contract completion, require the delivery of any administrative or management information developed by the contractor or a subcontractor at any tier in whole or in part for the performance of the contract or first produced in the performance of the contract.

B. The Contracting Officer may release the contractor from the requirements of this clause for specifically identified information at any time during the three (3) year period set forth in Paragraph (a) of this clause.

(End of clause)

H.29 OFF-SITE TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES

A. The MESC Contractor must have prior written concurrence of the Contracting Officer before making a change of hazardous waste transporters and off-site TSD facilities. Copies of the permits and EPA ID numbers for any proposed transporters or TSD facilities must be provided to the Contracting Officer for evaluation.

B. The MESC Contractor shall ensure that off-site TSD facilities are audited not less than annually for regulatory and permit compliance. The audit shall be performed by an independent third-party and shall be contracted separately from the off-site hazardous waste disposal services. Copies of the audit report shall be provided to the Contracting Officer and Contracting Officer's Technical Representative (COTR) within 30 days. The Government reserves the right to inspect all on-site and off-site TSD facilities.

C. The MESC Contractor shall provide for alternative treatment or disposal facilities to cover unanticipated events which could preclude treatment or disposal, such as, the proposed facility refusing to accept the waste, going out of business, or otherwise becoming incapable or unsuitable to handle the wastes properly.

(End of clause)

H.30 EQUAL EMPLOYMENT OPPORTUNITY REPORTING

The contractor shall provide a copy of their annual Standard Form 100 (EEO-1) report filing to the Contracting Officer within seven days of submission to the Office of Federal Contract Compliance Programs.

(End of clause)

H.31 ORGANIZATIONAL CONFLICTS OF INTEREST MITIGATION PLAN

During the Phase-in period and not later than 30 days prior to the contract effective date (October 1, 2008) the successful offeror shall submit for NASA approval a comprehensive Organizational Conflicts of Interest Mitigation Plan. This comprehensive plan shall incorporate any previous studies performed, shall thoroughly analyze all organizational conflicts of interest that might arise because the Contractor has access to other companies' sensitive information, and shall establish specific methods to control, mitigate, or eliminate all problems identified. The Contracting Officer, with advice from Center Legal Counsel, shall review the plan for completeness and identify to the Contractor substantive weaknesses and omissions for necessary correction. Once the Contractor has corrected the substantive weaknesses and omissions, the Contracting Officer shall incorporate the approved plan as an attachment to the contract.

(End of clause)

H.32 ADVANCE AGREEMENT REGARDING CONTRACT ADJUSTMENTS RESULTING FROM SIGNIFICANT WORKLOAD CHANGES

The contractor agrees that any adjustment to the estimated cost and fee of this contract resulting from changes in workload indicators that constitute a change pursuant to the "Changes" clause, shall be contingent upon the following:

No adjustment to the NEC and fee will be made unless the contractor submits supporting data clearly demonstrating that the increased workload indicators resulted in significant increased direct labor hours from those contained in the negotiated estimated cost of the Government FY in which the change arose. Any such changes in direct labor hours shall be in consideration of the sum of all workload indicator changes, whereby the total increase in direct labor hours is offset by the decrease in direct labor hours.

Similarly, for decreased workload indicators, no adjustment to the NEC and fee will result unless it is demonstrated that decreased workload indicators resulted in a significant decrease in direct labor hours resulting there from the change.

(End of clause)

H-33 AFFARS 5352.242-9000 CONTRACTOR ACCESS TO AIR FORCE INSTALLATIONS (JUN 2002)

Note: This clause applies to USAF installations only.

A. The Contractor shall obtain base identification and vehicle passes for all Contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. Contractor personnel are required to wear or prominently display installation identification badges or Contractor-furnished, contractor identification badges while visiting or performing work on the installation.

B. The Contractor shall submit a written request on company letterhead to the Contracting officer listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The contracting officer will endorse the request and forward it to the issuing base pass and registration office or security police for processing. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver's license, current vehicle registration, valid vehicle insurance certificate, and other information as determined by the 45 Space Wing to obtain a vehicle pass.

C. During performance of the contract, the contractor shall be responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site.

D. When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with AFI 31-101, Volume 1, The Air Force Installation Security Program, and AFI 31-501, Personnel Security Program Management, as applicable.

E. Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office.

F. Failure to comply with these requirements may result in withholding of final payment.

G. Requests for entry to CCAFS shall be in accordance with 45 SWI 31-101, *Eastern Range Security Program*, Chapters 3.12, 4, 6, 7, and 12. Requests for entry to Patrick Air Force Base shall be in accordance with 45 SWI 31-102, *Patrick Air Force Base Installation Security Instructions*, Chapter 4.

H. Contractors should allow at least 14 days for background checks to be accomplished.

I. The contractor shall obtain access to PAFB and CCAFS ensuring no contractual impacts or delays attributed to failing to providing the required information and documentation in a timely manner.

J. The contractor shall include this Special Contract Requirement in subcontracts of any tier.

K. Requests for entry to CCAFS shall be in accordance with 45 SWI 31-101, Chapters 3.12, 4, 6, 7, and 12. Requests for entry to Patrick AFB shall be in accordance with 45 SWI 31-102, Chapter 4.

L. Contractors should allow at least 14 days for background checks to be accomplished.

M. The contractor shall obtain access to PAFB and CCAFS ensuring no contractual impacts or delays attributed to failing to providing the required information and documentation in a timely manner.

N. The contractor shall include this Special Contract Requirement in subcontracts of any tier.

(End of clause)

H.34 Contractor Proposed Enhancements

The Contractor shall provide the enhancements that are described below. These enhancements, which are above the requirements of the contract terms and conditions and the MESC Performance Work Statement (PWS), were proposed by the Contractor in the proposal submitted in response to the MESC Request for Proposal. The incorporation of these enhancements does not relieve the Contractor from the responsibilities of meeting all other contract terms and conditions and the MESC PWS. By incorporating these enhancements into this clause, the Contractor agrees to fully implement each as stated with all of the implied attendant requirements such as reliability and quality assurance, appropriate documentation and a commensurate test program as applicable. The Contractor shall perform these enhancements on all work performed, unless specifically waived by the Contracting Officer in writing.

In addition to the requirements specified in Attachment J-1, Section 4.5.1(a), provide a web-based Process Waste Questionnaire/Technical Response Package process that would allow users to electronically submit and receive information on waste determinations, handling, and appropriate disposition of their waste products. (Proposal Reference Volume I, page 166)

(End of clause)

H.35 Implementation Approaches

The Contractor shall provide the capabilities or implementation features that are described below. These capabilities or features were proposed by the Contractor in the proposal submitted in response to the MESC Request for Proposal. By incorporating these capabilities or features into this clause, the Contractor agrees to fully implement each as stated with all of the implied attendant requirements such as reliability and quality

assurance, appropriate documentation and a commensurate test program as applicable. The incorporation of these capabilities or features shall not relieve the Contractor from the responsibility of meeting, or exceeding as applicable, all Contract Terms and Conditions, and Performance Work Statement (PWS) requirements. The Contractor shall perform these capabilities or implementation features, unless specifically waived by the Contracting Officer in writing.

- The contractor shall provide automated qualification and certification cross checking, insuring that an employees training classes and certifications are current before a job is assigned to them.
- The contractor shall provide automated scheduling of recurring tasks.
- The contractor shall provide a "Worker's Health at a Glance" system that gives NASA, USAF, and contractors a picture outlining the major operations and processes at the Center, priority based on risk, frequency of occurrence, number of personnel involved, potential hazards involved, exposure status, and follow-up needed.
- The contractor shall provide the Environmental Laboratory Services provider advance copies of the electronic chain of custody forms to provide advance coordination on incoming sample analysis needs.

(End of clause)

[END OF SECTION]

I.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

A. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) PROVISIONS:

CLAUSE NUMBER	DATE	TITLE
52.202-1	JUL 2004	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	SEP 2006	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	SEP 2005	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER
52.204-7	JUL 2006	CENTRAL CONTRACTOR REGISTRATION
52.204-9	NOV 2006	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL
52.209-6	SEP 2006	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS - NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA - MODIFICATIONS
52.215-12	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA
52.215-13	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA – MODIFICATIONS
52.215-14	OCT 1997	INTEGRITY OF UNIT PRICES
52.215-15	OCT 2004	PENSION ADJUSTMENTS AND ASSET REVERSIONS
52.215-17	OCT 1997	WAIVER OF FACILITIES CAPITAL COST OF MONEY
52.215-18	JUL 2005	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
52.215-21	OCT 1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA – MODIFICATIONS

52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT
52.217-2	OCT 1997	CANCELLATION UNDER MULTI-YEAR CONTRACTS
52.217-8	NOV 1999	OPTION TO EXTEND SERVICES
52.219-6	JUN 2003	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE
52.219-8	MAY 2004	UTILIZATION OF SMALL BUSINESS CONCERNS
52.219-14	DEC 1996	LIMITATIONS ON SUBCONTRACTING
52.222-1	FEB 1997	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES
52.222-2	JUL 1990	PAYMENT FOR OVERTIME PREMIUMS: Insert: Fill-in paragraph (a)"TBD"
52.222-3	JUN 2003	CONVICT LABOR
52.222-4	JUL 2005	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION
52.222-21	FEB 1999	PROHIBITION OF SEGREGATED FACILITIES
52.222-26	MAR 2007	EQUAL OPPORTUNITY
52.222-35	SEP 2006	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES.
52.222-37	SEP 2006	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-39	DEC 2004	NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES
52.222-41	JUL 2005	SERVICE CONTRACT ACT OF 1965, AS AMENDED
52.222-50	APR 2006	COMBATING TRAFFICKING IN PERSONS
52.223-3	JAN 1997	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA - ALTERNATE I (JUL 1995)
52.223-5	AUG 2003	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION
52.223-6	MAY 2001	DRUG-FREE WORKPLACE
52.223-10	AUG 2000	WASTE REDUCTION PROGRAM
52.223-14	AUG 2003	TOXIC CHEMICAL RELEASE REPORTING
52.224-1	APR 1984	PRIVACY ACT NOTIFICATION
52.224-2	APR 1984	PRIVACY ACT
52.225-13	FEB 2006	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES
52.226-5	AUG 2006	RESTRICTIONS ON SUBCONTRACTING OUTSIDE DISASTER OR EMERGENCY AREA
52.227-3	APR 1984	PATENT INDEMNITY
52.227-14	JUN 1987	RIGHTS IN DATA - GENERAL - ALTERNATE II (JUN 1987) and ALTERNATE III (JUN 1987)
52.227-16	JUN 1987	ADDITIONAL DATA REQUIREMENTS
52.227-17	JUN 1987	RIGHTS IN DATA - SPECIAL WORKS
52.227-19	JUN 1987	COMMERCIAL COMPUTER SOFTWARE - RESTRICTED RIGHTS
52.228-7	MAR 1996	INSURANCE - LIABILITY TO THIRD PERSONS
52.232-9	APR 1984	LIMITATION ON WITHHOLDING OF PAYMENTS
52.232-17	JUN 1996	INTEREST
52.232-18	APR 1984	AVAILABILITY OF FUNDS

CLAUSE NUMBER	DATE	TITLE
52.232-22	APR 1984	LIMITATION OF FUNDS: Insert: Substitute paragraph (c) "80 percent" for "75 percent"
52.232-23	JAN 1986	ASSIGNMENT OF CLAIMS
52.232-25	OCT 2003	PROMPT PAYMENT -- ALTERNATE I (FEB 2002)
52.232-34	MAY 1999	PAYMENT BY ELECTRONIC FUNDS TRANSFER - OTHER THAN CENTRAL CONTRACTOR REGISTRATION
52.232-33	OCT 2003	PAYMENT BY ELECTRONIC FUNDS TRANSFER - CENTRAL CONTRACTOR REGISTRATION
52.233-1	JUL 2002	DISPUTES - ALTERNATE I (DEC 1991)
52.233-3	AUG 1996	PROTEST AFTER AWARD - ALTERNATE I (JUN 1985)
52.233-4	OCT 2004	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM
52.237-2	APR 1984	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION
52.237-3	JAN 1991	CONTINUITY OF SERVICES
52.237-7	JAN 1997	INDEMNIFICATION AND MEDICAL LIABILITY INSURANCE – fill-in $1,000,000 per occurrence / $3,000,000 aggregate per year
52.239-1	AUG 1996	PRIVACY OR SECURITY SAFEGUARDS
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.242-13	JUL 1995	BANKRUPTCY
52.243-2	AUG 1987	CHANGES - COST-REIMBURSEMENT (AUG 1987) - ALTERNATE II (APR 1984)
52.243-7	APR 1984	NOTIFICATION OF CHANGES
52.244-2	AUG 1998	SUBCONTRACTS - ALTERNATE I (JAN 2006)
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING
52.244-6	MAR 2007	SUBCONTRACTS FOR COMMERCIAL ITEMS
52.245-1	JUN 2007	GOVERNMENT PROPERTY
52-245-2	JUN 2007	GOVERNMENT PROPERTY (INSTALLATION OPERATION SERVICES)
52.245-9	JUN 2007	USE AND CHARGES
52.246-25	FEB 1997	LIMITATION OF LIABILITY - SERVICES
52.247-1	FEB 2006	COMMERCIAL BILL OF LADING NOTATIONS: Insert: Fill-in paragraph (a) "NASA Kennedy Space Center"; paragraph (b) "TBD"; MESC Administrative Contracting Officer, "Mail Stop: OP-OS, Kennedy Space Center, FL 32899"
52.249-6	MAY 2004	TERMINATION (COST-REIMBURSEMENT)
52.249-14	APR 1984	EXCUSABLE DELAYS
52.251-1	APR 1984	GOVERNMENT SUPPLY SOURCES
52.251-2	JAN 1991	INTERAGENCY FLEET MANAGEMENT SYSTEM VEHICLES AND RELATED SERVICES
52.253-1	JAN 1991	COMPUTER GENERATED FORMS

B. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

CLAUSE NUMBER	DATE	TITLE
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-76	NOV 2004	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
1852.209-72	DEC 1988	COMPOSITION OF THE CONTRACTOR
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.227-11	--	PATENT RIGHTS – RETENTION BY THE CONTRACTOR (SHORT FORM)
1852.227-14	--	RIGHTS IN DATA – GENERAL
1852.227-17	--	RIGHTS IN DATA - SPECIAL WORKS
1852.227-19	--	COMMERCIAL COMPUTER SOFTWARE - RESTRICTED RIGHTS
1852.228-75	OCT 1988	MINIMUM INSURANCE COVERAGE
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.237-72	JUN 2005	ACCESS TO SENSITIVE INFORMATION
1852.237-73	JUN 2005	RELEASE OF SENSITIVE INFORMATION
1852.242-78	APR 2001	EMERGENCY MEDICAL SERVICES AND EVACUATION
1852.243-71	MAR 1997	SHARED SAVINGS

(End of clause)

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

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

(End of clause)

I.3 FAR 52.215-19 NOTIFICATION OF OWNERSHIP CHANGES (OCT 1997)

(a) The Contractor shall make the following notifications in writing:

(1) When the Contractor becomes aware that a change in its ownership has occurred, or is certain to occur, that could result in changes in the valuation of its capitalized assets in the accounting records, the Contractor shall notify the Administrative Contracting Officer (ACO) within 30 days.

(2) The Contractor shall also notify the ACO within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership.

(b) The Contractor shall -

(1) Maintain current, accurate, and complete inventory records of assets and their costs;

(2) Provide the ACO or designated representative ready access to the records upon request;

(3) Ensure that all individual and grouped assets, their capitalized values, accumulated depreciation or amortization, and remaining useful lives are identified accurately before and after each of the Contractor's ownership changes; and

(4) Retain and continue to maintain depreciation and amortization schedules based on the asset records maintained before each Contractor ownership change.

(c) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR 15.408(k).

(End of clause)

I.4 FAR 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the contractor within 30 days; provided that the Government gives the contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) In accordance with NFS 1817.207-70 (b) (1), the Government will perform an analysis to determine whether exercise of the option is in the Government's best interest. The analysis required to support the option exercise determination must include consideration of other factors in addition to price. In addition the other factors contained in FAR 17.207(e), the determination to exercise the option will consider, but is not limited to, the contractor's performance in satisfying contract requirements, for example, receiving positive performance ratings and the contractor's level of success.

(c) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(d) The Government may exercise one or more of the options specified in the contract consecutively or concurrently if it is deemed in the best interest of the Government.

(e) The total duration of this contract, including the exercise of any options under this clause, shall not exceed seven (7) years.

(End of clause)

I.5 FAR 52.219-28 Post-Award Small Business Program Rerepresentation (June 2007)

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

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts—

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the exercise date specified in the contract for any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at http://www.sba.gov/services/contractingopportunities/sizestandardstopics/.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the rerepresentation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure they reflect current status. The Contractor shall notify the contracting office by e-mail, or otherwise in writing, that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it ( ) is,( ) is not a small business concern under NAICS Code _____ assigned to contract number _____.[*Contractor to sign and date and insert authorized signer's name and title*].

(End of clause)

I.6 FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)

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

This Statement is for Information Only. It is not a Wage Determination.

Employee Class Monetary	**Wage—Fringe Benefits**
See Section J, Attachment J-16	

(End of clause)

I.7 FAR 52.223-7 NOTICE OF RADIOACTIVE MATERIALS (JAN 1997)

(a) The Contractor shall notify the Contracting Officer or designee, in writing, 30 days prior to the delivery of, or prior to completion of any servicing required by this contract of, items containing either (1) radioactive material requiring specific licensing under the regulations issued pursuant to the Atomic Energy Act of 1954, as amended, as set forth in Title 10 of the Code of Federal Regulations, in effect on the date of this contract, or (2) other radioactive material not requiring specific licensing in which the specific activity is greater than 0.002 microcuries per gram or the activity per item equals or exceeds 0.01 microcuries. Such notice shall specify the part or parts of the items which contain radioactive materials, a description of the materials, the name and activity of the isotope, the manufacturer of the materials, and any other information known to the Contractor which will put users of the items on notice as to the hazards involved (OMB No. 9000-0107).

(b) If there has been no change affecting the quantity of activity, or the characteristics and composition of the radioactive material from deliveries under this contract or prior contracts, the Contractor may request that the Contracting Officer or designee waive the notice requirement in paragraph (a) of this clause. Any such request shall -

(1) Be submitted in writing;

(2) State that the quantity of activity, characteristics, and composition of the radioactive material have not changed; and

(3) Cite the contract number on which the prior notification was submitted and the contracting office to which it was submitted.

(c) All items, parts, or subassemblies which contain radioactive materials in which the specific activity is greater than 0.002 microcuries per gram or activity per item equals or exceeds 0.01 microcuries, and all containers in which such items, parts or subassemblies are delivered to the Government shall be clearly marked and labeled as required by the latest revision of MIL-STD 129 in effect on the date of the contract.

(d) This clause, including this paragraph (d), shall be inserted in all subcontracts for radioactive materials meeting the criteria in paragraph (a) of this clause.

(End of clause)

I.8 FAR 52.223-9 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (AUG 2000)

(a) *Definitions.* As used in this clause -

Postconsumer material means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of recovered material.

Recovered material means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall -

(1) Estimate the percentage of the total recovered material used in contract performance, including, if applicable, the percentage of postconsumer material content; and

(2) Submit this estimate to the MESC COTR.

(End of clause)

I.9 FAR 52.223-11 OZONE-DEPLETING SUBSTANCES (MAY 2001)

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. §7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning

Contains (or manufactured with, if applicable) *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

(End of clause)

I.10 FAR 52.247-67 SUBMISSION OF TRANSPORTATION DOCUMENTS FOR AUDIT (FEB 2006)

(a) The Contractor shall submit to the address identified below, for prepayment audit, transportation documents on which the United States will assume freight charges that were paid--

(1) By the Contractor under a cost-reimbursement contract; and

(2) By a first-tier subcontractor under a cost-reimbursement subcontract thereunder.

(b) Cost-reimbursement Contractors shall only submit for audit those bills of lading with freight shipment charges exceeding $100. Bills under $100 shall be retained on-site by the Contractor and made available for on-site audits. This exception only applies to freight shipment bills and is not intended to apply to bills and invoices for any other transportation services.

(c) Contractors shall submit the above referenced transportation documents to--

John F. Kennedy Space Center, NASA

Accounting Control and Reporting Branch

GG-B-C2

Kennedy Space Center, Fl 32899

(End of clause)

I.11 NFS 1852.204-75 SECURITY CLASSIFICATION REQUIREMENTS (SEP 1989)

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of Secret Clearance. See Federal Acquisition Regulation clause 52.204-2 in this contract and DD Form 254, Contract Security Classification Specification, Section J, Attachment J-13.

(End of clause)

I.12 NFS 1852.215-84 OMBUDSMAN (OCT 2003)

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

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, Jim Hattaway, mail code: AA-B, Kennedy Space Center, FL 32899, phone number: 321-867-7246. Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail james.a.balinskas@nasa.gov. Please do not contact the ombudsman to request

copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the Contracting Officer or as specified elsewhere in this document.

(End of clause)

I.13 NFS 1852.237-71 PENSION PORTABILITY (JAN 1997)

(a) In order for pension costs attributable to employees assigned to this contract to be allowable costs under this contract, the plans covering such employees must:

(1) Comply with all applicable Government laws and regulations;

(2) Be a defined contribution plan, or a multiparty defined benefit plan operated under a collective bargaining agreement. In either case, the plan must be portable, i.e., the plan follows the employee, not the employer;

(3) Provide for 100 percent employee vesting at the earlier of one year of continuous employee service or contract termination; and

(4) Not be modified, terminated, or a new plan adopted without the prior written approval of the cognizant NASA Contracting Officer.

(b) The Contractor shall include paragraph (a) of this clause in subcontracts for continuing services under a service contract if:

(1) The prime contract requires pension portability;

(2) The subcontracted labor dollars (excluding any burdens or profit/fee) exceed $2,500,000 and ten percent of the total prime contract labor dollars (excluding any burdens or profit/fee); and

(3) Either of the following conditions exists:

(i) There is a continuing need for the same or similar subcontract services for a minimum of five years (inclusive of options), and if the subcontractor changes, a high percentage of the predecessor subcontractor's employees are expected to remain with the program; or

(ii) The employees under a predecessor subcontract were covered by a portable pension plan, a follow-on subcontract or a subcontract consolidating existing services is awarded, and the total subcontract period covered by the plan covers a minimum of five years (including both the predecessor and successor subcontracts).

(End of clause)

I.14 DRUG AND ALCOHOL FREE WORKFORCE (1852.223-74) (MAR 1996) (DEVIATION)

(a) **Definitions.** As used in this clause the terms **"employee," "controlled substance," "employee in a sensitive position,"** and **"use, in violation of applicable law or Federal regulation, of alcohol"** are as defined in 48 CFR 1823.570-2.

(b)(1) The Contractor shall institute and maintain a program for achieving a drug-and alcohol-free workforce. As a minimum, the program shall provide for preemployment, reasonable

suspicion, random, post-accident, and periodic recurring (follow-up) testing of contractor employees in sensitive positions for use, in violation of applicable law or Federal regulation, of alcohol or a controlled substance. The Contractor may establish its testing or rehabilitation program in cooperation with other contractors or organizations.

(2) In determining which positions to designate as "sensitive," the contractor will use the NASA Procedural Requirements (NPR) 3792.1B (July 29, 2006), Appendices A and B on "Testing Designated Positions" (TDPs) for federal employees, as a guide for the criteria and in designating "sensitive" positions for contractor employees.

(3) This clause neither prohibits nor requires the Contractor to test employees in a foreign country. If the Contractor chooses to conduct such testing, this clause does not authorize the Contractor to violate foreign law in conducting such testing.

(4) The contractor's program shall test for the use of phencyclidine (PCP), amphetamines, opiates, marijuana, cocaine, and alcohol. The Contractor's program may test for the use of other controlled substances. For example, the contractor may adopt and implement a more expansive drug- and alcohol-free workplace policy and testing program permitted under federal or state law (*e.g.*, Florida Statutes §§ 440.101 *et seq.*) or other authority.

(5) The contractor shall employ post-accident testing for all employees in sensitive positions performing work on a NASA facility for phencyclidine (PCP), amphetamines, opiates, marijuana, cocaine, and alcohol. Post-accident testing shall be conducted when the Contractor determines the employee's actions are reasonably suspected of having caused or contributed to an accident resulting in death or personal injury requiring immediate hospitalization or damage to Government or private property estimated to exceed $10,000.

(6) The Contractor's program shall conform to the "Mandatory Guidelines for Federal Workplace Drug Testing Programs" published by the Department of Health and Human Services (59 FR 29908, June 9, 1994) and the procedures in 49 CFR part 40, "Procedures for Transportation Workplace Drug Testing Programs," in which references to "DOT" shall be read as "NASA", and the split sample method of collection shall be used.

(c)(1) The Contractor's program shall provide, where appropriate, for the suspension, disqualification, or dismissal of any employee in a sensitive position in any instance where a test conducted and confirmed under the Contractor's program indicates that such individual has used, in violation of applicable law or Federal regulation, alcohol or a controlled substance.

(2) The Contractor's program shall further prohibit any such individual from working in a sensitive position on a NASA contract, unless such individual has completed a program of rehabilitation described in paragraph (d) of this clause.

(3) The Contractor's program shall further prohibit any such individual from working in any sensitive position on a NASA contract if the individual is determined under the Contractor's program to have used, in violation of applicable law or Federal regulation, alcohol or a controlled substance and the individual meets any of the following criteria:

(i) The individual had undertaken or completed a rehabilitation program described in paragraph (d) of this clause prior to such use;

(ii) Following such determination, the individual refuses to undertake such a rehabilitation program;

(iii) Following such determination, the individual fails to complete such a rehabilitation program; or

(iv) The individual used a controlled substance or alcohol while on duty.

(d) The Contractor shall institute and maintain an appropriate rehabilitation program which shall, as a minimum, provide for the identification and opportunity for treatment of employees whose duties include responsibility for safety-sensitive, security, or National security functions who are in need of assistance in resolving problems with the use of alcohol or controlled substances.

(e) The requirements of this clause shall take precedence over any state or local Government laws, rules, regulations, ordinances, standards, or orders that are inconsistent with the requirements of this clause.

(f) For any collective bargaining agreement, the Contractor will negotiate the terms of its program with employee representatives, as appropriate, under labor relations laws or negotiated agreements. Such negotiation, however, cannot change the requirements of this clause. Employees covered under collective bargaining agreements will not be subject to the requirements of this clause until those agreements have been modified, as necessary; provided, however, that if one year after commencement of negotiation the parties have failed to reach agreement, an impasse will be determined to have been reached and the Contractor will unilaterally implement the requirements of this clause.

(g) The Contractor shall insert a clause containing all the terms of this clause, including this paragraph (g), in all subcontracts in which work is performed by an employee in a sensitive position, except subcontracts for commercial items (see FAR Parts 2 and 12).

(End of clause)

I.15 DFARS 5352.242-9000 CONTRACTOR ACCESS TO AIR FORCE INSTALLATIONS (JUN 2002)

a) The contractor shall obtain base identification and vehicle passes for all contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. Contractor personnel are required to wear or prominently display installation identification badges or contractor-furnished, contractor identification badges while visiting or performing work on the installation.

(b) The contractor shall submit a written request on company letterhead to the contracting officer listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The contracting officer will endorse the request and forward it to the issuing base pass and registration office or security police for processing. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver's license, current vehicle registration, valid vehicle insurance certificate, and other information as determined by the 45 Space Wing to obtain a vehicle pass.(c) During performance of the contract, the contractor shall be

responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site.

(d) When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with AFI 31-101, Volume 1, The Air Force Installation Security Program, and AFI 31-501, Personnel Security Program Management, as applicable.

(e) Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office.

(f) Failure to comply with these requirements may result in withholding of final payment.

(End of clause)

[END OF SECTION]

J.1 MESC LIST OF ATTACHMENTS

Attachment No.	ATTACHMENT TITLE
J-1	Performance Work Statement
J-2	IT Security Implementation Guide
J-3	Specialized Physician Support for Human Spacecraft Launches and Landings Requirements
J-4	Data Requirements List/Data Requirements Description (DRL/DRD)
J-5	Work Load Indicators
J-6	Government Furnished Property (GFP) to be Replaced as Contractor Acquired Property (CAP)
J-7	Register of Wage Determination and Fringe Benefits
J-8	Government Furnished Facilities
J-9	MESC Compliance Document List
J-10	Award Fee Evaluation Plan
J-11	Glossary, Acronyms, and Abbreviations
J-12	Matrix of Government Furnished Services
J-13	DD Form 254 (Contract Security Classification Specification)
J-14	Government Furnished Property (GFP) – Replaced as Contractor Property
J-15	Performance Standards
J-16	Statement Of Equivalent Rates For Federal Hires

[END OF SECTION]

C. RECALCULATION OF OVERTIME RATE

If bonuses are paid to hourly employees, the Contractor is required under 29 CFR§778.208 of the Fair Labor Standards Act to recalculate base rates for purposes of determining overtime pay for the period covered by the bonus payment. This will result in an additional one time, retroactive payment for overtime worked during the period. Such retroactive payments are considered expressly unallowable under this contract.

D. FRINGE BENEFITS

The contractor shall inform the Contracting Officer of all proposed changes in fringe benefits which may result in an increased cost to the contract as soon as practicable, but in any event, prior to such changes being implemented. Fringe benefits costs must comply with FAR 31.205-6(m), and in no case shall the resultant rate exceed the fringe ceiling rates identified in paragraph B above. Fringe benefits include, but are not limited to, such items as health insurance, life insurance, pension plans, retiree health care, savings plans, bonus plans, education assistance, and leave policies. Failure to comply with the terms of this clause may result in the disallowance of costs. Any payment for unused accrued sick leave shall be considered expressly unallowable costs under this contract.

E. TRANSFER OF ACCRUED BENEFITS

The contractor shall accept transfer of accrued sick leave balances earned on predecessor NASA-KSC contracts and unused by incumbent employees from the immediate predecessor contracts, NAS10-99001 and NAS10-02001, and shall recognize the sick leave and vacation leave accrual rates of incumbent personnel hired from the immediate predecessor contract, provided the employee had no break in service from the immediate predecessor contract exceeding 60 days prior to their hire for service on this contract. Costs associated with transferred sick leave hours shall be allowable costs for reimbursement under this contract only when used by the employee, and shall be allowable only to the extent used by the employee to receive pay for hours off work for approved medical purposes during a duty tour. All other lump sum or other sick leave payments for accrued sick leave shall be considered expressly unallowable costs under this contract.

F. SEVERANCE PAY

Not withstanding the provisions of FAR 31.205-6(g), reimbursement for severance pay shall be allowable only to the extent an employee is involuntarily terminated and as required by law. In no event shall the Contractor be reimbursed for the cost of severance pay for any individual contractor employee at the end of the contract period of performance. Severance pay pursuant to employer-employee agreement, implied agreement, or circumstances of the particular employment on the Contractor's part prior to the expiration of the contract shall be considered unallowable unless approved in advance by the Contracting Officer.

G. RELOCATION COSTS

Reimbursement for relocation costs shall be in accordance with the provisions of FAR Part 31.205-35, Relocation Costs. No relocation costs shall be reimbursable under this contract for employees whose residence at the time of hiring or assignment to this contract was within a fifty (50) mile radius of Kennedy Space Center, Florida. Relocation costs shall only apply to key personnel. The contractor shall not be entitled to reimbursement under this contract for cost of relocating employees to any other gaining

contractor activity or site that is not associated with this contract. In no event shall the reimbursement for relocation costs exceed $100,000 per fiscal year.

H. COSTS NOT SUBJECT TO FEE

The Contractor shall not apply fee to the following items: equipment, plant equipment, special tooling, special test equipment, office supplies, materials and supplies (including materials and supplies procured through subcontracts), interdivisional transfers (material only), relocation costs, leases, software licenses, IT equipment, travel, training, and NASA office supplies.

I. ADMINISTRATIVE LEAVE REIMBURSEMENT

A. When administrative leave is granted to Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), contractor personnel working in affected areas may be granted administrative leave to the extent such leave is in accord with the contractor's (i.e., employers') established leave-and-earnings policy and consistent with the contractor's performance under the contract. However, the contractor shall provide sufficient on-site personnel to perform requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative. The contractor shall not grant administrative leave in accordance with the circumstances above prior to coordination with and concurrence by the Contracting Officer.

B. Any costs associated with the contractor's grant of administrative leave shall be treated in accordance with the contract terms and other applicable cost principles and limitations, as determined by the Contracting Officer, including those set forth in FAR Part 31. In any event, additional costs associated with those employees not granted administrative leave will be expressly unallowable.

(End of clause)

[END OF SECTION]

C.1 SCOPE OF WORK

The contractor shall provide all personnel, materials, equipment, and facilities (except as otherwise provided for in this contract) necessary to perform those functions set forth in Attachment J-1, entitled "Performance Work Statement (PWS) for Medical and Environmental Support Contract (MESC)"

(End of clause)

C.2 DATA REQUIREMENTS LIST (DRL)

The contractor shall furnish all data identified and described in Section J, Attachment J-4 "Data Requirements List/Data Requirements Description (DRL/DRD) for Medical and Environmental Support Contract (MESC)," and all costs associated therewith are included in the estimated cost of the contract.

The Government reserves the right to delay the date of delivery of any or all DRDs specified in the DRL and such right may be exercised at no increase in the estimated cost. The Government also reserves the right to terminate the requirement for any or all DRDs specified in the DRL. In the event the Government exercises this latter right, the estimated cost shall be decreased in accordance with the Changes Clause.

To the extent that data required to be delivered under a DRL/DRD is also required to be delivered under another clause of the contract, the requirements established by both the DRL/DRD and such other contract clause shall apply. In the event of a conflict between the data requirements of the DRL/DRD and another contract clause, the contract clause shall take precedence.

Nothing contained in this DRL clause shall relieve the contractor from delivering data that is not identified and described in the DRL/DRD but, required under another clause of the contract.

(End of clause)

[END OF SECTION]

D.1 PACKAGING, HANDLING, AND TRANSPORTATION

The Contractor's packaging, handling, and transportation procedures may be used, in whole or in part, subject to the written approval of the Contracting Officer, provided (1) the Contractor's procedures are not in conflict with any requirements of this contract, and (2) the requirements of this contract shall take precedence in the event of any conflict with the Contractor's procedures.

(End of clause)

[END OF SECTION]

E.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
52.246-2	AUG 1996	INSPECTION OF SUPPLIES-FIXED PRICE
52.246-3	MAY 2001	INSPECTION OF SUPPLIES-- COST-REIMBURSEMENT
52.246-4	AUG 1996	INSPECTION OF SERVICES – FIXED PRICE
52.246-5	APR 1984	INSPECTION OF SERVICES-- COST-REIMBURSEMENT
52.246-16	APR 1984	RESPONSIBILITY FOR SUPPLIES

DEPARTMENT OF DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (DFARS) (48 CFR CHAPTER 2)

Note: These clauses apply only to work performed for the Department of Defense (DoD).

CLAUSE NUMBER	DATE	TITLE
252.246-7000	MAR 2003	MATERIAL INSPECTION AND RECEIVING REPORT

(End of clause)

E.2 FAR 52.246-11 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (FEB 1999)

The Contractor shall comply with the standard titled: ANSI/ISO/ASQ-Q9001-2000 "Quality Management Systems (QMS) – Requirements" in effect on the contract date, which is hereby incorporated into this contract. The Contractor shall become ANSI/ISO/ASQ-Q9001-2000 compliant within 12 months of contract effective date.

(End of clause)

E.3 NFS 1852.246-71 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (OCT 1988)

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

Inspection and acceptance of all work shall be performed at John F. Kennedy Space Center, Cape Canaveral Air Force Station, and such other places of performance or delivery of work required under this contract.

(End of clause)

E.4 NFS 1852.246-72 MATERIAL INSPECTION AND RECEIVING REPORT (AUG 2003)

(a) At the time of each delivery to the Government under this contract, the Contractor shall furnish a Material Inspection and Receiving Report (DD Form 250 series) prepared in three (3) copies (an original and two (2) copies).

(b) The Contractor shall prepare the DD Form 250 in accordance with NASA FAR Supplement 1846.6. The Contractor shall enclose the copies of the DD Form 250 in the package or seal them in a waterproof envelope, which shall be securely attached to the exterior of the package in the most protected location.

(c) When more than one package is involved in a shipment, the Contractor shall list on the DD Form 250, as additional information, the quantity of packages and the package numbers. The Contractor shall forward the DD Form 250 with the lowest numbered package of the shipment and print the words "CONTAINS DD FORM 250" on the package.

(End of clause)

E.5 INSPECTION AND ACCEPTANCE PROCEDURES FOR THE USAF REQUIREMENTS

Inspection of supplies/services provided to the USAF shall be in accordance with USAF requirements as specified in this contract. The USAF will confirm acceptance of supplies/ services after validating DRD and metric data.

(End of clause)

[END OF SECTION]

F.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
52.242-15	AUG 1989	STOP-WORK ORDER (ALTERNATE 1) (APR 1984)
52.247-34	NOV 1991	F.O.B. DESTINATION

(End of clause)

F.2 PLACE OF PERFORMANCE - SERVICES

The place of performance shall be the John F. Kennedy Space Center (KSC) and surrounding vicinities, Cape Canaveral Air Force Station, additional locations described in Section J, Attachment J-1 Performance Work Statement (PWS) for Medical and Environmental Support Contract (MESC), and at such other locations as may be approved in writing by the Contracting Officer.

(End of clause)

F.3 DELIVERY INSTRUCTIONS

(a) The Contractor shall ship the items required under this contract to:

[NASA mailing office address to be provided at time of award]

Marked for: MESC

Consignee: TBD

Contract Number: TBD

Organization/Office Code: TBD

Building No.: TBD

(b) Unless otherwise authorized in advance by the Contracting Officer, deliveries under this contract shall be made between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday, excluding Federal holidays.

(c) Additional delivery instructions: TBD

(d) Additional marking instructions: TBD

(End of clause)

[END OF SECTION]

G.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

A. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
1852.223-71	DEC 1988	FREQUENCY AUTHORIZATION
1852.227-70	MAY 2002	NEW TECHNOLOGY
1852.242-71	DEC 1988	TRAVEL OUTSIDE OF THE UNITED STATES
1852.242-73	NOV 2004	NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
1852.245-70	JUL 1997	CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT
1852.245-73	OCT 2003	FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS

B. THE FOLLOWING DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (DFARS) CLAUSES APPLY TO THE USAF WORK UNDER THIS CONTRACT:

CLAUSE NUMBER	DATE	TITLE
252.246-7000	MAR 003	MATERIAL INSPECTION AND RECEIVING REPORT

(End of clause)

G.2 NFS 1852.216-76 AWARD FEE FOR SERVICES CONTRACTS

(JUNE 2000)

(a) The contractor can earn award fee from a minimum of zero dollars to the maximum stated in NASA FAR Supplement clause 1852.216-85, "Estimated Cost and Award Fee" in this contract.

(b) Beginning twelve (12) months after the effective date of this contract, the Government shall evaluate the Contractor's performance every twelve (12) months to determine the amount of award fee earned by the contractor during the period. The Contractor may submit a self-evaluation of performance for each evaluation period under consideration. These self-evaluations will be considered by the Government in its evaluation. The

Government's Fee Determination Official (FDO) will determine the award fee amounts based on the Contractor's performance in accordance with Section J, Attachment J-10 Award Fee Evaluation Plan. The plan may be revised unilaterally by the Government prior to the beginning of any rating period to redirect emphasis.

(c) The Government will advise the Contractor in writing of the evaluation results. The Accounts Payable Section, Code GG-B-C2, will make payment based on issuance of a unilateral modification by contracting officer.

(d) After 85 percent of the potential award fee has been paid, the Contracting Officer may direct the withholding of further payment of award fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total potential award fee.

(e) The amount of award fee which can be awarded in each evaluation period is limited to the amounts set forth at B.1. Award fee which is not earned in an evaluation period cannot be reallocated to future evaluation periods.

(f)(1)Provisional award fee payments will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is the lesser of 60 percent or the prior period's evaluation score.

(2) Provisional award fee payments will be superseded by the final award fee evaluation for that period. If provisional payments exceed the final evaluation score, the Contractor will either credit the next payment voucher for the amount of such overpayment or refund the difference to the Government, as directed by the Contracting Officer.

(3) If the Contracting Officer determines that the Contractor will not achieve a level of performance commensurate with the provisional rate, payment of provisional award fee will be discontinued or reduced in such amounts as the Contracting Officer deems appropriate. The Contracting Officer will notify the Contractor in writing if it is determined that such discontinuance or reduction is appropriate.

(4) Provisional award fee payments will be made prior to the first award fee determination by the Government.

(g) Award fee determinations are unilateral decisions made solely at the discretion of the Government.

(End of clause)

G.3 NFS 1852.216-87 SUBMISSION OF VOUCHERS FOR PAYMENT

(MARCH 1998)

Note: These billing instructions apply only to the NASA CLINs as identified in paragraph B.2, Scope of Work and Contract Value.

(a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated below. Public vouchers for payment of costs shall include a reference to the number of this contract.

(b) (1) If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

NASA Shared Services Center (NSSC)
Financial Management Division (FMD) – Accounts Payable
Bldg 1111, C. Road
Stennis Space Center, MS 39529
Phone#: 1-877-677-2123
Fax: 1-866-209-5415
Email: NSSC-AccountsPayable@nasa.gov

(2) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(3) Copies of vouchers should be submitted as directed by the Contracting Officer.

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

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

John F. Kennedy Space Center, NASA
Accounting Control and Reporting Branch
GG-B-C2
Kennedy Space Center, Fl 32899

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

(i) Copy 1 NASA Contracting Officer

(ii) Copy 2 Auditor

(iii) Copy 3 Contractor

(iv) Copy 4 Contract administration office; and

(v) Copy 5 Project management office.

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

(d) Public vouchers for payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:

John F. Kennedy Space Center, NASA

Attn: Contracting Officer, OP-OS

Kennedy Space Center, FL 32899

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

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

(f) The contractor shall identify on each invoice any monthly and cumulative deviations from reported costs through the same period.

(End of clause)

G.4 NFS 1852.227-72 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (JULY 1997)

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

Title	Office Code	Address
New Technology Representative	KT	John F. Kennedy Space Center, NASA Attn: Technology Transfer Officer KT Kennedy Space Center, FL 32899
Patent Representative	CC-A	John F. Kennedy Space Center, NASA Attn: Randall Heald Patent Counsel CC-A Kennedy Space Center, FL 32899

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, should be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquiries or requests regarding disposition of rights, election of rights, or related matters should be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights--Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective

responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

(End of clause)

G. 5 NFS 1852.245-70 CONTRACTOR REQUESTS FOR GOVERNMENT-PROVIDED PROPERTY (DEVIATION) (SEPTEMBER 2007)

(a) The Contractor shall provide all property required for the performance of this contract. The Contractor shall not acquire or construct items of property to which the Government will have title under the provisions of this contract, without the Contracting Officer's written authorization. Property which will be acquired as a deliverable end item as material or as a component for incorporation into a deliverable end item is exempt from this requirement.

(b)(1) In the event the Contractor is unable to provide the property necessary for performance, and the Contractor requests provision of property by the Government, the Contractor's request shall:

(i) Justify the need for the property;

(ii) Provide the reasons why contractor-owned property cannot be used; and

(iii)Describe the property in sufficient detail to enable the Government to screen its inventories for available property or to otherwise acquire property, including applicable manufacturer, model, part, catalog, National Stock Number or other pertinent identifiers.

(iv) Combine requests for quantities of items with identical descriptions and estimated values when the estimated values do not exceed $100,000 per unit.

(v) Include only a single unit when the acquisition or construction value equals or exceeds $100,000.

(2) Contracting Officer authorization is required for items the Contractor intends to manufacture as well as those it intends to purchase.

(3) The Contractor shall submit requests to the Contracting Officer no less than 30 days in advance of the date the Contractor would, should it receive authorization, acquire or begin fabrication of the item.

(c) The Contractor shall maintain copies of Contracting Officer authorizations, appropriately cross-referenced to the individual property record, within its property management system.

(d) Property furnished from Government excess sources is provided as-is, where-is. The Government makes no warranty regarding its applicability for performance of the contract or its ability to operate. Failure of property obtained from Government excess sources under this clause is insufficient reason for submission of requests for equitable adjustments discussed in the Government Property clause at 52.245-1.

(End of clause)

G.6 NFS 1852.245-71 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (DEVIATION) (SEPTEMBER 2007)

(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 contracting officer under (b)(1)(iv). Under this clause, the Government retains accountability for, and title to, the property, and the Contractor comply with the following:

NASA Procedural Requirements (NPR) 4100, NASA Materials Inventory Management Manual

NASA Procedural Requirements (NPR) 4200, NASA Equipment Management Procedural Requirements

NASA Procedural Requirement (NPR) 4300, NASA Personal Property Disposal Procedural Requirements

Property not recorded in NASA property systems must be managed in accordance with the requirements of FAR 52.245-1.

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

(b)(1) The official accountable 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 Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the Contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

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

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

(iii) The Contractor shall establish a record of the property as required by FAR 52.245-1, Government Property, and furnish to the Industrial Property Officer a DD Form 1149, Requisition and Invoice/Shipping Document, (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the Contractor. The Contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the Contracting Officer and notification of the Industrial Property Officer. The property shall be considered Government furnished and the Contractor shall assume accountability and financial reporting responsibility. The Contractor shall assume accountability and financial reporting responsibility for such property. The Contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR 52.245-1, Government Property, 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 Contracting Officer.

(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.

X (3) Property listed in Section J, Attachment J-6.

(ii) 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.

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

X (4) Supplies from stores stock.

X (5) Publications and blank forms stocked by the installation.

X (6) Safety and fire protection for Contractor personnel and facilities.

___(7) Installation service facilities: None

X (8) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site 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 shall be provided on-site, as approved by the Contracting Officer.

(End of clause)

G.7 NFS 1852.245-73 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (DEVIATION) (SEPTEMBER 2007)

(a) The Contractor shall submit annually a NASA Form (NF) 1018, NASA Property in the Custody of Contractors, in accordance with the provisions of 1845.505-14, the instructions on the form, subpart 1845.71, and any supplemental instructions for the current reporting period issued by NASA.

(b)(1) Subcontractor use of NF 1018 is not required by this clause; however, the Contractor shall include data on property in the possession of subcontractors in the annual NF 1018.
(2) The Contractor shall mail the original signed NF 1018 directly to the cognizant NASA Center Deputy Chief Financial Officer, Finance, unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.
(3) One copy shall be submitted (through the Department of Defense (DOD) Property Administrator if contract administration has been delegated to DOD) to the following address: N/A, unless the Contractor uses the NF 1018 Electronic Submission System (NESS) for report preparation and submission.

(c)(1) The annual reporting period shall be from October 1 of each year through September 30 of the following year. The report shall be submitted in time to be received by October 15. The information contained in these reports is entered into the NASA accounting system to reflect current asset values for agency financial statement purposes. Therefore, it is essential that required reports be received no later than October 15. Some activity may be estimated for the month of September, if necessary, to ensure the NF 1018 is received when due. However, contractors' procedures must document the process for developing these estimates based on planned activity such as planned purchases or NASA Form 533 (NF 533 Contractor Financial Management Report) cost estimates. It should be supported and documented by historical experience or other corroborating evidence, and be retained in accordance with FAR Subpart 4.7, Contractor Records Retention. Contractors shall validate the reasonableness of the estimates and associated methodology by comparing them to the actual activity once that data is available, and adjust them accordingly. In addition, differences between the estimated cost and actual cost must be adjusted during the next reporting period. Contractors shall have formal policies and procedures, which address the validation of NF 1018 data, including data from subcontractors, and the identification and timely reporting of errors. The objective of this validation is to ensure that information reported is accurate and in compliance with the NASA FAR Supplement. If errors are discovered on NF 1018 after submission, the contractor shall contact the cognizant NASA Center Industrial Property Officer (IPO) within 30 days after discovery of the error to discuss corrective action.

(2) The Contracting Officer may, in NASA's interest, withhold payment until a reserve not exceeding $25,000 or 5 percent of the amount of the contract, whichever is less, has been set aside, if the Contractor fails to submit annual NF 1018 reports in accordance with 1845.505-14 and any supplemental instructions for the current reporting period issued by NASA. Such reserve shall be withheld until the Contracting Officer has determined that NASA has received the required reports. The withholding of any amount or the subsequent payment thereof shall not be construed as a waiver of any Government right.

(d) A final report shall be submitted within 30 days after disposition of all property subject to reporting when the contract performance period is complete in accordance with (b)(1) through (3) of this clause.

(End of clause)

G.8 NFS 1852.245-74 IDENTIFICATION AND MARKING OF GOVERNMENT EQUIPMENT (DEVIATION) (SEPTEMBER 2007)

(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 Handbook. This includes deliverable equipment listed in the schedule and other equipment when 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) Property shall be marked in a location that will be human readable, without disassembly or movement of the property, 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 items physically transferred under paragraph (a) the following additional data is required:

(1) Date originally placed in service.

(2) Item condition.

(3) Date last serviced.

(e) The data required in paragraphs (c) and (d) shall be delivered to the NASA center receiving activity listed below:

MESC Contracting Officer, Mailstop OP-OS

(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)

G.9 NFS 1852.245-75 PROPERTY MANAGEMENT CHANGES (DEVIATION) (SEPTEMBER 2007)

(a) The Contractor shall submit any changes to standards and practices used for management and control of Government property under this contract to the assigned property administrator and Industrial Property Officer (IPO), prior to making the change whenever the change --

(1) Employs a standard that allows increase in thresholds or changes the timing for reporting loss, damage, or destruction of property;

(2) Alters physical inventory timing or procedures;

(3) Alters recordkeeping practices;

(4) Alters practices for recording the transport or delivery of Government property; or

(5) Alters practices for disposition of Government property.

(b) The Contractor shall contact the IPO at:

NASA-KSC Industrial Property Officer: Cynthia R. Jarvis
Attn: Mail Code: TA-E1/Logistics and Services Branch
Kennedy Space Center, FL 32899
(321) 867-3421
Cynthia.R.Jarvis@nasa.gov

(End of clause)

G.10 NFS 1852.245-76 LIST OF GOVERNMENT PROPERTY FURNISHED PURSUANT TO FAR 52.245-1 (DEVIATION) (SEPTEMBER 2007)

(a) For performance of work under this contract, the Government will make available Government property identified below or in Attachment J-6 of this contract on a no-charge-for-use basis pursuant to the clause at FAR 52.245-1, Government Property. The Contractor shall use this property in the performance of this contract at Kennedy Space Center, Cape Canaveral Air Force Station and at other location(s) as may be approved by the Contracting Officer. Under FAR 52.245-1, Government Property the Contractor is accountable for the identified property.

Item Description	Acquisition Date	Acquisition Cost	Quantity	If equipment		
				Manufacturer	Model	Serial Number
Reference Section J, Attachment J-6						

(b) For performance of work under this contract, and in accordance with FAR 52.245-2, Government Property Installation Operation Services the Government will make available Government property identified below or in Attachment J-14 of this contract on a no-charge-for-use basis. The Contractor shall use this property in the

performance of this contract at Kennedy Space Center, Cape Canaveral Air Force and at other location(s) as may be approved by the Contracting Officer.

(End of clause)

G.11 NFS 1852.245-77 LIST OF GOVERNMENT PROPERTY FURNISHED PURSUANT TO FAR 52.245-2 (DEVIATION) (SEPTEMBER 2007)

For performance of work under this contract, the Government will make available Government property identified below or in Attachment J-14 of this contract on a no-charge-for-use basis pursuant to FAR 52.245-2, Government Property Installation Operation Services. The Contractor shall use this property in the performance of this contract at Kennedy Space Center, Cape Canaveral Air Force and at other location(s) as may be approved by the Contracting Officer.

Item Description	Acquisition Date	Acquisition Cost	Quantity	If equipment		
				Manufacturer	Model	Serial Number
Reference Section J, Attachment J-14						

(End of clause)

G.12 NFS 1852.245-78 PHYSICAL INVENTORY OF CAPITAL PERSONAL PROPERTY (DEVIATION) (SEPTEMBER 2007)

(a) In addition to physical inventory requirements under the clause at FAR 52.245-1, Government Property, the Contractor shall conduct annual physical inventories for individual property items with an acquisition cost exceeding $100,000.

(1) The Contractor shall inventory --

(i) Items of property furnished by the Government;

(ii) Items acquired by the Contractor and titled to the Government under the clause at FAR 52.245-1;

(iii) Items constructed by the Contractor and not included in the deliverable, but titled to the Government under the clause at FAR 52.245-1; and

(iv) Complete but undelivered deliverables.

(2) The Contractor shall use the physical inventory results to validate the property record data, specifically location, condition and use status, and to prepare summary reports of inventory as described in paragraph (c) of this clause.

(b) Unless specifically authorized in writing by the NASA Industrial Property Officer (IPO), the inventory shall be performed and posted by individuals other than those assigned custody of the items, responsibility for

maintenance, or responsibility for posting to the property record. The Contractor may request a waiver from this separation of duties requirement from the NASA IPO, when all of the conditions in either (1) or (2) below are met.

(1) The Contractor utilizes an electronic system for property identification, such as a laser bar-code reader or radio frequency identification reader, and

(i) The programs or software preclude manual data entry of inventory identification data by the individual performing the inventory; and

(ii) The inventory and property management systems contain sufficient management controls to prevent tampering and assure proper posting of collected inventory data.

(2) The Contractor has limited quantities of property, limited personnel, or limited property systems; and,

(i) The Contractor provides written confirmation that the Government property exists in the recorded condition and location; and

(ii) The items continue to be used exclusively for performance of the contract or as otherwise authorized by the Contracting Officer.

(3) The Contractor shall submit the request to the cognizant property administrator and obtain approval from the IPO prior to implementation of the practice.

(c) The Contractor shall report the results of the physical inventory to the property administrator and the NASA Industrial Property Officer within 10 calendar days of completion of the physical inventory. The report shall --

(1) Provide a summary showing number and value of items inventoried; and

(2) Include additional supporting reports of --

(i) Loss, damage or destruction, in accordance with the clause at 52.245-1, Government Property;

(ii) Idle property available for reuse or disposition; and

(iii) A summary of adjustments made to location, condition, status, or user as a result of the physical inventory reconciliation.

(d) The Contractor shall retain all physical inventory records, including records of all transactions associated with inventory reconciliation. All records shall be subject to Government review and/or audit.

(End of clause)

G. 13 NFS 1852.245-82 OCCUPANCY MANAGEMENT REQUIREMENTS (DEVIATION) (SEPTEMBER 2007)

(a) In addition to the requirements of the clause at FAR 52.245-1, Government Property, the Contractor shall comply with the following in performance of work in and around Government real property:

(1) NPD 8800.14, Policy for Real Property Management.

(2) NPR 8831.2, Facility Maintenance Management

[*Insert any additional Center occupancy requirements here*]

(b) The Contractor shall obtain the written approval of the Contracting Officer before installing or removing Contractor-owned property onto or into any Government real property or when movement of Contractor-owned property may damage or destroy Government-owned property. The Contractor shall restore damaged property to its original condition at the Contractor's expense.

(c) The Contractor shall not acquire, construct or install any fixed improvement or structural alterations in Government buildings or other real property without the advance, written approval of the Contracting Officer. Fixed improvement or structural alterations, as used herein, means any alteration or improvement in the nature of the building or other real property that, after completion, cannot be removed without substantial loss of value or damage to the premises. Title to such property shall vest in the Government.

(d) The Contractor shall report any real property or any portion thereof when it is no longer required for performance under the contract, as directed by the Contracting Officer.

(End of clause)

G.14 FUNDING FOR USAF REQUIREMENTS

A. The USAF is an authorized Direct Funding Activity under this contract. The USAF will issue separate unilateral Funding Orders to incrementally fund the USAF requirements.

B. The Funding Order will contain at a minimum:

1. Contract number and Funding Order number
2. Effective date of the order
3. Break-out amounts by current funded, and cumulative funded total estimated cost and award fee by applicable Sub-CLIN
4. Accounting and appropriations data

C. The Contractor shall provide acknowledgement of receipt to the USAF Contracting Officer and NASA Contracting Officer within two working days after receipt of the Funding Order.

D. The USAF Contracting Officer may modify Funding Orders unilaterally to increase funding on the Funding Order, but funding decreases will be done via bilateral modification.

(End of clause)

G.15 TOTAL AVAILABLE AWARD FEE SCHEDULE

The amount of award fee earned shall be determined in accordance with Section J, Attachment J-10, Award Fee Evaluation Plan, and G.2, 1852.216-76 Award Fee for Service Contracts. The following tables specify the award fee available and award fee earned. For purposes of NASA and the USAF funding the award fee pool, the Total Available Award Fee Pool shall be initially split 84% NASA and 16% USAF and adjusted annually. NASA will make monthly provisional award fee payments, and a final earned award fee payment in accordance with paragraphs G.2 and G.3. The USAF will make award fee payments following the final award fee determination in accordance with G.16 and G.18.

TABLE G.15-1A AVAILABLE AND EARNED FEE FOR NASA REQUIREMENTS

Evaluation Period	CLINs	Available Fee	Earned Fee	Score	Rating
Base Period of Performance from 10/1/2008 to 9/30/2013					
10/01/2008 - 09/30/2009	TBD	$TBD	$TBD	TBD	TBD
10/01/2009 - 09/30/2010	TBD	$TBD	$TBD	TBD	TBD
10/01/2010 - 09/30/2011	TBD	$TBD	$TBD	TBD	TBD
10/01/2011 - 09/30/2012	TBD	$TBD	$TBD	TBD	TBD
10/01/2012 - 09/30/2013	TBD	$TBD	$TBD	TBD	TBD
First Option Period of Performance from 10/1/2013 to 9/30/2014					
10/01/2013 - 09/30/2014	TBD	$TBD	$TBD	TBD	TBD
Second Option Period of Performance from 10/1/2014 to 9/30/2015					
10/01/2014 - 09/30/2015	TBD	$TBD	$TBD	TBD	TBD
Total		$	$		

TABLE G.15-1B AVAILABLE AND EARNED FEE FOR USAF REQUIREMENTS

Evaluation Period	CLINs	Available Fee	Earned Fee	Score	Rating
Base Period of Performance from 10/1/2008 to 9/30/2013					
10/01/2008 - 09/30/2009	TBD	$TBD	$TBD	TBD	TBD
10/01/2009 - 09/30/2010	TBD	$TBD	$TBD	TBD	TBD
10/01/2010 - 09/30/2011	TBD	$TBD	$TBD	TBD	TBD
10/01/2011 - 09/30/2012	TBD	$TBD	$TBD	TBD	TBD
10/01/2012 - 09/30/2013	TBD	$TBD	$TBD	TBD	TBD
First Option Period of Performance from 10/1/2013 to 9/30/2014					
10/01/2013 - 09/30/2014	TBD	$TBD	$TBD	TBD	TBD
Second Option Period of Performance from 10/1/2014 to 9/30/2015					
10/01/2014 - 09/30/2015	TBD	$TBD	$TBD	TBD	TBD
Total		$	$		

(End of clause)

G.16 USAF AWARD FEE PAYMENTS

The Contractor shall invoice the USAF directly for earned award fee on an annual basis following the final award fee determination after each award fee period.

(End of clause)

G.17 NASA-USAF COST ALLOCATION INVOICING INSTRUCTIONS

A. The Contractor shall invoice both the NASA and USAF separately for actual costs incurred under PWS Section 1.0 as follows:

1. All invoicing shall be in accordance with paragraph G.3, NFS 1852.216-87 Submission of Vouchers for Payment for NASA, and paragraph G.18, DFARS 252.232-7003 Electronic Submission of Payment Requests For USAF.

2. Indirect costs for PWS 1.0 - the contractor shall separately apportion and invoice NASA and USAF for the indirect costs of performing the work under this section in accordance with the cost share ratios identified in Table G.17-1 below.

3. Direct costs and associated indirect costs, attributable to NASA and the USAF shall be invoiced by citing the appropriate CLIN as identified in B.2, Scope of Work and Contract Value.

4. Routine direct and indirect costs reporting requirements are outlined in DRD 1.5-007, Report, Direct and Indirect Rates.

5. All indirect costs shall be fully allocated each month to the appropriate CLIN's on the share ratios identified in Table G.17-1 below.

TABLE G.17-1 -- NASA-USAF COST SHARE RATIOS FOR PWS SECTION 1.0		
NASA-KSC BASE PERIOD OF PERFORMANCE FROM 10/1/2008 TO 09/30/2013		
CLIN	TYPE	COST SHARE RATIOS*
001	Base Period - First Year	TBD
001	Base Period - Second Year	TBD
001	Base Period - Third Year	TBD
001	Base Period - Fourth Year	TBD
001	Base Period - Fifth Year	TBD
NASA-KSC FIRST OPTION PERIOD OF PERFORMANCE FROM 10/1/2013 TO 09/30/2014		
003	First Option Period	TBD
NASA-KSC SECOND OPTION PERIOD OF PERFORMANCE FROM 10/1/2014 TO 09/30/2015		
005	Second Option Period	TBD

USAF BASE PERIOD OF PERFORMANCE FROM 10/1/2008 TO 09/30/2013		
007	Base Period - First Year	TBD
007	Base Period - Second Year	TBD
007	Base Period - Third Year	TBD
007	Base Period - Fourth Year	TBD
007	Base Period - Fifth Year	TBD
USAF FIRST OPTION PERIOD OF PERFORMANCE FROM 10/1/2013 TO 09/30/2014		
008	USAF Option 1 - CPAF	TBD
USAF SECOND OPTION PERIOD OF PERFORMACE FROM 10/1/2014 TO 09/30/2015		
009	USAF Option 2 - CPAF	TBD

* To be negotiated prior to award.

6. On a semi-annual basis, the Contractor shall perform reconciliation for each CLIN to ensure that the sum of direct, indirect, and shared cost dollars equals the total actual costs. All adjustments resulting from the periodic reconciliations shall be made to the appropriate CLINs and shall be reflected separately in costs reported and be identified on the invoices so that the adjustments are clearly shown.

B. In accordance with FAR 52.216-7 Allowable Cost and Payment (Dec 2002) (a) Invoicing, the Contractor shall submit separate invoices for NASA and the USAF on a monthly basis. NASA invoices shall be submitted in accordance with paragraph G.3, Submission of Vouchers for Payment. USAF invoices shall be submitted in accordance with G.18, DFARS 252.232-7003 Electronic Submission of Payment Requests.

C. In accordance with FAR 52.232-22, Limitation of Funds (Apr 1984) (b), notification that 80% of funded costs have been expended shall be reported at the CLIN (NASA/USAF) level.

(End of clause)

G.18 DFARS 252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS FOR USAF

Note: These billing instructions apply only to the USAF Sub-CLINs as identified in B.1, Supplies or Services.

A. *Definitions.* As used in this clause—

1. "Contract financing payment" and "invoice payment" have the meanings given in section 32.001 of the Federal Acquisition Regulation.

2. "Electronic form" means any automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, e-mail, and scanned documents are not acceptable electronic forms for submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using one of the electronic forms provided for in paragraph (b) of this clause.

3. "Payment request" means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.

B. The Contractor shall submit payment requests using Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA). Information regarding WAWF-RA is available on the Internet at https://wawf.eb.mil.

C. The Contractor may submit a payment request in non-electronic form only when:

1. DoD is unable to receive a payment request in electronic form; or

2. The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor. In such cases, the Contractor shall include a copy of the Contracting Officer's determination with each request for payment.

D. The Contractor shall submit any non-electronic payment requests using the method or methods specified in Section G of the contract.

E. In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.

(End of clause)

[END OF SECTION]

H.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
1852.208-81	OCT 2004	RESTRICTIONS ON PRINTING AND DUPLICATING
1852.223-70	APR 2002	SAFETY AND HEALTH
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.225-70	FEB 2000	EXPORT LICENSES -- Insert in Paragraph (b): Kennedy Space Center, FL
1852.228-72	SEP 1993	CROSS-WAIVER OF LIABILITY FOR SPACE SHUTTLE SERVICES
1852.228-76	DEC 1994	CROSS-WAIVER OF LIABILITY FOR SPACE STATION ACTIVITIES
1852.228-78	SEP 1993	CROSS-WAIVER OF LIABILITY FOR NASA EXPENDABLE LAUNCH VEHICLE (ELV) LAUNCHES
1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE II) (OCT 2000)
1852-246-70	MAR 1997	MISSION CRITICAL SPACE SYSTEM PERSONNEL RELIABILITY PROGRAM
1852.247-71	MAR 1989	PROTECTION OF THE FLORIDA MANATEE

(End of clause)

H.2 1852.209-71 Limitation of Future Contracting (DEC 1988)

(a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5--Organizational Conflicts of Interest.

(b) The nature of this conflict is where the contractor acts as a consultant to NASA in the determination of requirements, and in the preparation of a statement of work.

(c) The restrictions upon future contracting are as follows:

(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 that are to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described in that solicitation as a prime or first-tier subcontractor under an ensuing NASA contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). NASA shall not unilaterally require the Contractor to prepare such specifications or statements of work 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, and as long as these data remain proprietary or confidential, the Contractor shall protect these data from unauthorized use and disclosure and agrees not to use them to compete with those other companies.

(End of clause)

H.3 NFS 1852.235-71 KEY PERSONNEL AND FACILITIES (MAR 1989)

(a) The personnel and/or facilities specified in the contract Schedule are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities:

Name of Personnel:	Position:
TBP	TBP

(End of clause)

H.4 KSC 52.204-96 SECURITY CONTROLS FOR KSC AND CCAFS (NOV 2006)

A. Identification of Employees:

1. Badging

(a) Kennedy Space Center (KSC) badging is mandatory for all contractor personnel (e.g. administrative, technical, Architect and Engineering, supervisory, construction crafts, etc.) who require access into

KSC or Cape Canaveral Air Force Station (CCAFS). The contractor shall require each employee, and each subcontractor employee who require access to KSC or CCAFS to obtain identification badges, and special controlled area access badges, as necessary. Identification and badging of employees must be completed prior to issuance of a Notice to Proceed by the Contracting Officer, if applicable, or commencement of activities by unbadged employees.

(b) Prior to proceeding with performance, the contractor shall submit the following information to the Contracting Officer, who will certify it and pass the information on to the Badging Office:

i. Contract number and location of work site(s);

ii. Contract commencement and completion dates;

iii. Status as prime or subcontractor; and,

iv. Name of the contractor designated security/badging official. (Designated badging officials must receive a badging briefing, identifying badging requirements/restrictions, prior to being authorized as badging officials.)

(c) During performance of this contract, issued badges shall be worn by contractor employees and prominently displayed at all times while on KSC or CCAFS property, unless wearing the badge creates a safety hazard. Upon termination of an employee, or completion/termination of the contract, the contractor shall immediately deliver such employee's identification and access badge(s) to the Security Badging office, either at a Pass and Identification Station (PIDS) or in the Visitor Records Center, Room 1470, KSC Headquarters Building. NASA Identification badges remain the property of NASA and the Government reserves the right to invalidate/confiscate such badges at any time.

(d) To ensure timely and efficient issuance of identification and special access badges to contractor personnel, immediately after contract award but prior to notice to proceed or work on-site, the contractor shall designate in writing to the Contracting Officer a security/badging official for the contract/contractor. Concurrently, the designated security/badging official shall submit to the Contracting Officer a KSC Form 20-162 (Request for KSC Picture Badge) for each employee requiring access to KSC or CCAFS. This is the minimum paperwork required for each employee (and subcontractor employee) for issuance of identification badges only.

2. Homeland Security Presidential Directive (HSPD) 12, Federal Information Processing Standards (FIPS) Publication 201, and Office of Management and Budget (OMB) Guidance M-05-24 Compliance

(a) In compliance with Homeland Security Presidential Directive (HSPD) 12, Federal Information Processing Standards (FIPS) Publication 201, and Office of Management and Budget (OMB) Guidance M-05-24, all persons who will have access to Government controlled facilities or access to a Federal information system for a period of in excess of 180 days must have a favorably completed National Agency Check with Written Inquiries (NACI). To accomplish this, the forms listed below need to be submitted to the Personnel Security Support Office, Room 1210M, KSC Headquarters Building. FIPS Pub 201 requires identification verification be accomplished by the applicant

(person to be badged) providing two items of identification listed in Department of Homeland Security (DHS) Form I-9.

i. KSC Form 20 – 87, NASA PRP Investigation and Qualification Data Request;

ii. FD Form 258, Fingerprint Card,

iii. Standard Form 85, Questionnaire for Non-Sensitive Positions; and,

iv. Optional Form 306, Declaration for Federal Position Employment.

B. Badging Restrictions/Categories:

1. White Temporary Pass (WTP). Under current KSC security restrictions, an "Unescorted" White Temporary Pass (WTP) is required for unescorted entry through the KSC perimeter gates. (Permanent picture badges are no longer required.) The contractor's designated security/badging official is authorized to request issuance of WTPs (or consent to retain existing WTPs) for those individuals that he/she can "vouch" for, based upon verification of U.S. citizenship and demonstrated work history. The contractor security/badging official is responsible for ensuring the integrity of this system, will be held accountable for issuance of a WTP to any unauthorized individual, and is responsible for the behavior of anyone for whom s/he authorizes a badge.

2. Pink Temporary Pass (PTP). Any individual for whom the designated security/badging official cannot "vouch" in accordance with the above criteria will be issued a "To Be Escorted" Pink Temporary Pass (PTP). All persons with PTPs, including vendors, must be signed in at the perimeter gate and escorted to and from the job site. The escort must maintain visual contact with their escortee(s) at all times and shall escort them off KSC property at the conclusion of their on-site work.

3. Green Temporary Pass (GTP). Persons who are not a United States citizen or are an employee of a foreign Government, company, or other foreign entity must be so identified by being issued a green temporary pass. Each such employee must obtain individual prior approval for entry from the KSC International Visits Coordinator (IVC) in the NASA Protective Services Office (TA-G).

4. Access to Controlled Areas within KSC:

(a) Certain areas within KSC have been designated as Controlled Areas. These are normally surrounded by fencing and have an entrance gate monitored by a security officer or a monitoring device. Access into such areas is classified as either "escorted" or "unescorted" access. For unescorted access into these areas, for each employee, the contractor must submit to the Contracting Officer's Technical Representative (COTR), in addition to the NACI forms listed above in paragraph (a).2.i..a-d, a NASA Form 1730, Request for Unescorted Access/Personnel Reliability Program.

(b) The NASA Protective Services Office, or its designee, the Personnel Security Support Office (PSSO), will determine whether the person is eligible for unescorted access within 14 working days after the receipt of the properly completed forms and so inform the COTR. The COTR will notify the contractor of the NASA Protective Services Office's approval/disapproval. Access to controlled areas is granted when the requisite safety training has been successfully completed.

(c) All contractor employees utilized on the job site will not require unescorted access. However, it is the contractor's responsibility to designate and submit the required information on a sufficient number to provide escort service to those not cleared for unescorted access. The contractor escort will be required to meet the work crew at the security area gate at the beginning of the contractor's workday/shift and escort them as a group to the job site. The escort will keep the crews within site until they are escorted back to the area gate at the end of the workday. No authorized personnel will leave the immediate work area without an appropriately badged escort.

(d) The Government will provide, at no cost to the contractor, investigative services for a designated number of employees/workers escorts. If, through attrition or personnel turnover, the contractor requires additional employees to be investigated for unescorted access, the contract price shall be reduced by $100.00 per person in excess of the designated number. If, because of varying mobilization approaches, the contractor desires unescorted access for more than the stated quantity, the contractor may request additional clearances at a reduction in contract price of $100.00 per person.

(e) The prime contractor is responsible for providing escort services for any of his employees and/or any subcontractor employees who are not eligible for unescorted access. The Government will not provide escort service under this contract. The contractor shall be responsible for all delays and costs caused by its failure to provide for unescorted access. All requests for unescorted access by subcontractors will be submitted through the prime contractor to the COTR for processing by the NASA Protective Services Office, or its designee, the PSSO.

(f) One or more on-site training classes may be required for admittance to the work area and for inclusion on the Job Site Access List for Controlled-access Areas. The total training will not exceed four hours. Contractors may schedule any required training for their employees by contacting the COTR. The contractor shall maintain a record of employees receiving the training.

(g) Work under this contract may be performed in limited access areas. Investigations may be performed on the designated number of employees for whom interim unescorted access investigations will be performed at no cost to the contractor.

(End of clause)

H.5 KSC 52.242-90 CONTROLS APPLICABLE TO CONTRACTOR'S ACTIVITIES (APR 2007)

The publications below, and subsequent revisions thereof, are incorporated herein by reference. These publications prescribe regulatory and procedural criteria which are applicable to this contract. The contractor shall promptly take corrective action upon notice of noncompliance from the Contracting Officer or his/her authorized representative(s) with any provision of the publications listed below.

Definitions:

a) Kennedy Policy Directives (KNPDs)

b) NASA Headquarters Policy Directives (NPDs).

c) Kennedy NASA Procedural Requirements (KNPRs)

d) NASA Headquarters Procedural Requirements (NPRs).

e) Quality Assurance Guide (QA-UG)

f) Joint Documented Handbook (JHB)

QA-UG-0001	KSC Employee Safety & Health Pocket Guide (See Note 1)
JHB 2000	Consolidated Comprehensive Emergency Management Plan
KNPD 1440.1	KSC Records Management and Vital Records Programs
KNPD 1800.2	KSC Hazard Communication Program
KNPD 1810.1	KSC Occupational Medicine Program
KNPD 8500.1	KSC Environmental Management
KNPR 1610.1	KSC Security Procedural Requirements
KNPR 1820.3	KSC Hearing Loss Prevention Program
KNPR 1820.4	KSC Respiratory Protection Program
KNPR 1840.19	KSC Industrial Hygiene Program
KNPR 1860.1	KSC Ionizing Radiation Protection,
KNPR 1860.2	KSC Non-Ionizing Radiation Protection
KNPR 1870.1	KSC Sanitation Program
KNPR 4000.1	Supply and Equipment System Manual
KNPR 6000.1	Transportation Support System
KNPR 8500.1	KSC Environmental Requirements
KNPR 8715.3	KSC Safety Practices Procedural Requirements
KNPR 8830.1	Facilities and Real Property Procedural Requirements
KNPD 1860.1	KSC Radiation Protection Program
	In addition to compliance with KNPD 1860.1 and 45SWI40-201 (if applicable), the Contractor shall submit, for the Contracting Officer's approval within 30 days after contract award, the names and addresses of laboratories used to perform activities
45SWI40-201	45th Space Wing Instruction 40-201 Radiation Protection Program
KNPD 1600.3	Use of Alcoholic Beverages on Kennedy Space Center (KSC) Property

Note 1: The contractor shall immediately call for assistance with personnel injury or illness for any incident requiring emergency medical treatment for contractor or subcontractor personnel, or invitees on KSC, or if any person on the job site is rendered unconscious. The contractor shall require the victim to sign an appropriate "refusal of treatment" form, if medical evaluation or treatment is offered and refused.

Emergency Response onsite at KSC or CCAFS

911 from a landline phone service

321-867-7911 from a cell phone

(End of clause)

H.6 KSC 52.242-93 CONTRACTOR WORKFORCE REPORT – ONSITE CONTRACTORS AND SUBCONTRACTORS (OCT 2006)

The Contractor shall submit, on a quarterly basis, a manpower report delineating information about its workforce. The report shall include: the contract number, the contractor's total on-site workforce, total on-site union represented employees by bargaining unit; total on-site non-union represented employees, and total off-site workforce performing on the contract. The Contractor shall provide this information no later than 10 days after the close of each reporting period which end March 31st, June 30th, September 30th, and December 31st. The report shall be submitted to the Contracting Officer with copies to Workforce Planning and Analysis Office, (Code BA-D) and Industrial Labor Relations Office (Code OP).

(End of clause)

H.7 OCCUPATIONAL HEALTH SERVICES

The Contractor shall utilize medical treatment at the Occupational Health Facility for any injury that occurs at KSC or the CCAFS. The medical services set forth in KNPD 1810.1 entitled "KSC Occupational Medicine Program", will be provided to the contractor by the Government.

The Contractor shall utilize the medical services at the Occupational Health Facility for KSC job-required medical certification health examinations. Medical certifications will be provided in accordance with KBM-ST-2.1 A and B.

(End of clause)

H.8 EMERGENCY MEDICAL SERVICES

The Contractor shall utilize the KSC or CCAFS Emergency Medical Services system for any incident that occurs at KSC or CCAFS requiring emergency medical treatment.

(End of clause)

H.9 NASA'S TECHNOLOGY TRANSFER PROGRAM

In the event that the Contractor develops new technology or unique utilization of existing technology under this contract, the Contractor shall support, and participate in, NASA's Technology Transfer/Commercialization Program by assisting the transfer of technology developed under Government contract to the private sector.

A. The Contractor's participation may include a number of different activities including the following:

1. Dual use development of cutting edge technology having applications both within and outside the aerospace community.
2. Collaborative efforts with third parties for the purpose of transferring technology.
3. Government sponsored technology outreach efforts that further the transfer of technology.
4. Applications engineering work for the purpose of adapting the developed technology to a specific use.

B. The Contractor shall coordinate all projects and associated agreements with the COTR and the KSC Technology Transfer Office, and as directed in writing by the Contracting Officer. Agreements shall state funding requirements, project description, scope of project, reporting requirements, and responsible NASA and Contractor personnel. Ownership of rights to the technology developed under these collaborative and partnership activities shall be addressed in the individual agreements. Projects utilizing Government funds will be approved by the Contracting Officer.

C. Contractor commitment to technology transfer/commercialization can be demonstrated by the development of internal programs aimed at:

1. Educating and training the workforce in technology transfer activities.
2. Ensuring employees report new technology as required by NFS 1852.227-70, New Technology.
3. Assisting subcontractors with technology transfer activities.

(End of clause)

H.10 PROPERTY

A. Government-Furnished Property (GFP): Attachment J-6 and Attachment J-14 identify the GFP that will be furnished to the Contractor upon contract award. This GFP is provided to the Contractor "as-is/where-is" in accordance with FAR clauses 52.245-1 and 52.245-2. Attachment J-6 identifies the GFP that shall be replaced as Contractor Acquired Property (CAP). Attachment J-14 identifies the GFP that shall be replaced as Contractor Property (CP) and shall be capitalized in accordance with H.11 Capitalization of Contractor-Owned Equipment.

B. Material: Replacement of material items shall be charged directly to the contract as CAP, and will be expensed pursuant to the title provisions of FAR 52.245-1 and 52.245-2. The Contractor shall establish and maintain minimum order levels, identify long-lead items and have available minimum order quantities established by working with the appropriate NASA functional manager.

C. Vehicles: Attachment J-14 identifies GFP special use vehicles available "as-is" to the Contractor upon award. The Contractor shall operate and as necessary replace special use vehicles as CP, as directed by the Government, and capitalize them in accordance with H.11, Capitalization of Contractor-Owned Equipment. When the Contractor replaces GFP vehicles, the maintenance of the CP vehicles becomes the responsibility of the MESC Contractor.

D. Disposition: Per FAR 52.245-1 and 52.245-2, the Contractor shall submit inventory disposition schedules annually to the Contracting Officer for all property that has not been issued from stores within the preceding twelve-month period for disposition determination. The Contracting Officer may delegate this activity to the Government's Property Administrator. The purpose of this action is to ensure stores are kept to a minimum level and that just-in-time ordering is being utilized for most items. The exception will be long-lead and mission essential/critical items required to be on-hand.

E. Lease versus Buy: The Contractor shall document the lease versus buy business decision found at FAR 7.401 for all property of a capital nature and the documentation shall be filed in the Contractor's purchase file.

F. GFP Inventory: The Contractor shall maintain GFP inventory for both sensitive items and capital equipment over $5,000 (Reference NPR 4200.1F, NASA Equipment Management Procedural Requirements) using the NASA Equipment Management System (NEMS) database.

(End of clause)

H.11 CAPITALIZATION OF CONTRACTOR OWNED EQUIPMENT

A. Introduction. The Contractor shall purchase new capital equipment and replace existing Government Furnished Property of a capital nature listed in Attachment J-14, as Contractor Property for the purpose of performing the work described in the PWS. The capital equipment shall be capitalized and depreciated in accordance with Generally Accepted Accounting Principles (GAAP) and Financial Accounting Standards Board (FASB) practices and procedures. A listing of all capital equipment purchased, it's original purchase cost, depreciation method, useful life, current Net Book Value, and end of contract Net Book Value shall be reported in DRD 1.3.3-001, Report, Replacement of Government Furnished Property.

B. Contractor Records. The contractor shall maintain complete records of capital equipment that is subject to this clause, including date of purchase, estimated service life, purchase price, depreciation base, method and schedule, and amount of depreciation recorded to date. Records related to Contractor capitalized property shall be made available to the Contracting Officer within 5 work days of the request.

C. Right to Purchase. If upon expiration or termination of this contract the Government does not thereafter contract with the contractor for the performance of the same, or substantially the same services contemplated by this contract, the contractor shall, upon request by the successor contractor(s), transfer title to any prime contractor dedicated equipment identified in the records referenced above, to the successor contractor(s) at net book value, subject to reasonable terms and conditions regarding payment and other matters to be agreed upon by the contractor and successor contractors.

(End of clause)

H.12 AUTHORIZED CHANGES

Only the NASA/KSC Contracting Officer is authorized to modify the contract and perform all actions consistent with FAR 1.602. Performance of the work under this contract is subject to the written technical direction of the Contracting Officer's Technical Representative (COTR) in accordance with NFS 1852.242-70. The USAF Contracting Officer may only issue or modify Funding Orders in accordance with G.14, Funding for USAF Requirements.

(End of clause)

H.13 PROTECTION AND SAFEGUARDING OF INFORMATION AND DATA OF THIRD PARTIES

(a) Except as specifically authorized by this contract, or as otherwise approved in writing by the Contracting Officer, 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) 1 and, when so identified by the Contracting Officer 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 the 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 Contracting Officer; and

(3) Return or dispose of such data as directed by the Contracting Officer 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 requirement(s) of the clause herein entitled FAR 52.227-14, "Rights in Data—General."

(End of clause)

H.14 ADMINISTRATIVE ASSET TRANSITION

The contractor agrees that the technical instruments and associated services provided under this contract are essential to the Government and shall be continued without interruption. The transition of these assets from the incumbent to a successor Contractor (or the Government in the event of no successor), shall be accomplished in accordance with the following:

Transition of Assets: All existing assets shall remain installed and usable by the Government through the transition of assets or their replacement by the successor contractor. The assets will be provided on an "as is/where is" basis. In the event that the successor contractor chooses not to use the existing assets, it will coordinate removing those assets with the predecessor contractor who has responsibility to dispose of those assets. The contractor shall ensure that all purchase and leasing arrangements, both for hardware and software,

includes provisions to transfer to a successor in interest.

Continuity of Services: All assets and services shall transition with no degradation to service. The contractor is obligated to transfer these assets to a successor in interest if the successor elects to acquire them at the Asset Transition Charge, described below. The contractor shall not remove, reassign, or otherwise dispose of these assets once a successor in interest indicates the desire to accept transfer of the assets.

Asset Transition Value Methodology: Upon notification by the Government, at least 120 days before the end of the MESC contract, a Transition Value of the contractors' assets on the date of transition will be calculated and provided to the Government. The Transition Value shall be the net book value of the assets at the time of transition. Any costs to move the assets from their current locations or to modify their current configuration shall not be included. All applicable remaining warranties shall be provided to the successor in interest. The Asset Transition Value shall not include any Government-furnished or institutionally provided property or equipment.

(End of clause)

H.15 DATA RIGHTS NOTICE

A. Any proposal submitted during the course of contract performance must expressly identify any computer software or technical data that is to be provided with less than unlimited rights. The Contractor shall notify the Contracting Officer in writing prior to incorporating any item, component, subcomponent, process, or software, wherein the related technical data or computer software qualifies as limited rights data or restricted computer software in accordance with Alternate II and III of Federal Acquisition Regulations (FAR) 52.227-14 and NASA FAR Supplement (NFS) 1852.227-86. This notification does not apply to commercial off-the-shelf (shrink-wrapped) computer software, and corresponding documentation, that has a standard commercial license unless the software is to be incorporated as a subcomponent in a developmental effort.

B. Technical data and computer software delivered shall not be marked with restrictive legends unless the Contracting Officer has given prior written consent.

C. All license agreements shall be compliant with Federal laws, regulations and the terms and conditions of this contract and shall be transferable to the Government upon completion of the contract without any additional cost to the Government. One copy of the final negotiated license agreement shall be forwarded to the Contracting Officer within thirty (30) calendar days of agreement to ensure compliance.

(End of clause)

H.16 LIMITED RIGHTS DATA NOTICE

A. Notwithstanding any other terms and conditions of this contract, the Government shall have the right to disclose technical data marked as limited rights data outside the Government, without obtaining permission from the Contractor, under the following circumstances:

1. Use (except for manufacture) by support service contractors.
2. Evaluation by non-Governmental evaluators.

3. Use (except for manufacture) by other contractors participating in the Government's program of which the specific contract is a part, for information and use in connection with the work performed under each contract.
4. Emergency repair or overhaul work.
5. Release to a foreign Government, or instrumentality thereof, as the interests of the United States Government may require, for information or evaluation, or emergency repair or overhaul by such Government.

B. Prior to disclosure, except in emergency circumstances as identified in Paragraphs 4 and 5 above, the Government shall require the recipient to sign an agreement, provided by and acceptable to the Contractor, to protect the data from unauthorized use and disclosure. The Contractor shall provide a copy of the acceptable nondisclosure agreement to the Contracting Officer no later than thirty (30) calendar days after contract award.

(End of clause)

H.17 INFORMATION INCIDENTAL TO CONTRACT ADMINISTRATION

A. With the exception of financial information, the Government shall have unlimited rights to use and distribute to third parties any administrative or management information developed by the Contractor or a Subcontractor at any tier in whole or in part or the performance of the contract or first produced in the performance of the contract, whether or not said information is specified as a contract deliverable, if created in whole or in part at Governmental expense. The Contracting Officer may, at any time during the contract performance or within a period of three (3) years after acceptance of all items to be delivered under this contract, order any administrative or management information developed by the Contractor or a subcontractor at any tier in whole or in part for the performance of the contract or first produced in the performance of the contract.

B. The Contracting Officer may release the Contractor from the requirements of this clause for specifically identified information at any time during the three (3) year period set forth in Paragraph (a) of this clause.

(End of clause)

H.18 CONTRACTOR ON-SITE REPRESENTATIVE

The contractor shall appoint a representative at the work site with full authority to receive and execute, on behalf of the contractor, such contract modifications, notices, policy directives, etc., as may be issued pursuant to the terms of this contract.

(End of clause)

H.19 WORK FOR OTHERS

A. Background and Purpose

1. The Contractor is authorized to undertake Work for Others related to medical and environmental services on John F. Kennedy Space Center (KSC) that would utilize the unique capabilities within the MESC. These unique capabilities include the Government furnished facilities for which the Contractor has operational responsibility and/or the expertise of Contractor personnel resident at KSC. The primary purpose of this authority is to provide both commercial and University access to the unique capabilities at KSC and foster the growth of them. The primary purpose of this authority is to provide commercial entities, NASA contractors, academic institutions, and outside agencies access to the MESC for support not funded under the scope of the MESC.

2. Work for Others is defined as work performed for and paid by Other(s) via a separate agreement between the MESC Contractor and the other(s). Others include NASA, federal and state agencies, academic, and commercial entities.

3. Other pertinent definitions:

   a. Government Property: Facilities and material owned by the Government.

   b. Government Facilities: For purposes of this provision, facilities include real property (land, ground improvements, buildings and other structures), plant equipment (personal property of a capital nature, such as, machine tools, equipment and test equipment, furniture, vehicles, and accessory and auxiliary items for use in manufacturing or performing services, or for any administrative or general plant purpose), special tooling and special test equipment. Facilities do not include materials.

   c. Government Material: Property that may be incorporated into or attached to an end item or consumed or expended during manufacture, testing or providing services.

B. Agreements and Approvals

1. The Contractor shall obtain approval of the Contracting Officer for Work for Others before committing to perform the work. The Contractor shall informally collaborate with the Government to identify and discuss potential Work for Others as far in advance of seeking final approval as is practical. The Contractor shall obtain final approval for each instance of Work for Others by submitting a written request to the Contracting Officer including a draft agreement between the MESC Contractor and the Other(s) which, at a minimum, shall contain the following information, terms, and conditions:

   a. Name and address of the customer.

   b. Description of the work to be performed and any benefits to the Government.

   c. Identification of the MESC personnel, KSC facilities and Government personnel (including the estimated number of hours and estimated cost of support needed) required for accomplishing the work.

   d. Schedule for accomplishment of the work and impact, if any, on other ongoing activities.

e. Estimated amount that will be reimbursed to the Government as a result of the proposed work for Others.

f. Terms and conditions containing the following clauses of this contract: Section H, paragraph H.19 "Work for Others," subparagraphs (D) Priority of Use, (E) Liability and Risk of Loss, (F) Intellectual Property, Patent & Invention Rights, (G) News Releases & Publications, (H) Security & Export Control, (I) Safety & Health, (J) Independence of Contracts; and other clauses as may be required by the Contracting Officer.

2. Additionally, the draft agreement shall be accompanied by a cover letter containing an explanation of the unique nature of the Government-owned facilities and equipment and/or MESC/Government expertise (or combinations thereof) that is not available from commercial sources and justify acceptance of the work.

C. Financial Obligations

1. General

a. The Contractor shall provide consideration to NASA KSC in connection with Government-provided property and services utilized for Work for Others under the authority of this provision. Pursuant to the direction of the Contracting Officer, consideration may be in the form of cash payment from the Contractor to NASA KSC or a credit to the Government under the MESC contract.

b. The contractor shall establish unique Cost Charge Numbers, or other means, to ensure that the costs of goods and services provided under Work for Others will not be charged to MESC.

c. The specific cost components, amounts and fees to be reimbursed or credited to NASA KSC, and the points of contact and authority will be established annually in a written procedure. It is anticipated that a separate procedure will be established for each facility. Generally, reimbursable and creditable costs will include, but may not be limited to the following categories:

- Rent or other appropriate consideration for use of Government property in accordance with FAR 45 .403 and FAR 45.404(c);

- Actual cost of Government personnel directly supporting a project (including payroll additives, fringe benefits and G&A);

- Actual cost of Government-provided material, utilities, support services and appropriate overheads.

2. Reimbursement of Government Direct Labor Support

a. For those projects where Government personnel will provide direct labor support, the Contractor will be required to forward advance payments to NASA based upon the estimated number of hours of direct Government support needed. Payment shall be made to NASA KSC prior to the initiation of each project utilizing Government personnel.

b. Payment shall be made in the form of a check payable to "NASA Kennedy Space Center" and sent to:

National Aeronautics and Space Administration
John F. Kennedy Space Center
"Collections Agent"
Mail Code: GG-5-C
Kennedy Space Center, FL 32899

c. NASA KSC's activities under or pursuant to this provision are subject to the availability of appropriated funds, and no provision herein shall be interpreted to require obligations or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341.

d. NASA KSC will send a final billing to the Contractor for the services rendered by Government personnel as soon as possible after the completion of each project. Any overpayment to NASA following completion of a project will be promptly reimbursed to the Contractor.

D. Priority of Use

1. It will be the Contractor's overall responsibility to schedule and manage use of assigned Government-furnished facilities to accommodate contract work and Work for Others in a manner to assure the timely, within cost, delivery of quality products and services for all. Since Work for Others projects are subject to Government approval and each request for approval will address scheduling issues, scheduling and priority of use conflicts should be rare. However, in the event circumstances should arise in which the Government requires use of facilities and/or personnel scheduled for use on Work for Others, the Contracting Officer will direct that the Government work shall take precedence and the Contractor shall immediately proceed with the Government work.

2. NASA will make every reasonable effort to ensure that ongoing and planned Work for Others is not impacted and the exercise of the authority herein stated to require displacement of Work for Others in order to accomplish Government work will be exercised only to the extent necessary to protect the interests of the Government. Such direction will be given only after the Center Director makes a determination that a federal emergency or an event of significant public interest requires the exercise of Government priority.

E. Liability and Risk of Loss

1. General

a. The Contractor and Other(s) waive and agree not to make any claims against the U.S. Government or U.S. Government Contractors or subcontractors, for damage arising from or related to activities under this provision, whether such damage is caused by negligence or otherwise, except in the case of willful misconduct.

b. In addition, the Contractor and Other(s) agree to indemnify and hold the U.S. Government or its Contractors or subcontractors harmless from any claim, judgment, or cost arising from the injury to or death of any person, or for damage to or loss of any property, including U.S. Government

property, as a result of activities under this provision, whether such damage is caused by negligence or otherwise, except in the case of willful misconduct.

c. In the event that Other(s) will need to directly participate in Work for Others activities at KSC, the Other(s) will be required to have the same insurance coverage as the MESC contractor under contract clause I.I(B), "Minimum Insurance Coverage" (NFS 1852.228-75), unless Other(s) is statutorily authorized to self-insure. Additionally, in those circumstances where the Work for Others activities will involve hazardous operations that place government facilities at risk, the Contracting Officer may require that the Other(s) provide property damage insurance, or an agreement on an alternative method of protection, as required in Section I, Contract Clauses.

2. Insurance for Damage to NASA Property

a. For purposes of this article, the following definitions shall be applicable:
(1) "Liability" shall include payments made pursuant to United States' treaty, any judgment by a court of competent jurisdiction, administrative and litigation costs, and settlement payments.

(2) "Damage" shall mean bodily injury to, or other impairment of health of, or death of any person; damage to, loss of, or loss of use of any property; soil, sediment, surface water, ground water, or other environmental contamination or damage; Loss of revenue or profits; other direct damages; or any indirect, or consequential damage arising there from.

b. Damage to Government Property:

(1) Where required by NASA, within a reasonable time before Other(s) begin to have access to or use of U.S. Government property or services, Other(s) shall obtain or arrange to obtain, at no cost to NASA, insurance to cover the cost of replacing, repairing, or the fair market value of, as reasonably determined by the U.S. Government, any U.S. Government property (real or personal), which property is damaged as a result of any performance of this agreement, including performance by the U.S. Government or the U.S. Government's contractors or subcontractors. Upon obtaining the insurance required under this paragraph, or upon obtaining any modification or amendment thereof, Other(s) shall personally deliver, or send by registered or certified mail, postage prepaid, two copies of such insurance policy, or such modification or amendment, to NASA at the following address, referencing the MESC, or at such address as NASA may, from time to time, designate in writing:

National Aeronautics and Space Administration
Office of the Chief Counsel
Mail Code CC
Kennedy Space Center, FL 32899

(2) The insurance required under this subparagraph shall provide coverage in an amount acceptable to NASA. All terms and conditions in the policy shall be acceptable to NASA, and shall require 30 days notice to NASA of any cancellation or change affecting coverage. The policy shall name the United States as an insured and shall cover all risks of loss except that it may exclude damage caused by the U.S. Government's willful misconduct. The insurance policy

shall provide that the insurer waives its right as a subrogee against U.S. Government contractors, subcontractors, or related entities for damage.

(3) In the event Other(s) is unable to obtain insurance coverage required by subparagraph b(1) above, the parties agree to consider, subject to review, approval and agreement by NASA, alternative methods of protecting U.S. Government property (e.g., by an agreement to indemnify the U.S. Government for such damages).

(4) An insurance policy whose terms and conditions are reviewed and approved by NASA, or an agreement on an alternative method of protection, is a condition precedent to Other(s)' access to or use of U.S. Government property or U.S. Government services under this agreement.

F. Intellectual Property, Patent, and Invention Rights

The following intellectual property provisions apply to the activities of Government personnel directly supporting the Contractor's Work for Others pursuant to this provision.

1. General:
Data exchanged between NASA, the Contractor and/or other party(s) in support of Work for Others will be exchanged without restriction as to its disclosure, use or duplication except as otherwise marked or as otherwise provided in this provision. No preexisting proprietary data will be provided by NASA under this agreement unless specifically authorized, in writing, by the owner of the proprietary data.

2. Data First Produced by NASA:
As to data first produced by NASA in carrying out NASA's responsibilities in support of Work for Others and which data would embody trade secrets or would comprise commercial or financial information that is privileged or confidential if it had been obtained from the Contractor or other party(s), such data will, to the extent permitted by law, be appropriately marked with a notice or legend and maintained in confidence for a period of time to be agreed upon after development of the information, with the express understanding that, during the aforesaid period, such data may be disclosed and used by NASA under suitable protective conditions, for the express purpose of carrying out NASA's responsibilities in support of Work for Others. Upon completion of these activities, such data will be disposed of as requested by the Contractor and/or other party(s).

3. Data First Produced by Contractor and/or other party(s):
In the event it is necessary for the Contractor and/or the other party(s) to furnish NASA with data that either existed prior to, was produced outside of, or is first produced by the Contractor and/or other party(s) in carrying out the Contractor's and/or other party(s) responsibilities in support of Work for Others, and such data embody trade secrets or comprise commercial or financial information that is privileged or confidential and such data is so identified with a suitable notice or legend, the data will be maintained in confidence and disclosed and used by NASA and its Contractors, under suitable protective conditions, only for the purpose of carrying out NASA's responsibilities in support of Work for Others. Upon completion of these activities, such data will be disposed of as requested by the owner of the data.

4. Data Disclosing an Invention:
In the event data exchanged between NASA and the Contractor and/or other party(s) discloses an invention for which patent protection is considered and the furnishing party specifically so identifies

such data, the receiving party agrees to withhold such data from public disclosure for a reasonable time (presumed to be 1 year unless otherwise mutually agreed to) in order for patent protection to be obtained.

5. Copyright:
In the event data is exchanged with a notice indicating that the data is protected under copyright, such data will be presumed to be published and the following paid-up license shall apply:

   a. If it is indicated on the data that the data existed prior to, or was produced outside of this provision, the receiving party and others acting on its behalf, may reproduce, distribute, and prepare derivative works for the purpose of carrying out the receiving party's responsibilities under this provision.

   b. If the furnished data does not contain the indication of (1) above, it will be assumed that the data was first produced in support of Work for Others, and the receiving party and others acting on its behalf, may reproduce, distribute, and prepare derivative works for any of its own purposes whatsoever.

6. Disclaimer of Liability:
Notwithstanding the above, NASA shall not be restricted in, nor incur any liability for, the disclosure and use of Data not identified with a suitable notice or legend as set forth in paragraph 3 above. Information contained in any data for which disclosure and use is restricted under paragraphs 2 and 3 above, if such information is or becomes generally known without breach of the above, is known to or is generated by NASA independently of carrying out NASA's responsibilities in support of Work for Others, is rightfully received from a third party without restriction, or is included in data which the Contractor and/or other party(s) has, or is required to furnish to the U.S. Government without restriction on disclosure and use.

7. Data Subject to Export Control:
Technical data, whether or not specifically identified or marked, that is subject to the export control laws and regulations of the United States and that is provided to the Contractor and/or other party(s) in support of Work for Others will be treated as such, and will not be further provided to any foreign persons without proper U.S. Government authorization, where required.

8. NASA Inventions:
NASA will use reasonable efforts to report inventions made by NASA employees as a consequence of the performance of specified NASA activities in support of Work for Others. Upon request, NASA will use reasonable efforts to grant the Contractor and/or other party(s), in accordance with the requirements of 37 CFR §404 an exclusive, irrevocable, royalty-free license, except for the repayment of U.S. Government prosecution costs, on terms to be subsequently negotiated to any NASA invention that may be in support of Work for Others and on which NASA decides to file a patent application. This license will be subject to the rights reserved in paragraph 10, below.

9. Joint Inventions with Contractor and/or other party(s):
NASA and the Contractor and/or other party(s) agree to use reasonable efforts to identify and report to each other any inventions made jointly between NASA employees and employees of the Contractor and/or other party(s). Upon request, NASA will agree to refrain from exercising its undivided interest in a manner inconsistent with the Contractor and/or other party(s) commercial interests and to cooperate

with the Contractor and/or other party(s) in obtaining patent protection on the Contractor and/or other party(s) undivided interest, subject to the applicable rights reserved in paragraph 10, below.

10. Rights to be Reserved in the Contractor and/or Other Party(s) License:
Any license granted to the Contractor and/or other party(s) pursuant to paragraphs 9 or 10 above will be subject to the reservation of the following rights:
As to inventions made solely by, or jointly between NASA and the Contractor and/or other party(s), the irrevocable, royalty-free right of NASA to practice or have practiced the invention by or on behalf of NASA for research, experimental or demonstration purposes.

11. Protection of Reported Inventions:
When inventions are reported and disclosed between the parties in accordance with the provisions of this clause, the receiving party agrees to withhold such reports or disclosures from public access for a reasonable time, presumed to be one year unless otherwise mutually agreed, in order to facilitate the allocation and establishment of the invention and patent rights under these provisions.

12. Patent Filing Responsibilities and Costs:
The invention and patent rights set forth herein shall apply to any patent applications filed and patents obtained in any country, and each party is responsible for its own costs of preparing, prosecuting, issuing, and maintaining patents covering sole inventions in any country; except NASA and the Contractor and/or other party(s) may, upon the reporting of any invention (sole or joint) or in any license option granted, mutually agree otherwise for any country as to patent application preparation, filing and prosecution responsibilities and costs, and maintenance responsibilities and costs.

G. News Releases and Publications
The parties (NASA, the MESC Contractor, & Others) agree to coordinate in advance any news releases and/or widely distributed publications that result from activities performed pursuant to this provision. This coordination shall entail notifying the respective points of contact of the proposed news release or publication in sufficient time to allow the other party an opportunity to review and comment as deemed appropriate. None of the parties shall issue a news release or publication prior to the consent of the respective parties' points of contact.

H. Security and Export Control
Access to and use of NASA KSC facilities by Other(s) will be subject to instructions and procedures as described in KNPR 1610.1, "KSC Security Procedural Requirements" , and NASA Policy Directive NPD 1371.5 "Coordination and Authorization of Access by Foreign Nationals and Foreign Representatives to NASA", which is applicable to NASA Headquarters and NASA Centers (including Component Facilities). In conducting Work for Others at Kennedy Space Center, the MESC Contractor and Other(s) shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799. In the absence of available license exemptions/exceptions, the Contractor and/or Other(s) shall be responsible for obtaining the appropriate licenses or approvals, if required, for the export of hardware, technical data, and software, or for the provision of technical assistance. Additionally, should the Contractor and/or Other(s) employ foreign nationals to participate in Work for Other(s) activities at Kennedy Space Center, the Contractor/Other(s) shall be responsible for obtaining export licenses, if

required, before utilizing such foreign nationals in such activities, including instances where the foreign nationals will have access to export controlled technical data or software at Kennedy Space Center facilities.

I. Safety and Health

All agreements entered into by the MESC Contractor with Other(s) shall incorporate the MESC Contractor's approved Safety and Health Plan, which Plan shall be binding upon the Other(s) during the conduct of their activities at the Kennedy Space Center.

J. Independence of Contracts

The parties concur that this contract and the authorities and conditions of this provision are independent of any contract between the Contractor and other parties for the conduct of "Work for Others." By authorizing the Contractor to perform Work for Others, NASA makes no assurances to the Contractor or others as to performance of the objects tested in NASA facilities or other test objects, and relieves the Contractor of none of its obligations under any other contract, grant, or other agreement. This provision does not constitute NASA's endorsement of any test results, resulting designs, hardware, or other matters.

(End of clause)

H.20 ASSOCIATE CONTRACTOR AGREEMENT (ACA)

A. The success of KSC is dependent on the efforts of multiple contractors. The MESC Contractor is a key participant. The other contracts of the key participating "associate" contractors are:

Information Management and Communication Support (IMCS) contract	Contract Number TBD – not yet awarded
Grounds Contract	Contract Number TBD – not yet awarded
Mail Services Contract	Contract Number TBD – not yet awarded
Custodial Contract	Contract Number TBD – not yet awarded
Kennedy Institutional Support Services (KISS) Contract	Contract Number TBD – not yet awarded
Institutional Support Contract (ISC)	Contract Number TBD – not yet awarded
NASA Protective Services Contract (NPSC)	Contract Number TBD – not yet awarded
Check-out and Payload Processing Services (CAPPS) contract	NAS10-02007
Space Program Operations Contract (SPOC)	NNJ06VA01C
University-Affiliated Spaceport Technology Development Contract (USTDC)	NAS10-03006
Expandable Launch Vehicle Integrated Services (ELVIS)	NAS10-02026
Life Science Support Contract (LSSC)	NAS10-02001

Under the aforementioned contracts, the contractors will provide the necessary technical and operational processes and services required to support KSC.

B. In order to achieve the efficient and effective mission support required of KSC, the Contractor shall establish ACAs for coordination and exchange of information with associate contractor or their successors, during the MESC contract period of performance. The information to be exchanged shall be that required by the associate contractors in the execution of their respective contract requirements. The Contractor shall pursue and foster cooperative efforts and goodwill in a manner that will benefit KSC with increased safety, efficiency, and productivity.

C. Given the unique role of this contract for supporting all other entities at KSC, the Contractor shall engage in cooperative relationships that facilitate effective management of overall Center operations. This joint cooperation will be evaluated as part of the contract award-fee process, as defined in the identified in Section J, Attachment J-10, Award Fee Evaluation Plan of this contract. Successful performance of the Contractor will be determined by the Government's assessment of the overall and combined performance of the requirements of the associate contractors.

D. The Contractor shall negotiate formal guidelines with the associate contractors to address coordination, cooperation, and communication. The Contractor shall establish the means for the exchange of such data and communications as needed in order to keep other project elements fully informed, and minimize Government involvement.

(End of clause)

H.21 ASBESTOS-CONTAINING BUILDING MATERIALS

A. Asbestos-Containing Building Materials (ACBM) are known to be present in facilities assigned under the scope of this contract. The Government will provide information regarding the location and quantity of known ACBM in NASA-KSC facilities to the facility tenant organizations through the Environmental Health office.

B. Special requirements, coordination, and precautions will apply to any work taking place under contracts that involves disturbance of ACBM. Contractors whose contracts require work involving ACBM are required to provide a written program for such work as part of its health and safety plan which is consistent with the requirements of 29 CFR §1926.1101. The contractor shall coordinate any such work involving ACBM with Environmental Health, Fire Services, and any other resident government or contractor organization whose employees may have access to the work location.

(End of clause)

H.22 REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFEROR

The completed provision FAR 52.204-8, Annual Representations and Certifications, including any amended representation(s) made at paragraph (b) of the provision; and other representations, certifications and other

statements contained in Section K completed and submitted as part of the offer dated TBD are hereby incorporated by reference in this resulting contract.

(End of clause)

H.23 MOTOR VEHICLE MANAGEMENT

A. The contractor shall acquire and manage motor vehicles necessary to support the performance of the contract. Such needed vehicles are to be acquired and managed in the manner most efficient and economic to the Government. Vehicles may be obtained from the GSA Interagency Motor Pool, commercial sources, or other sources.

B. Costs related to motor vehicles shall be borne by the contractor.

C. Two copies of the monthly billings, both GSA and commercial, for motor vehicle services shall be forwarded to the Contracting Officer, mail code OP-OS, each month with a copy to the KSC Transportation Office, mail code TA-E.

D. The contractor shall assure that all vehicle operators are appropriately licensed in the state. The contractor will furnish GSA a copy of their third party automobile insurance policy if acquiring GSA motor vehicles.

E. Contractor shall comply with Executive Order 13149 Greening the Government through Federal Fleet and Transportation Efficiency, and meet goals to provide reduced emissions (green) vehicles. Kennedy Space Center currently has Ethanol 85 (E85), Compressed Natural Gas (CNG), and biodiesel fuel filling stations for Contractor use to acquire reduced emission fuels.

(End of clause)

H.24 CONFINED SPACE WORK REQUIREMENTS

A. Special requirements, coordination, and precautions will apply to any contract work taking place in confined spaces. Each contractor contracted to perform work in confined spaces is required to provide a written program for such work as part of its health and safety plan which is consistent with the requirements of 29 CFR §1910.146. For work in telecommunications manholes, provisions of 29 CFR §1910.268(o) are also applicable. The contractor shall coordinate any such work in confined spaces with Environmental Health, Fire Services, and any other resident government or contractor organization whose employees may have access to the work location. The provision of Environmental Health services by the government does not prohibit the contractor from providing their own atmospheric testing. Government provided services include environmental health monitoring and consultation support for testing of atmospheres in confined spaces as well as fire rescue and emergency medical services.

B. Entry into and work in confined spaces shall be in accordance with the requirements of KNPR 1820.4, KSC Respiratory Protection Program, KNPR 1840.19, Industrial Hygiene Programs, and all other applicable clauses of this contract.

C. Confined spaces, which contain water, shall be pumped out by the contractor prior to scheduling a confined space entry check. Wastewater shall be managed in accordance with KNPR 8500.1, KSC Environmental Requirements.

(End of clause)

H.25 HAZARD COMMUNICATION

A. In order to comply with Federal, OSHA, and State Regulations, the Contractor shall participate in the KSC Chemical Hazard Communication Program as implemented by KNPD 1800.2, Chemical Hazard Communication.

B. The Contractor shall coordinate submission of hazardous material safety data, to the NASA/KSC Materials Safety Data Sheet (MSDS) Archive, with the MSDS Program Administrator.

(End of clause)

H.26 MANAGEMENT OF NASA-OWNED/CONTRACTOR –HELD RECORDS

A. NASA-owned/Contractor held records shall be maintained by the contractor in accordance with the instructions set forth in the latest editions of NPD 1440.6F, NASA Records Management; NPR 1441.1D, NASA Records Retention Schedules; and KNPD 1440.1, KSC Records Management and Vital Records Programs. The contractor shall obtain prior approval from the contracting officer to destroy or remove records subject to this clause. The contracting officer will provide direction to the contractor on when and what records to move or destroy.

B. NASA-owned/Contractor held records shall consist of documentation of contractor activities and functions necessary for the performance of this contract. These activities include the following: documentation of those day-to-day operating procedures that are essential to carrying out the PWS; organizational structure, policies, decisions, operation and activities necessary to perform or continue the work under this contract. Records that do not fall under the purview of this clause are those contractor records that relate exclusively to the contractor's internal business and that are of a general nature not specifically related to the performance of work under this contract, general policies and procedures. The contractor shall seek the contracting officer's determination as to which records are subject to this clause.

C. The contractor shall ensure that NASA-owned/Contractor held records are segregated from company-owned records and from non-record materials. This clause operates independently from and is not intended to affect, or be affected by, the provisions contained in FAR 4.7, Contractor Records Retention, and the clauses referenced therein.

D. After obtaining direction and approval from the contracting officer, the contractor shall coordinate with the KSC Records Manager on matters requiring advice, such as marking and segregating such records, or technical assistance in all areas of management pertaining such records.

(End of clause)

H.27 COMPUTING SERVICES

The contractor shall obtain computing services identified below, using the following procedures and contracts:

(a) Outsourcing Desktop Initiative for NASA (ODIN) contract and successors

(1) Desktops, workstations, laptops, office automation software, printers, peripherals, PDAs, BlackBerrys®, cell phones, pagers, and associated services (e.g., user accounts, e-mail, and directory services) needed to support contractor personnel will be Government-furnished through the Outsourcing Desktop Initiative for NASA (ODIN) contract and its successor in accordance with G.6.

(2) For any IT resources identified under paragraph (a)(1) above that the contractor desires to purchase outside of ODIN, the contractor shall submit a request for waiver through the Contracting Officer's Technical Representative to the KSC Chief Information Officer (CIO) for approval, in accordance with the established *KSC Mission Focus Review (MFR) Requirement for Using ODIN for IT Purchases* process.

(b) Solutions for Enterprise-wide Procurement (SEWP) contracts and successors

(1) For items authorized to be purchased outside of ODIN, the contractor has the authority to purchase hardware and software under NASA's Solutions for Enterprise-Wide Procurement (SEWP) contracts. The SEWP catalog can be accessed on the World Wide Web at http://www.sewp.nasa.gov

(2) The contractor shall purchase any additional required Maximo® licenses, modules, and/or maintenance agreements via SEWP and shall be titled to the Government.

(c) All restricted commercial computer software procured by the contractor pursuant to this clause shall be delivered to the Government with restricted rights as provided under FAR 52.227-19(c)(2).

(End of clause)

H.28 GOVERNMENT'S RIGHTS TO INFORMATION INCIDENTAL TO CONTRACT ADMINISTRATION

A. With the exception of financial information, the Government will have unlimited rights to use and distribute to third parties any administrative or management information developed by the contractor or a subcontractor at any tier in whole or in part for the performance of the contract or first produced in the performance of the contract, whether or not said information is specified as a contract deliverable, if created in whole or in part at Governmental expense. The Contracting Officer may, at any time during the contract performance or within a period of three (3) years after contract completion, require the delivery of any administrative or management information developed by the contractor or a subcontractor at any tier in whole or in part for the performance of the contract or first produced in the performance of the contract.

B. The Contracting Officer may release the contractor from the requirements of this clause for specifically identified information at any time during the three (3) year period set forth in Paragraph (a) of this clause.

(End of clause)

H.29 OFF-SITE TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES

A. The MESC Contractor must have prior written concurrence of the Contracting Officer before making a change of hazardous waste transporters and off-site TSD facilities. Copies of the permits and EPA ID numbers for any proposed transporters or TSD facilities must be provided to the Contracting Officer for evaluation.

B. The MESC Contractor shall ensure that off-site TSD facilities are audited not less than annually for regulatory and permit compliance. The audit shall be performed by an independent third-party and shall be contracted separately from the off-site hazardous waste disposal services. Copies of the audit report shall be provided to the Contracting Officer and Contracting Officer's Technical Representative (COTR) within 30 days. The Government reserves the right to inspect all on-site and off-site TSD facilities.

C. The MESC Contractor shall provide for alternative treatment or disposal facilities to cover unanticipated events which could preclude treatment or disposal, such as, the proposed facility refusing to accept the waste, going out of business, or otherwise becoming incapable or unsuitable to handle the wastes properly.

(End of clause)

H.30 EQUAL EMPLOYMENT OPPORTUNITY REPORTING

The contractor shall provide a copy of their annual Standard Form 100 (EEO-1) report filing to the Contracting Officer within seven days of submission to the Office of Federal Contract Compliance Programs.

(End of clause)

H.31 ORGANIZATIONAL CONFLICTS OF INTEREST MITIGATION PLAN

During the Phase-in period and not later than 30 days prior to the contract effective date (October 1, 2008) the successful offeror shall submit for NASA approval a comprehensive Organizational Conflicts of Interest Mitigation Plan. This comprehensive plan shall incorporate any previous studies performed, shall thoroughly analyze all organizational conflicts of interest that might arise because the Contractor has access to other companies' sensitive information, and shall establish specific methods to control, mitigate, or eliminate all problems identified. The Contracting Officer, with advice from Center Legal Counsel, shall review the plan for completeness and identify to the Contractor substantive weaknesses and omissions for necessary correction. Once the Contractor has corrected the substantive weaknesses and omissions, the Contracting Officer shall incorporate the approved plan as an attachment to the contract.

(End of clause)

H.32 ADVANCE AGREEMENT REGARDING CONTRACT ADJUSTMENTS RESULTING FROM SIGNIFICANT WORKLOAD CHANGES

The contractor agrees that any adjustment to the estimated cost and fee of this contract resulting from changes in workload indicators that constitute a change pursuant to the "Changes" clause, shall be contingent upon the following:

No adjustment to the NEC and fee will be made unless the contractor submits supporting data clearly demonstrating that the increased workload indicators resulted in significant increased direct labor hours from those contained in the negotiated estimated cost of the Government FY in which the change arose. Any such changes in direct labor hours shall be in consideration of the sum of all workload indicator changes, whereby the total increase in direct labor hours is offset by the decrease in direct labor hours.

Similarly, for decreased workload indicators, no adjustment to the NEC and fee will result unless it is demonstrated that decreased workload indicators resulted in a significant decrease in direct labor hours resulting there from the change.

(End of clause)

H-33 AFFARS 5352.242-9000 CONTRACTOR ACCESS TO AIR FORCE INSTALLATIONS (JUN 2002)

Note: This clause applies to USAF installations only.

A. The Contractor shall obtain base identification and vehicle passes for all Contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. Contractor personnel are required to wear or prominently display installation identification badges or Contractor-furnished, contractor identification badges while visiting or performing work on the installation.

B. The Contractor shall submit a written request on company letterhead to the Contracting officer listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The contracting officer will endorse the request and forward it to the issuing base pass and registration office or security police for processing. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver's license, current vehicle registration, valid vehicle insurance certificate, and other information as determined by the 45 Space Wing to obtain a vehicle pass.

C. During performance of the contract, the contractor shall be responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site.

D. When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with AFI 31-101, Volume 1, The Air Force Installation Security Program, and AFI 31-501, Personnel Security Program Management, as applicable.

E. Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office.

F. Failure to comply with these requirements may result in withholding of final payment.

G. Requests for entry to CCAFS shall be in accordance with 45 SWI 31-101, *Eastern Range Security Program*, Chapters 3.12, 4, 6, 7, and 12. Requests for entry to Patrick Air Force Base shall be in accordance with 45 SWI 31-102, *Patrick Air Force Base Installation Security Instructions*, Chapter 4.

H. Contractors should allow at least 14 days for background checks to be accomplished.

I. The contractor shall obtain access to PAFB and CCAFS ensuring no contractual impacts or delays attributed to failing to providing the required information and documentation in a timely manner.

J. The contractor shall include this Special Contract Requirement in subcontracts of any tier.

K. Requests for entry to CCAFS shall be in accordance with 45 SWI 31-101, Chapters 3.12, 4, 6, 7, and 12. Requests for entry to Patrick AFB shall be in accordance with 45 SWI 31-102, Chapter 4.

L. Contractors should allow at least 14 days for background checks to be accomplished.

M. The contractor shall obtain access to PAFB and CCAFS ensuring no contractual impacts or delays attributed to failing to providing the required information and documentation in a timely manner.

N. The contractor shall include this Special Contract Requirement in subcontracts of any tier.

(End of clause)

H.34 Contractor Proposed Enhancements

The Contractor shall provide the enhancements that are described below. These enhancements, which are above the requirements of the contract terms and conditions and the MESC Performance Work Statement (PWS), were proposed by the Contractor in the proposal submitted in response to the MESC Request for Proposal. The incorporation of these enhancements does not relieve the Contractor from the responsibilities of meeting all other contract terms and conditions and the MESC PWS. By incorporating these enhancements into this clause, the Contractor agrees to fully implement each as stated with all of the implied attendant requirements such as reliability and quality assurance, appropriate documentation and a commensurate test program as applicable. The Contractor shall perform these enhancements on all work performed, unless specifically waived by the Contracting Officer in writing.

In addition to the requirements specified in Attachment J-1, Section 4.5.1(a), provide a web-based Process Waste Questionnaire/Technical Response Package process that would allow users to electronically submit and receive information on waste determinations, handling, and appropriate disposition of their waste products. (Proposal Reference Volume I, page 166)

(End of clause)

H.35 Implementation Approaches

The Contractor shall provide the capabilities or implementation features that are described below. These capabilities or features were proposed by the Contractor in the proposal submitted in response to the MESC Request for Proposal. By incorporating these capabilities or features into this clause, the Contractor agrees to fully implement each as stated with all of the implied attendant requirements such as reliability and quality

assurance, appropriate documentation and a commensurate test program as applicable. The incorporation of these capabilities or features shall not relieve the Contractor from the responsibility of meeting, or exceeding as applicable, all Contract Terms and Conditions, and Performance Work Statement (PWS) requirements. The Contractor shall perform these capabilities or implementation features, unless specifically waived by the Contracting Officer in writing.

- The contractor shall provide automated qualification and certification cross checking, insuring that an employees training classes and certifications are current before a job is assigned to them.
- The contractor shall provide automated scheduling of recurring tasks.
- The contractor shall provide a "Worker's Health at a Glance" system that gives NASA, USAF, and contractors a picture outlining the major operations and processes at the Center, priority based on risk, frequency of occurrence, number of personnel involved, potential hazards involved, exposure status, and follow-up needed.
- The contractor shall provide the Environmental Laboratory Services provider advance copies of the electronic chain of custody forms to provide advance coordination on incoming sample analysis needs.

(End of clause)

[END OF SECTION]

I.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

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

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

A. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) PROVISIONS:

CLAUSE NUMBER	DATE	TITLE
52.202-1	JUL 2004	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	SEP 2006	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	SEP 2005	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER
52.204-7	JUL 2006	CENTRAL CONTRACTOR REGISTRATION
52.204-9	NOV 2006	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL
52.209-6	SEP 2006	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS - NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA – MODIFICATIONS
52.215-12	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA
52.215-13	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA – MODIFICATIONS
52.215-14	OCT 1997	INTEGRITY OF UNIT PRICES
52.215-15	OCT 2004	PENSION ADJUSTMENTS AND ASSET REVERSIONS
52.215-17	OCT 1997	WAIVER OF FACILITIES CAPITAL COST OF MONEY
52.215-18	JUL 2005	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
52.215-21	OCT 1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA – MODIFICATIONS

52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT
52.217-2	OCT 1997	CANCELLATION UNDER MULTI-YEAR CONTRACTS
52.217-8	NOV 1999	OPTION TO EXTEND SERVICES
52.219-6	JUN 2003	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE
52.219-8	MAY 2004	UTILIZATION OF SMALL BUSINESS CONCERNS
52.219-14	DEC 1996	LIMITATIONS ON SUBCONTRACTING
52.222-1	FEB 1997	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES
52.222-2	JUL 1990	PAYMENT FOR OVERTIME PREMIUMS: Insert: Fill-in paragraph (a)"TBD"
52.222-3	JUN 2003	CONVICT LABOR
52.222-4	JUL 2005	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION
52.222-21	FEB 1999	PROHIBITION OF SEGREGATED FACILITIES
52.222-26	MAR 2007	EQUAL OPPORTUNITY
52.222-35	SEP 2006	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES.
52.222-37	SEP 2006	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-39	DEC 2004	NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES
52.222-41	JUL 2005	SERVICE CONTRACT ACT OF 1965, AS AMENDED
52.222-50	APR 2006	COMBATING TRAFFICKING IN PERSONS
52.223-3	JAN 1997	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA - ALTERNATE I (JUL 1995)
52.223-5	AUG 2003	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION
52.223-6	MAY 2001	DRUG-FREE WORKPLACE
52.223-10	AUG 2000	WASTE REDUCTION PROGRAM
52.223-14	AUG 2003	TOXIC CHEMICAL RELEASE REPORTING
52.224-1	APR 1984	PRIVACY ACT NOTIFICATION
52.224-2	APR 1984	PRIVACY ACT
52.225-13	FEB 2006	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES
52.226-5	AUG 2006	RESTRICTIONS ON SUBCONTRACTING OUTSIDE DISASTER OR EMERGENCY AREA
52.227-3	APR 1984	PATENT INDEMNITY
52.227-14	JUN 1987	RIGHTS IN DATA - GENERAL - ALTERNATE II (JUN 1987) and ALTERNATE III (JUN 1987)
52.227-16	JUN 1987	ADDITIONAL DATA REQUIREMENTS
52.227-17	JUN 1987	RIGHTS IN DATA - SPECIAL WORKS
52.227-19	JUN 1987	COMMERCIAL COMPUTER SOFTWARE - RESTRICTED RIGHTS
52.228-7	MAR 1996	INSURANCE - LIABILITY TO THIRD PERSONS
52.232-9	APR 1984	LIMITATION ON WITHHOLDING OF PAYMENTS
52.232-17	JUN 1996	INTEREST
52.232-18	APR 1984	AVAILABILITY OF FUNDS

CLAUSE NUMBER	DATE	TITLE
52.232-22	APR 1984	LIMITATION OF FUNDS: Insert: Substitute paragraph (c) "80 percent" for "75 percent"
52.232-23	JAN 1986	ASSIGNMENT OF CLAIMS
52.232-25	OCT 2003	PROMPT PAYMENT – ALTERNATE I (FEB 2002)
52.232-34	MAY 1999	PAYMENT BY ELECTRONIC FUNDS TRANSFER - OTHER THAN CENTRAL CONTRACTOR REGISTRATION
52.232-33	OCT 2003	PAYMENT BY ELECTRONIC FUNDS TRANSFER - CENTRAL CONTRACTOR REGISTRATION
52.233-1	JUL 2002	DISPUTES - ALTERNATE I (DEC 1991)
52.233-3	AUG 1996	PROTEST AFTER AWARD - ALTERNATE I (JUN 1985)
52.233-4	OCT 2004	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM
52.237-2	APR 1984	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION
52.237-3	JAN 1991	CONTINUITY OF SERVICES
52.237-7	JAN 1997	INDEMNIFICATION AND MEDICAL LIABILITY INSURANCE – fill-in $1,000,000 per occurrence / $3,000,000 aggregate per year
52.239-1	AUG 1996	PRIVACY OR SECURITY SAFEGUARDS
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.242-13	JUL 1995	BANKRUPTCY
52.243-2	AUG 1987	CHANGES - COST-REIMBURSEMENT (AUG 1987) - ALTERNATE II (APR 1984)
52.243-7	APR 1984	NOTIFICATION OF CHANGES
52.244-2	AUG 1998	SUBCONTRACTS - ALTERNATE I (JAN 2006)
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING
52.244-6	MAR 2007	SUBCONTRACTS FOR COMMERCIAL ITEMS
52.245-1	JUN 2007	GOVERNMENT PROPERTY
52-245-2	JUN 2007	GOVERNMENT PROPERTY (INSTALLATION OPERATION SERVICES)
52.245-9	JUN 2007	USE AND CHARGES
52.246-25	FEB 1997	LIMITATION OF LIABILITY - SERVICES
52.247-1	FEB 2006	COMMERCIAL BILL OF LADING NOTATIONS: Insert: Fill-in paragraph (a) "NASA Kennedy Space Center"; paragraph (b) "TBD"; MESC Administrative Contracting Officer, "Mail Stop: OP-OS, Kennedy Space Center, FL 32899"
52.249-6	MAY 2004	TERMINATION (COST-REIMBURSEMENT)
52.249-14	APR 1984	EXCUSABLE DELAYS
52.251-1	APR 1984	GOVERNMENT SUPPLY SOURCES
52.251-2	JAN 1991	INTERAGENCY FLEET MANAGEMENT SYSTEM VEHICLES AND RELATED SERVICES
52.253-1	JAN 1991	COMPUTER GENERATED FORMS

B. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

CLAUSE NUMBER	DATE	TITLE
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-76	NOV 2004	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
1852.209-72	DEC 1988	COMPOSITION OF THE CONTRACTOR
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.227-11	--	PATENT RIGHTS – RETENTION BY THE CONTRACTOR (SHORT FORM)
1852.227-14	--	RIGHTS IN DATA – GENERAL
1852.227-17	--	RIGHTS IN DATA - SPECIAL WORKS
1852.227-19	--	COMMERCIAL COMPUTER SOFTWARE - RESTRICTED RIGHTS
1852.228-75	OCT 1988	MINIMUM INSURANCE COVERAGE
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.237-72	JUN 2005	ACCESS TO SENSITIVE INFORMATION
1852.237-73	JUN 2005	RELEASE OF SENSITIVE INFORMATION
1852.242-78	APR 2001	EMERGENCY MEDICAL SERVICES AND EVACUATION
1852.243-71	MAR 1997	SHARED SAVINGS

(End of clause)

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

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

(End of clause)

I.3 FAR 52.215-19 NOTIFICATION OF OWNERSHIP CHANGES (OCT 1997)

(a) The Contractor shall make the following notifications in writing:

(1) When the Contractor becomes aware that a change in its ownership has occurred, or is certain to occur, that could result in changes in the valuation of its capitalized assets in the accounting records, the Contractor shall notify the Administrative Contracting Officer (ACO) within 30 days.

(2) The Contractor shall also notify the ACO within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership.

(b) The Contractor shall -

(1) Maintain current, accurate, and complete inventory records of assets and their costs;

(2) Provide the ACO or designated representative ready access to the records upon request;

(3) Ensure that all individual and grouped assets, their capitalized values, accumulated depreciation or amortization, and remaining useful lives are identified accurately before and after each of the Contractor's ownership changes; and

(4) Retain and continue to maintain depreciation and amortization schedules based on the asset records maintained before each Contractor ownership change.

(c) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR 15.408(k).

(End of clause)

I.4 FAR 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the contractor within 30 days; provided that the Government gives the contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) In accordance with NFS 1817.207-70 (b) (1), the Government will perform an analysis to determine whether exercise of the option is in the Government's best interest. The analysis required to support the option exercise determination must include consideration of other factors in addition to price. In addition the other factors contained in FAR 17.207(e), the determination to exercise the option will consider, but is not limited to, the contractor's performance in satisfying contract requirements, for example, receiving positive performance ratings and the contractor's level of success.

(c) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(d) The Government may exercise one or more of the options specified in the contract consecutively or concurrently if it is deemed in the best interest of the Government.

(e) The total duration of this contract, including the exercise of any options under this clause, shall not exceed seven (7) years.

(End of clause)

I.5 FAR 52.219-28 Post-Award Small Business Program Rerepresentation (June 2007)

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

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts—

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the exercise date specified in the contract for any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at http://www.sba.gov/services/contractingopportunities/sizestandardstopics/.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the rerepresentation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure they reflect current status. The Contractor shall notify the contracting office by e-mail, or otherwise in writing, that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it ( ) is,( ) is not a small business concern under NAICS Code _____ assigned to contract number _____.[*Contractor to sign and date and insert authorized signer's name and title*].

(End of clause)

I.6 FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)

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

This Statement is for Information Only. It is not a Wage Determination.

Employee Class Monetary	**Wage—Fringe Benefits**
See Section J, Attachment J-16	

(End of clause)

I.7 FAR 52.223-7 NOTICE OF RADIOACTIVE MATERIALS (JAN 1997)

(a) The Contractor shall notify the Contracting Officer or designee, in writing, 30 days prior to the delivery of, or prior to completion of any servicing required by this contract of, items containing either (1) radioactive material requiring specific licensing under the regulations issued pursuant to the Atomic Energy Act of 1954, as amended, as set forth in Title 10 of the Code of Federal Regulations, in effect on the date of this contract, or (2) other radioactive material not requiring specific licensing in which the specific activity is greater than 0.002 microcuries per gram or the activity per item equals or exceeds 0.01 microcuries. Such notice shall specify the part or parts of the items which contain radioactive materials, a description of the materials, the name and activity of the isotope, the manufacturer of the materials, and any other information known to the Contractor which will put users of the items on notice as to the hazards involved (OMB No. 9000-0107).

(b) If there has been no change affecting the quantity of activity, or the characteristics and composition of the radioactive material from deliveries under this contract or prior contracts, the Contractor may request that the Contracting Officer or designee waive the notice requirement in paragraph (a) of this clause. Any such request shall -

(1) Be submitted in writing;

(2) State that the quantity of activity, characteristics, and composition of the radioactive material have not changed; and

(3) Cite the contract number on which the prior notification was submitted and the contracting office to which it was submitted.

(c) All items, parts, or subassemblies which contain radioactive materials in which the specific activity is greater than 0.002 microcuries per gram or activity per item equals or exceeds 0.01 microcuries, and all containers in which such items, parts or subassemblies are delivered to the Government shall be clearly marked and labeled as required by the latest revision of MIL-STD 129 in effect on the date of the contract.

(d) This clause, including this paragraph (d), shall be inserted in all subcontracts for radioactive materials meeting the criteria in paragraph (a) of this clause.

(End of clause)

I.8 FAR 52.223-9 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (AUG 2000)

(a) *Definitions.* As used in this clause -

Postconsumer material means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of recovered material.

Recovered material means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall -

(1) Estimate the percentage of the total recovered material used in contract performance, including, if applicable, the percentage of postconsumer material content; and

(2) Submit this estimate to the MESC COTR.

(End of clause)

I.9 FAR 52.223-11 OZONE-DEPLETING SUBSTANCES (MAY 2001)

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. §7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning

Contains (or manufactured with, if applicable) *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

(End of clause)

I.10 FAR 52.247-67 SUBMISSION OF TRANSPORTATION DOCUMENTS FOR AUDIT (FEB 2006)

(a) The Contractor shall submit to the address identified below, for prepayment audit, transportation documents on which the United States will assume freight charges that were paid--

(1) By the Contractor under a cost-reimbursement contract; and

(2) By a first-tier subcontractor under a cost-reimbursement subcontract thereunder.

(b) Cost-reimbursement Contractors shall only submit for audit those bills of lading with freight shipment charges exceeding $100. Bills under $100 shall be retained on-site by the Contractor and made available for on-site audits. This exception only applies to freight shipment bills and is not intended to apply to bills and invoices for any other transportation services.

(c) Contractors shall submit the above referenced transportation documents to--

John F. Kennedy Space Center, NASA

Accounting Control and Reporting Branch

GG-B-C2

Kennedy Space Center, Fl 32899

(End of clause)

I.11 NFS 1852.204-75 SECURITY CLASSIFICATION REQUIREMENTS (SEP 1989)

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of Secret Clearance. See Federal Acquisition Regulation clause 52.204-2 in this contract and DD Form 254, Contract Security Classification Specification, Section J, Attachment J-13.

(End of clause)

I.12 NFS 1852.215-84 OMBUDSMAN (OCT 2003)

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

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, Jim Hattaway, mail code: AA-B, Kennedy Space Center, FL 32899, phone number: 321-867-7246. Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail james.a.balinskas@nasa.gov. Please do not contact the ombudsman to request

copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the Contracting Officer or as specified elsewhere in this document.

(End of clause)

I.13 NFS 1852.237-71 PENSION PORTABILITY (JAN 1997)

(a) In order for pension costs attributable to employees assigned to this contract to be allowable costs under this contract, the plans covering such employees must:

(1) Comply with all applicable Government laws and regulations;

(2) Be a defined contribution plan, or a multiparty defined benefit plan operated under a collective bargaining agreement. In either case, the plan must be portable, i.e., the plan follows the employee, not the employer;

(3) Provide for 100 percent employee vesting at the earlier of one year of continuous employee service or contract termination; and

(4) Not be modified, terminated, or a new plan adopted without the prior written approval of the cognizant NASA Contracting Officer.

(b) The Contractor shall include paragraph (a) of this clause in subcontracts for continuing services under a service contract if:

(1) The prime contract requires pension portability;

(2) The subcontracted labor dollars (excluding any burdens or profit/fee) exceed $2,500,000 and ten percent of the total prime contract labor dollars (excluding any burdens or profit/fee); and

(3) Either of the following conditions exists:

(i) There is a continuing need for the same or similar subcontract services for a minimum of five years (inclusive of options), and if the subcontractor changes, a high percentage of the predecessor subcontractor's employees are expected to remain with the program; or

(ii) The employees under a predecessor subcontract were covered by a portable pension plan, a follow-on subcontract or a subcontract consolidating existing services is awarded, and the total subcontract period covered by the plan covers a minimum of five years (including both the predecessor and successor subcontracts).

(End of clause)

I.14 DRUG AND ALCOHOL FREE WORKFORCE (1852.223-74) (MAR 1996) (DEVIATION)

(a) **Definitions.** As used in this clause the terms **"employee," "controlled substance," "employee in a sensitive position,"** and **"use, in violation of applicable law or Federal regulation, of alcohol"** are as defined in 48 CFR 1823.570-2.

(b)(1) The Contractor shall institute and maintain a program for achieving a drug-and alcohol-free workforce. As a minimum, the program shall provide for preemployment, reasonable

suspicion, random, post-accident, and periodic recurring (follow-up) testing of contractor employees in sensitive positions for use, in violation of applicable law or Federal regulation, of alcohol or a controlled substance. The Contractor may establish its testing or rehabilitation program in cooperation with other contractors or organizations.

(2) In determining which positions to designate as "sensitive," the contractor will use the NASA Procedural Requirements (NPR) 3792.1B (July 29, 2006), Appendices A and B on "Testing Designated Positions" (TDPs) for federal employees, as a guide for the criteria and in designating "sensitive" positions for contractor employees.

(3) This clause neither prohibits nor requires the Contractor to test employees in a foreign country. If the Contractor chooses to conduct such testing, this clause does not authorize the Contractor to violate foreign law in conducting such testing.

(4) The contractor's program shall test for the use of phencyclidine (PCP), amphetamines, opiates, marijuana, cocaine, and alcohol. The Contractor's program may test for the use of other controlled substances. For example, the contractor may adopt and implement a more expansive drug- and alcohol-free workplace policy and testing program permitted under federal or state law (*e.g.*, Florida Statutes §§ 440.101 *et seq.*) or other authority.

(5) The contractor shall employ post-accident testing for all employees in sensitive positions performing work on a NASA facility for phencyclidine (PCP), amphetamines, opiates, marijuana, cocaine, and alcohol. Post-accident testing shall be conducted when the Contractor determines the employee's actions are reasonably suspected of having caused or contributed to an accident resulting in death or personal injury requiring immediate hospitalization or damage to Government or private property estimated to exceed $10,000.

(6) The Contractor's program shall conform to the "Mandatory Guidelines for Federal Workplace Drug Testing Programs" published by the Department of Health and Human Services (59 FR 29908, June 9, 1994) and the procedures in 49 CFR part 40, "Procedures for Transportation Workplace Drug Testing Programs," in which references to "DOT" shall be read as "NASA", and the split sample method of collection shall be used.

(c)(1) The Contractor's program shall provide, where appropriate, for the suspension, disqualification, or dismissal of any employee in a sensitive position in any instance where a test conducted and confirmed under the Contractor's program indicates that such individual has used, in violation of applicable law or Federal regulation, alcohol or a controlled substance.

(2) The Contractor's program shall further prohibit any such individual from working in a sensitive position on a NASA contract, unless such individual has completed a program of rehabilitation described in paragraph (d) of this clause.

(3) The Contractor's program shall further prohibit any such individual from working in any sensitive position on a NASA contract if the individual is determined under the Contractor's program to have used, in violation of applicable law or Federal regulation, alcohol or a controlled substance and the individual meets any of the following criteria:

(i) The individual had undertaken or completed a rehabilitation program described in paragraph (d) of this clause prior to such use;

(ii) Following such determination, the individual refuses to undertake such a rehabilitation program;

(iii) Following such determination, the individual fails to complete such a rehabilitation program; or

(iv) The individual used a controlled substance or alcohol while on duty.

(d) The Contractor shall institute and maintain an appropriate rehabilitation program which shall, as a minimum, provide for the identification and opportunity for treatment of employees whose duties include responsibility for safety-sensitive, security, or National security functions who are in need of assistance in resolving problems with the use of alcohol or controlled substances.

(e) The requirements of this clause shall take precedence over any state or local Government laws, rules, regulations, ordinances, standards, or orders that are inconsistent with the requirements of this clause.

(f) For any collective bargaining agreement, the Contractor will negotiate the terms of its program with employee representatives, as appropriate, under labor relations laws or negotiated agreements. Such negotiation, however, cannot change the requirements of this clause. Employees covered under collective bargaining agreements will not be subject to the requirements of this clause until those agreements have been modified, as necessary; provided, however, that if one year after commencement of negotiation the parties have failed to reach agreement, an impasse will be determined to have been reached and the Contractor will unilaterally implement the requirements of this clause.

(g) The Contractor shall insert a clause containing all the terms of this clause, including this paragraph (g), in all subcontracts in which work is performed by an employee in a sensitive position, except subcontracts for commercial items (see FAR Parts 2 and 12).

(End of clause)

I.15 DFARS 5352.242-9000 CONTRACTOR ACCESS TO AIR FORCE INSTALLATIONS (JUN 2002)

a) The contractor shall obtain base identification and vehicle passes for all contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. Contractor personnel are required to wear or prominently display installation identification badges or contractor-furnished, contractor identification badges while visiting or performing work on the installation.

(b) The contractor shall submit a written request on company letterhead to the contracting officer listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The contracting officer will endorse the request and forward it to the issuing base pass and registration office or security police for processing. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver's license, current vehicle registration, valid vehicle insurance certificate, and other information as determined by the 45 Space Wing to obtain a vehicle pass.(c) During performance of the contract, the contractor shall be

responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site.

(d) When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with AFI 31-101, Volume 1, The Air Force Installation Security Program, and AFI 31-501, Personnel Security Program Management, as applicable.

(e) Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office.

(f) Failure to comply with these requirements may result in withholding of final payment.

(End of clause)

[END OF SECTION]

J.1 MESC LIST OF ATTACHMENTS

Attachment No.	ATTACHMENT TITLE
J-1	Performance Work Statement
J-2	IT Security Implementation Guide
J-3	Specialized Physician Support for Human Spacecraft Launches and Landings Requirements
J-4	Data Requirements List/Data Requirements Description (DRL/DRD)
J-5	Work Load Indicators
J-6	Government Furnished Property (GFP) to be Replaced as Contractor Acquired Property (CAP)
J-7	Register of Wage Determination and Fringe Benefits
J-8	Government Furnished Facilities
J-9	MESC Compliance Document List
J-10	Award Fee Evaluation Plan
J-11	Glossary, Acronyms, and Abbreviations
J-12	Matrix of Government Furnished Services
J-13	DD Form 254 (Contract Security Classification Specification)
J-14	Government Furnished Property (GFP) – Replaced as Contractor Property
J-15	Performance Standards
J-16	Statement Of Equivalent Rates For Federal Hires

[END OF SECTION]

ATTACHMENT J-1
PERFORMANCE WORK STATEMENT (PWS)

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

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INTRODUCTION

This Performance Work Statement (PWS) describes the services to be provided by the Medical and Environmental Support Contractor (hereinafter referred to as "the MESC Contractor"). The MESC Contractor shall provide non-personal technical services to the Government. Services under this contract will be provided to the National Aeronautics and Space Administration (NASA) and the United States Air Force (USAF) at Cape Canaveral Air Force Station and Patrick Air Force Base, as well as to the many contracted activities at Kennedy Space Center and those USAF installations.

The work to be performed under this contract shall be incorporated over a two year period. The first year requirements include:

- Medical clinic operations
- Emergency medical services
- Environmental health services (industrial hygiene and health physics)
- Public health and sanitation services
- Environmental services
- Hazardous waste processing

In year two of this contract, the MESC Contractor shall provide services and support currently provided under portions of the Life Sciences Services Contract. The second year elements are noted throughout the PWS. Those elements include:

- Medical planning for shuttle launch and landing activities (Sections 2.2(h)–(j), 2.3.1(q), 2.6)
- Emergency medical care for the astronauts and their family members (Section 2.6)
- Fitness center operation and musculoskeletal rehabilitation services (Sections 2.8, 2.9,)
- Microbiological laboratory services (Sections 2.10(f)-(j), 3.4(v), 3.7(d))
- Biomedical Studies Support (Section 2.11)
- Medical Education Program (Section 2.12)
- Technical Review of NEPA documents prepared by others (Section 4.4.3(d))
- Remediation Program Services (Section 4.4.6)
- Ecological Monitoring Program Services (Section 4.7)
- Earth Systems Modeling and Data Management Operations (Section 4.8)
- Agency Support for Recycling and Affirmative Procurement (RAP) (Section 4.9)

- Agency Occupational Health Program Support Office (Section 5.0)

1.0 PROJECT/PROGRAM MANAGEMENT.

1.1 General Management and Control.

The MESC Contractor shall institute and maintain an effective, efficient, and responsive program management organization that is responsible for oversight of MESC Contractor personnel, other contract resources, contract performance, deliverables, and cost. The MESC Contractor shall notify the Contracting Officer's Technical Representative (COTR) and Contracting Officer (CO) of any problems that may adversely impact the timely and cost-effective delivery of quality products and services under this contract. The MESC Contractor shall:

a. Interact, plan, and effectively coordinate and communicate with all levels of customers, both Government and contractors;

b. Institute an on-site centralized program management office and a single set of consolidated and easily understandable policies and procedures for the MESC;

c. Implement, for performance of this contract, established government initiatives such as energy management and conservation, and evolving requirements related to the protection of the environment and minimizing personnel exposure to hazards;

d. Analyze compliance with all applicable regulatory and statutory requirements and when necessary identify to the Government potential trade-offs with other contract functions to ensure compliance. The MESC Contractor shall notify the Government in writing within 3 working days of identifying the need for a trade-off necessity. The Government must provide the MESC Contractor written direction on the implementation of any trade-offs prior to implementation;

e. Implement and sustain a customer-oriented work control and planning process that shall provide responsive support and simultaneously support multiple customers having competing requirements and priorities. In an event those conflicts cannot be resolved, the CO and COTR shall be consulted;

f. Conduct a contract review meeting on a semi-annual basis. The semi-annual review shall cover all aspects of the MESC operations, both technical and business, including a concise summary of performance and risk assessment in each major work element of the Performance Work Statement in accordance with DRD1.1-001 Report, Performance Assessment;

g. Comply with Government policies, procedures and agreements as identified in Section J, Attachment J-9, MESC Compliance Document List.

1.2 Risk Management.

The Contractor shall develop, implement, and update a Risk Management Plan (DRD1.2-001 Plan, Risk Management) in accordance with NPR 8000.4, Risk Management Procedural Requirements. The Risk Management Plan shall provide an organized, systematic decision making process that efficiently manages risk associated with the MESC at KSC.

The Contractor shall develop and implement management approaches, including the criteria, methods, and procedures for identifying, analyzing, planning, tracking, controlling, communicating, and documenting MESC-related risks associated with:

a. Contract Transition/Phase-In;

b. Contract Administration/Execution;

c. Performance of PWS Requirements;

d. Accomplishment of Task Orders.

1.3 Business Management.

1.3.1 Resource Management and Work Control.

The MESC Contractor shall provide a contract resource management and work control system to include subcontracts for the total contract work activity. The MESC Contractor resource management system shall provide timely and accurate visibility of contract workforce, cost, and schedule performance. The control system shall be designed to enable the MESC Contractor to provide work progress reports to the Government. The control system shall allow insight into the various customers requesting services in this PWS.

The MESC Contractor shall operate a website to promote and implement MESC medical, environmental health, and environmental services. As a minimum, the website shall provide a means for requesting physical examinations and environmental health and environmental support services, and access to the KSC Material Safety Data Sheet archive.

The Government will provide a centralized help desk function. The MESC Contractor shall interface with that help desk, accept work referrals, and provide status or close out information on work requests generated by that centralized activity. The MESC contractor shall work with the centralized help desk provider to develop processes for receipt and disposition of work requests, 24 hours per day, 7 days per week.

The MESC Contractor will be provided six MAXIMO licenses in order to interface with other NASA/KSC contractors and organizations. The MESC Contractor shall have personnel familiar with MAXIMO operations for interacting with other NASA/KSC contractors and organizations work control systems.

Applicable Work Load Indicators (WLI's) for each WBS are incorporated in Section J, Attachment J-5, and shall be reported in accordance with DRD1.3.1-001 Report, Workload Indicators, Work Backlogs and Deferred Work.

1.3.2 Human Resources.

The MESC Contractor shall:

a. Recruit and maintain a highly skilled workforce;

b. Apprise the COTR and CO of any human resource issues that could have an impact on their ability to perform required elements of this contract;

c. Take a proactive management approach to labor relations involving collective bargaining agreements and participate in the KSC Labor Management Council;

d. Proactively manage wages and benefits for represented and non-represented employees

e. Manage compensation for all employees in accordance with the MESC Total Compensation Plan;

f. Comply with DRD1.3.2-001 Report, Advance Notification of Workforce Reductions, when a workforce reduction is imminent;

g. Provide the following reports:

- DRD1.3.2-002 Report, Monthly KSC Headcount;
- DRD1.3.2-003 Report, Quarterly Summary of 3rd Step Labor Grievances and Arbitrations.

1.3.3 Property Control.
The MESC Contractor shall ensure the proper control, use, and maintenance of Government property provided to support the MESC operations (see Section J, Attachment J-6, Government Furnished Property (GFP) to be replaced as Contractor Acquired Property (CAP) and Attachment J-14, Government Furnished Property to be replaced as Contractor Property (CP)). The MESC Contractor shall:

a. Serve as the Property Custodian for all Installation Accountable Property provided to the MESC in accordance with government regulations. The MESC Contractor's custodial responsibilities are defined in the current version of KNPR 4000.1, Supply and Equipment Systems Manual;

b. Assess, recommend, and purchase property necessary for maintaining successful day-to-day contract operations;

c. Maintain a master list of all equipment items purchased for review at final contract end in accordance with DRD1.3.3-001 Report, Replacement of Government Furnished Property;

d. Submit to the Government a monthly asset capitalization report in accordance with DRD1.3.3-002 Report, Asset Capitalization.

1.3.4 Motor Vehicle Utilization.
The MESC Contractor shall provide general use motor vehicles necessary to perform the requirements of the contract. (Note: Attachment J-14 lists Government furnished specialized motor vehicles.)

1.3.5 Export Control.
The MESC Contractor shall implement an Export Control Program to assure compliance to International Trade in Arms Regulation (ITAR) and Export Administration Regulations (EAR). The MESC Contractor shall identify an Export Control Official responsible for the implementation of the program and to coordinate issues with the Center Export Administrator (CEA). The MESC Contractor's export control program shall adhere to the policy and guidance covered in NPD 2190.1A, NASA Export Control Program and NPR 2190.1, NASA Export Control Program.

1.3.6 Procurement Management.
The MESC Contractor shall:

a. Purchase goods and services necessary to accomplish work on the MESC, in accordance with guidance of the Federal Acquisition Regulation (FAR), and the NASA FAR Supplement (NFS);

b. Develop and implement a comprehensive set of procedures covering all phases of the purchasing process and shall ensure integrity, efficiency and protection of the government's resources in all purchasing actions;

c. Utilize the Transportation Officer, Base Operations Receiving Warehouse, Building M6-744, Kennedy Space Center, Fl. 32899, as its receiving agent;

d. Provide the CO with a monthly Purchase Order report in accordance with DRD1.3.6-001 Report, Purchase Order.

1.3.7 Documentation, References and Records Management.

The MESC Contractor shall operate and maintain an electronic archive of all reports, surveys, analysis, inspections and other contract activities conducted on behalf of KSC. The MESC Contractor shall maintain internal document records of all administrative and operational procedures such as records of employee certification and training, clinic certifications, reports, and other auditable activities. The Contractor shall:

a. Maintain a records management program and submit a records management plan in accordance with DRD1.3.7-001 Plan, Records Management Program;

b. Submit a file plan and an annual report to the center records manager in accordance with DRD1.3.7-002 Report, File Plan and Summary of Record Holdings and Transfers;

c. Manage the legacy Federal records (data created for Government use and delivered to, or falling under the legal control of, the Government) inherited by the contractor from previous contracts.

d. At the completion or termination of this Contract, the Contractor shall leave all Government-owned data at Kennedy Space Center. The contractor shall deliver Government-owned data to center records manager in accordance with DRD1.3.7-001, Plan, Records Management Program.

e. Provide NASA or authorized representatives access to all Government records. The Government reserves the right to inspect, audit and copy record holdings.

1.3.8 Facilities.

The MESC Contractor shall:

a. Operate facilities including a medical clinic, first aid nursing stations, fitness centers, environmental health facility, and laboratories;

b. Assist the government in management and oversight of the facilities assigned under this contract;

c. Identify and track facility requirements, requesting facility services and repairs from the government, inspection of assigned facilities and instituting protective actions for prevention of damage such as hurricane preparedness.

d. Section J, Attachment J-8, Government Furnished Facilities, identifies facility space assigned to the MESC.

1.3.9 Flexibility.

The MESC Contractor shall respond to changing service requirements, including work resulting from unexpected surges or reductions, and prioritize activities to best accomplish the intent of the contract. Strategies for responding to those changing levels of demand, whether they are triggered by NASA mission change, regulatory requirements, budgetary adjustments or other factors, will be coordinated with the Government.

1.3.10 Work for Others.

Work for Others is defined as work performed for and paid for by other(s) under a separate agreement.

The MESC Contractor is encouraged to undertake Work for Others at KSC and CCAFS that would utilize the unique capabilities within the MESC. These unique capabilities include the Government-furnished facilities/worksite for which the MESC Contractor has operational responsibility and/or the expertise of the MESC Contractor personnel resident at the KSC. The primary purpose of this authority is to provide commercial entities, NASA contractors, academic institutions, and outside agencies access to the MESC for support not funded under the scope of the MESC.

Work for others will be considered for authorization when those activities are deemed to be consistent with the Government's needs in the fields of ecological studies, wildlife refuge/ecosystem management, aerospace and occupational medicine, and environmental health. Activities that are supportive of partnerships with the regulatory agencies having jurisdiction over KSC property, the Merritt Island National Wildlife Refuge (MINWR), and the Canaveral National Seashore shall also be considered for authorization.

The Government will approve work for others and support to other agencies and scientific partners prior to commencement, to assure compatibility with the Government's needs, funding requirements and priorities.

Work for others shall not create a conflict of interest or interfere with the performance of this PWS.

1.3.11 Performance Metrics.

The MESC Contractor shall assist the Government in development, maintenance, and analysis of performance metrics for the MESC contract. The MESC Contractor shall develop and provide objective, measurable metrics as coordinated with the Government. DRD1.3.11-001 Program and Performance Metrics shall be finalized in coordination with the Government within 180 days of contract award. The MESC Contractor shall report existing or potential problem areas with recommended solutions.

1.3.12 Training, Certification, and Licensure.

Each professional and technical member of the MESC Contractor's staff shall possess an academic degree in the discipline or an equivalent combination of education and experience suitable to the responsibilities of their position. The MESC Contractor shall provide and adhere

to a plan to ensure personnel are provided with the technical and professional training necessary for obtaining and maintaining professional development, certifications, and licensure. It is the expectation of the government that the MESC Contractor's training plan will include elements for the professional development of all staff. The MESC Contractor shall collect, maintain, and make available to the Government current data for all required certifications in accordance with DRD1.3.12-001 Report, Certifications and Licensure. The MESC Contractor shall ensure that there are no violations resulting from lapses in required personnel certifications/training. (Note: KSC area access training will be provided by the Government.)

1.4 Safety, Health and Environment.

The MESC Contractor shall ensure the safety of its personnel, other on-site personnel, and public visitors to KSC are of primary importance, and that Government property and the environment are protected from damage.

1.4.1 Safety and Health Plan.

The MESC Contractor shall submit and maintain a current detailed safety and health plan in accordance with DRD1.4.1-001 Plan, Safety and Health. The plan shall describe the policies, procedures and approaches to be used to ensure the safety and occupational health of its employees, to ensure the safety of their operations and to protect property. The plan shall discuss the flow down of the MESC Contractors safety program to its subcontracted activities. The plan shall be structured according to the outline contained in NPR 8715.3, NASA General Safety Program Requirements and shall be approved by the CO prior to commencement of contract operations. The MESC Contractor shall manage to its Safety and Health Plan.

1.4.2 Safety and Health Compliance.

The MESC Contractor shall:

a. Comply with all applicable federal, state and local laws and regulations, as well as NASA policy, procedure and guidelines. The MESC Contractor's safety and health program shall be fully documented and auditable and the MESC Contractor shall participate in government audit and surveillance activities of their plans, procedures, and processes when deemed necessary by the Government;

b. Conduct safety and health inspections of all MESC contractor-occupied facilities on a quarterly basis. Those inspections shall assure compliance with requirements of Occupational Safety and Health Administration (OSHA) regulations. The inspections shall be formally documented and all findings tracked to closure. Qualified safety and health professionals (as defined in 29 CFR§1960) shall perform inspections at least annually. MESC Contractor internal assessments, results, and surveillance activities shall be made available and auditable by the Government;

c. Assist NASA, or its representatives, in examination of sites or areas where work under the contract is being performed in order to determine the adequacy of the safety and health program;

d. Ensure equipment owned, leased, rented or obtained from off-site locations is properly assembled, maintained and safe for use by the MESC;

e. In the event of a Program or Center incident or contingency, support any government investigation and make available all pertinent documentation as requested;

f. Submit a monthly Safety Statistics Record, in accordance with DRD1.4.2-001 Report, Safety Statistics and utilize the Agency provided Incident Reporting Information System (IRIS) for entering accident and incident information;

g. Report all injuries, damage and close calls resulting from MESC Contractor activities and investigate and take appropriate corrective action. The MESC Contractor shall electronically enter all mishaps meeting the criteria for Type A through Type D mishaps as defined in KNPR 8715.3, KSC Safety Practices Procedural Requirements into the NASA mishap-reporting database. All close calls with the potential to have been Type A through Type D mishaps shall also be entered. Mishap reporting methods and timelines shall be in accordance with DRD1.4.2-002 Report, Safety Anomaly;

h. In the event the MESC Contractor determines the need to deviate from a government requirement, a formal request must be processed through the appropriate variance review and approval system. The MESC Contractor shall perform risk assessments for all variances requested to safety procedures and processes. The risk assessment shall be performed to assure the safety of personnel and equipment is not compromised, and alternate work procedures, as a result of a variance, shall be evaluated prior to implementation.

1.4.3 Voluntary Protection Program (VPP) Support.

NASA-KSC and some of its contractors are participants in the OSHA VPP. It is expected that continued participation by the government in the VPP process will require the MESC Contractor to support that VPP effort inasmuch as it requires medical and environmental support services. For example, OSHA may, in the course of reviewing NASA's VPP qualifications, need to review clinic medical procedures and review industrial hygiene surveys conducted under the MESC contract. The MESC Contractor shall support NASA's VPP readiness efforts and on-site VPP reviews.

The MESC Contractor's safety and health plan shall identify how their safety and health program addresses, and are compliant with, the elements of the VPP. VPP qualification by OSHA is not a requirement for this contract; however the MESC Contractor is expected to be VPP compliant. The MESC Contractor shall annually complete a VPP Self Assessment Report, meeting the intent of the OSH TED 8.4, VPP: Policies and Procedures Manual, and submit to the Government in accordance with DRD1.4.3-001 Report, VPP Self-Assessment.

1.4.4 Operational Safety Assessments and Hazard Analysis.

The MESC Contractor shall develop and implement a process for assessing and managing hazards associated with their activities. The process shall provide for appropriate hazardous operation surveillance, review of hazardous procedures, and assessment of risks associated with deviations from procedures or safety and health requirements.

The MESC Contractor shall conduct and document an operational safety assessment of all high risk, first time operations and make those assessments available to the government for review.

For MESC Contractor-controlled operations involving hazardous materials that meet or exceed the threshold specified in 29 CFR§1910.119, Process Safety Management Standard, the MESC Contractor shall develop an auditable program that complies with all of those requirements. All personnel engaged in potentially hazardous operations or hazardous material handling shall be

certified as capable to operate the equipment and perform their jobs in a safe manner. Hazardous operation safety certification is required for those tasks that potentially have an immediate danger to the individual (death/injury to self) if not done correctly, or could create a danger to other individuals in the immediate area (death or injury), or are a danger to the environment. All employees shall be trained and/or maintain certification per the requirements outlined in specific government standards/requirements.

1.4.5 Transportation Safety.

All motor vehicles (e.g. cars, trucks, vans, boats, all-terrain vehicles), used for transportation of personnel or hazardous material shall comply with laws regarding inspections and markings and must have passed an inspection to ensure that the vehicle is in safe mechanical operating condition. The mode of transportation shall be inspected to the applicable standards of the Federal Highway Administration, U.S. Coast Guard, and Department of Transportation (DOT). All vehicles transporting hazardous materials on government and public roadways shall display all DOT required placards, lettering, or numbering. All personnel operating such vehicles shall receive the appropriate training and or licensing.

1.4.6 Environmental Management.

The MESC Contractor shall ensure that MESC operations and facilities are in compliance with all applicable federal, state and local environmental regulations and Executive Orders, and NASA policies, procedures and guidelines, in accordance with KNPR 8500.1, KSC Environmental Requirements. The MESC Contractor shall support NASA environmental program requirements applicable to the MESC. This support includes response to environmental data calls and support to internal and external inspections and audits.

1.5 Financial Management.

1.5.1 General Requirements.

The contractor shall perform all business and administrative functions and integrate these functions across all areas of performance. The contractor shall provide on-going business analysis and respond to requests and inquiries from the Government relating to budget, schedule, and cost performance. The contractor shall employ best business practices and sound financial management in the performance of financial management and reporting. The contractor shall develop, update, and implement a financial management process in compliance with Federal Acquisition Regulation (FAR) and NASA FAR Supplement (NFS), Subpart 1842.72, "NASA Contractor Financial Management Reporting." The contractor shall use flexible and innovative procedures designed to ensure compliance with the variety of cost charging and reporting requirements of NASA based on category of customer and sources of funds. The contractor shall provide complete, accurate, and timely reporting of monthly and accumulated expenditures, projected costs and workforce utilization. The contractor shall manage contract resources to maintain flexibility to respond to surge, one-of-kind, and unforeseen requirements, and shall coordinate with the Government to prioritize such requirements. The contractor shall provide a recovery plan for any activity or project under their responsibility that is estimated to exceed established cost or scheduled plans.

1.5.2 Financial Management System.

The contractor shall:

a. Track expenditures and workforce utilization by Government specified customers, WBS down to the lowest level, unique project/activity/event identifiers (Job Order Number or equivalent), unique task identifiers (Work Order Numbers or equivalent), and elements of cost including labor hours, other direct costs, fringe, overhead, General and Administrative (G&A), fee, and Work Year Equivalents (WYEs) for both Contractor and Major Subcontractors;

b. Provide on-going financial analysis and respond to Government requests related to budget, schedule, and cost performance;

c. Utilize accounting procedures capable of monthly collection, distribution, and reporting of Government-identified cost pool charges for multiple customers. Provide cost pool reporting in accordance with DRD 1.5-001 Report, Shared Cost Pool Analysis;

d. Provide data in support of multi-year budget calls and other special budget requests;

e. Develop and maintain a financial management system with automated data transfer capability from Management Information System (MIS) and other applications to ensure complete data integrity and eliminate duplicative data entry. At a minimum, provide planned and actual costs and labor hours with the ability to query by the following data fields: charge date, facility number, customer number, Work Breakdown Structure (WBS) element, unique project and task identifiers, direct and indirect elements of costs, type or categories of work, Government fiscal year, and for all Major Subcontractors. Provide network accessible, on-line query capability for the government;

f. Develop and maintain a cost accounting system with adequate internal checks, balances and audit steps to isolate and identify erroneous, incomplete data and procedural deviations. Upon detection of significant errors, implement required corrective actions, and notify the Government per DRD 1.5-002 Report, Reconciliation of Incurred Costs to Reported Costs;

g. Provide a cost correction (or error) tracking feature as part of the cost collection system. Log entries individually, validate entries, correct errors, and show disposition of reported errors. Government as well as contractor employees shall be able to enter items on the error log;

h. Participate in monthly financial reviews with the Government to discuss cost performance. These reviews shall include both formal and informal reviews with multiple customers requiring multiple products/reports, sometimes due concurrently.

i. Develop and maintain the following financial DRDs. Ensure all DRDs are auditable and reconcilable to the Contractor's financial management systems.

- DRD 1.5-001 Report, Shared Cost Pool Analysis
- DRD 1.5-002 Report, Reconciliation of Incurred Costs to Reported Costs
- DRD 1.5-003 Report, Contractor Financial Management Analysis, NASA Form 533M & NASA Form 533Q
- DRD 1.5-004 NF533M Flat File
- DRD 1.5-005 Plan, Annual Phased Contract Operating

- DRD 1.5-006 Report, Rate-Volume Variance Analysis
- DRD 1.5-007 Report, Direct and Indirect Rates
- DRD 1.5-008 Report, Prime and Subcontractor Contract Value (CV) Status
- DRD 1.5-009 Report, Phased Negotiated Estimated Cost (NEC) Baseline
- DRD 1.5-010 Report, Annual IT NASA Headquarters and Special IT Budget

1.6 Quality Assurance.

The MESC Contractor shall establish, implement, document and maintain a quality assurance program for evaluation of the internal processes, controls, metrics and procedures. The quality assurance program shall follow the guidance in ANSI/ASQC/ISO 9001-2000.

1.7 Information Technology (IT).

1.7.1 IT User Guides.

The MESC Contractor shall provide a user's guide and training for user access to MESC Contractor provided on-line information technology tools and databases for the Government.

1.7.2 Administrative and Engineering Desktops.

The Government will provide administrative and engineering desktops, workstations, or laptops for performance of this contract.

1.7.3 IT Security Compliance.

The Government is responsible for all necessary actions to achieve IT security compliance for Government-furnished IT services. The MESC Contractor shall be responsible for ensuring IT Security compliance for all MESC Contractor provided IT systems and Government-furnished property that the MESC Contractor is responsible for operating and maintaining.

The MESC Contractor is responsible for ensuring that all of the IT systems and tools utilized to provide services under this contract comply with applicable Federal laws and regulations and Agency requirements, standards, policies, and procedures. The MESC Contractor is also responsible for providing technical point of contact for IT security to the Government. The MESC Contractor shall maintain an IT Security Plan in accordance with DRD1.7-001 Plan, IT Security.

The MESC Contractor shall develop, document, and manage operational and technical IT security policies, procedures, and controls for all services the MESC Contractor provides to the Government. For each of these services, the MESC Contractor shall integrate the IT security policies, procedures, and control measures into their full life cycle, and shall test and annually review these policies, procedures, and controls for adequacy and compliance. The MESC Contractor shall comply with NPR 2810.1A, Security of Information Technology as supplemented by Section J, Attachment J-2, IT Security Implementation Guide.

2.0 MEDICAL SERVICES.

2.1 Administration and General Requirements.

The MESC Contractor shall provide comprehensive medical services to maintain a healthful and productive workforce.

The MESC Contractor shall:

a. Provide medical services to all NASA-KSC civil servant, NASA-KSC resident contractor personnel, NASA-KSC guests, and KSC Visitors Center (KSC VC) visitors, specified personnel described in specific paragraphs below, and NASA tenant personnel resident at KSC and CCAFS;

b. Provide the administrative and technical operations and management of Occupational Medicine (OM) functions, as specified in KNPD 1810.1, KSC Occupational Medicine Program and of Aerospace Medical functions, as specified in the KSC-PLN-1914, KSC Medical Operations Support Implementation Plan (MOSIP) and KSC-PLN-1915, KSC Emergency Medical Services (EMS) Plan;

c. Transition existing electronic medical data provided by the Government into an MESC Contractor provided health information management system and maintain and utilize the system for storage of medical records and data analysis of medical information. When the Agency implements an Agency-wide system, the MESC Contractor shall transfer the medical data and implement that system at KSC. The MESC Contractor shall ensure the portability of any medical data to allow its transfer to other systems if required by the Government;

d. Provide administrative support for medical services through the use of a health information management system that supports physical examination management, patient scheduling and notification, reception desk operations, and records management with the capability for statistical and analytical data collection and retention. The system shall interface with the NASA Training System for the automatic upload of medical certification data;

e. Develop, maintain and implement a Medical Quality Assurance Program which evaluates all aspects of medical care provided in compliance with NPR 1800.1, NASA Occupational Health Program. Provide a Medical Quality Assurance Program Plan in accordance with DRD 2.1-001 Plan, Medical Quality Assurance Program;

f. Comply with requirements of the Health Information Portability and Accountability Act (HIPAA) as directed by the CO;

g. Develop, operate, and maintain an OM services internet web site to provide customer review of programs and services and provide on-line services requests.

2.2 Training, Certifications and Licensure.

Medical services shall be performed by certified/licensed medical staff as follows:

a. MESC Contractor provided OM medical services shall be under the management of a Medical Director; Deputy Medical Director; and a third physician with proficiency in stress test interpretation and reading electrocardiograms. These three positions shall be filled by physicians, Board certified in a preventive medicine or a primary care specialty. All other physicians providing OM services shall be Board Certified in or have completed residency in either a preventive medicine or primary care specialty or have completed residency training in a non-preventive medicine or non-primary care specialty, and have a minimum of 2 years experience in occupational medicine or other preventive or primary care field. Board certification in occupational medicine is preferred. All

Board certifications must be provided by a board certifying entity in the United States. All physicians providing OM services shall meet all State of Florida Licensing requirements;

b. All Physicians shall maintain current American Heart Association (AHA) Basic Cardiac Life Support (BCLS), Course C; AHA Advanced Cardiac Life Support (ACLS) provider, and Advanced Trauma Life Support (ATLS) certifications;

c. All nurses providing OM services shall be Registered Nurses and maintain current State of Florida licenses, and shall maintain current AHA BCLS, Course C and ACLS provider certifications and obtain certification in Occupational Health Nursing within 2 years of becoming eligible by criteria established by the American Board of Occupational Health Nurses. Nurse Practitioners providing occupational medicine services shall meet the same certifications as required for staff nurses providing occupational medicine services;

d. Physician Assistants providing OM services shall maintain current State of Florida Physician Assistant licenses. Previous experience in occupational medicine is preferred;

e. Emergency Medical Technicians shall maintain current State of Florida certifications as an EMT and maintain current AHA BCLS;

f. Radiological-Laboratory Technologists shall maintain current State of Florida licensure;

g. Employee Assistance Program Counselors shall possess a Masters Degree in Social Sciences, Psychology, or a related field, or the equivalent education/experience; and achieve EAP certification within 1 year after becoming eligible;

(Section 2.2(h)–(j) to be effective October 1, 2009)

h. Physicians providing Aerospace Medicine (AsM) shall be Board Certified in or have completed residency in either a preventive medicine or primary care specialty or have completed residency training in a non-preventive medicine or non-primary care specialty, and have a minimum of 2 years experience in aerospace medicine or other preventive or primary care field. Board certification in aerospace medicine is preferred. All Board certifications must be provided by a board certifying entity in the United States. All physicians providing AsM services shall meet all State of Florida Licensing requirements;

i. All nurses providing AsM services shall be Registered Nurses and maintain current State of Florida licenses, and shall maintain current AHA BCLS, Course C and ACLS provider certifications. Nurse Practitioners providing aerospace medicine services shall meet the same certifications as required for nurses providing aerospace medicine services;

j. Physician Assistants providing AsM services shall maintain current State of Florida Physician Assistant licenses. Previous experience in aerospace medicine or flight nursing is preferred;

k. Athletic Trainers shall be certified by the National Athletic Trainers Association and Licensed by the State of Florida.

2.3 NASA KSC Occupational Medicine.

2.3.1 Occupational Medicine Services.

The MESC Contractor shall provide comprehensive OM Services designed to enhance the health and well-being of the work force. Services shall be provided to NASA and KSC contractor activities (including special events), personnel, and facilities (including ships/boats, when moored to the dock that are operated by the U.S. Government) on or in the vicinity of KSC and CCAFS.

The MESC Contractor shall:

a. Provide health examinations at the Occupational Health Facility. Health examinations shall be administered in accordance with KBM-ST-2.1 A and B, Medical Standards and are required to satisfy various programs such as the Federal Employee Health Program (FEHP) and OSHA standards;

b. In coordination with the NASA-KSC medical officers, develop and maintain NASA-KSC health examination classifications in accordance with current NASA-KSC health examination classification standards (see KBM-ST-2.1 A and B, Medical Standards);

c. Operate medical facilities at K6-1145 (Launch Area Clinic) first shift Monday through Friday from 7:00am to 3:00pm, except MESC Contractor holidays, and in M6-495 (Occupational Health Facility) 10 hours per day from 7:00am to 5:00pm, 5 days per week, Monday through Friday, except MESC Contractor holidays and the First Aid Station at the KSC Visitors Center Complex (KSC VC) for one 10-hour shift per day during the open hours of the KSC VC, or as otherwise agreed to with the KSC VC;

d. Evaluate, treat, and provide appropriate recommendations for disposition of all occupational injuries and illnesses;

e. Provide Workers' Compensation Program medical case management for NASA civil servants that are permanently assigned, or while on temporary assignment to KSC/CCAFS, to ensure injured workers receive appropriate medical services as quickly as possible in order to reduce time lost from work, including, if necessary, limited duty recommendations;

f. Provide a registered nurse to support visitor and employee activities at the KSC VC. This nursing support shall operate under the direction of the MESC Contractor medical director and by protocols established by the MESC Contractor medical department and shall provide evaluation of medical problems and treatment/disposition of minor medical problems for visitors at the KSC VC. The nursing support shall also provide OM services to the KSC VC employees at levels comparable to that provided by nurses at other KSC OM facilities. The nurses shall also provide OM consultative services to the KSC VC management;

g. Identify trends associated with all injuries or illnesses that may be related to the work environment, investigate those trends, and recommend actions required for prevention;

h. Evaluate any patient presenting with minor non-occupational illnesses and injuries. If the diagnosis is apparent and minimal treatment without release from work is appropriate, requiring no follow-up, then treatment shall be rendered and the individual returned to duty. If these conditions warrant diagnostic or consultative services beyond that available at the on-site medical facility, or if a private physician's services shall be necessary to ensure comprehensive evaluation and/or treatment following first care necessary for

stabilization and transport, the individual shall be referred to the private physician rather than being given further treatment at the on-site medical facility;

i. Provide appropriate return to work clearance or duty limitations to patients and their employers;

j. Perform laboratory, x-ray, or other tests within the scope and capability of the on-site medical facility at the request of a private physician if the conditions under evaluation or treatment are job-related;

k. For non-occupational related illnesses or injuries, requests for laboratory or x-ray procedures that are received from private physicians shall only be conducted at the time of scheduled physical examinations and within the scope and capability of the clinic. Exceptions to this may be made for military and military reservists on active duty located at KSC and CCAFS who may come to the OM facilities instead of going to other U.S. Government Medical Facilities, where they are authorized full care. Other exceptions may include NASA retirees with medical disabilities whose continued medical surveillance by NASA is requested by the Government;

l. Administer treatments, medications, or tests (such as shots, blood pressure checks, hormonal therapy, or other tests as directed by the Government) prescribed by the employee's private physician if these on-site activities enable the employee to remain at work for the balance of the normal work shift or are otherwise in the best interest of the Government. Services requested by the employee's private physician must be in writing. An MESC Contractor physician shall evaluate and approve, as appropriate, the written request. The employee shall furnish any of the necessary medications and required specialized equipment;

m. Refer patients to their personal physician when significant abnormal conditions are discovered at the time of scheduled certification physical examinations or in the course of treatment for occupational illnesses or injuries, but which in themselves are not related to the patient's employment. Information on the evaluation and treatment shall be requested from the private physician to determine any effect on employment or need for work limitations;

n. Supply medications not classified as controlled by the Drug Enforcement Administration for the Astronaut Health Program for KSC spacecraft launch and landings;

o. Perform semi-annual Drug Enforcement Administration (DEA) classified controlled medication inventories in accordance with NPR 1800.1, NASA Occupational Health Program;

p. Serve as the Automated External Defibrillator (AED) Program Coordinator (AED-PC) as per TA-POLICY-012, KSC AED Policy. The AED-PC shall be the MESC Medical Director, or his/her delegate. The AED-PC shall be responsible for being the physician-of-record for the KSC AED Program and will assure training of all personnel designated as NASA/KSC AED Providers or Responders. The AED-PC will monitor maintenance and quality assurance for NASA/KSC AED's and evaluate, along with the Government, any deployment of a NASA/KSC AED.

(Section 2.3.1(q) to be effective October 1, 2009)

q. Supply medications classified as controlled by the DEA for the Astronaut Health Program for KSC spacecraft launch and landings.

2.3.2 Preventive Services.

The MESC Contractor shall provide a preventive medicine program to promote, maintain, and improve the physical and psychological well being of the worker in the work place. The MESC Contractor shall:

a. Provide health maintenance examinations to NASA civil service employees. The scope and schedule of these FEHP examinations shall be in accordance with KBM–ST-2.1 A and B, Medical Standards. Examinations or reasonable tests, such as serum thyroid studies and lipoprotein fractionation, may be required by the Government for designated employees;

b. Provide annual physical examinations to civil service personnel assigned to tenant organizations at KSC as identified by the Government, such as the National Park Service and Defense Contract Audit Agency. These physical examinations shall be completed according to the directives and benefits prescribed by their agency or department policies;

c. Provide OM support services to KSC workforce for official travel to include:

- Traveler briefings with up to date information on destination environmental issues and infectious outbreaks;
- Travel related medical reviews prior to authorization of overseas travel to include: identifying the need for vaccinations (such as yellow fever), providing standard immunizations (such as tetanus-diphtheria, polio, measles mumps and rubella (MMR), hepatitis A and hepatitis B), reviewing and evaluating pre-existing medical conditions, personal medications, and destination medical capabilities;
- Travel packets to employees traveling to overseas sites. Packets to contain some basic medical supplies, such as Tylenol, Band-Aids, antibiotic ointment, anti-diarrheal medication, allergy medication, throat lozenges, antacids, lip balm, and sunscreen;
- Prescriptions for malaria medications for travel to those countries that the Centers for Disease Control recommends malaria prophylaxis. OM physicians shall discuss the need for malaria prophylaxis individually with the traveler and prescribe the most appropriate anti-malarial medication;
- Information on other aspects of travel related medical concerns such as jet lag, stress, travelers' diarrhea, motion sickness, hypoxia, high altitude illness, decompression illness, and blood clots.

d. Provide a Health Education and Wellness Program in coordination with NASA-KSC medical officers, including:

- Health Education Topics
- Medical Screening
- Health Risk Reduction Counseling
- Promotion of Healthful Lifestyles

- Participation in Government-sanctioned health related support groups;

e. Provide on-site Health Training Programs for the KSC workforce to include, at a minimum, the following services:

- First aid for KSC job certification requirements;
- Job required basic life support (BLS), including cardiopulmonary resuscitation (CPR) skills per American Heart Association National Standards;
- Advanced Cardiac Life Support (ACLS) for physicians, nurses, and emergency service personnel in accordance with state and local governmental requirements;
- OSHA directed programs for physicians, nurses, and emergency service personnel and other health care providers, e.g. Bloodborne pathogen training.

2.3.3 OM Support to Solid Rocket Booster (SRB) Retrieval Ships.
The MESC Contractor shall provide medical oversight, medical logistics (medications, medical supplies and equipment) and consultative service to SRB retrieval ship personnel. The MESC Contractor Medical Director, in consultation with the Government, and in conjunction with the SRB ship Captains, shall determine which medications and items will be supplied. This will include over-the-counter medications as well as prescription items. The ship's Captains will have responsibility for storage, security, disposition, inspection, and inventory of these medications. The MESC Contractor shall conduct semiannual inventories of all ships controlled medications and supplies. Between semiannual inventories, the ship's Captains will conduct inspections of supplies and medications to determine expiration status and quality, returning any questionable supplies and medications to the MESC Contractor for verification and replacement.

2.3.4 OM Support to Non-KSC Sites.

The MESC Contractor shall provide medical personnel and support to provide emergency medical and occupational medical care to members of the Rapid Response Team and Recovery Team for space craft operations at non-KSC landing sites and to communicate with and provide liaison between the teams and local health care providers. The MESC Contractor shall provide and maintain the appropriate medications, equipment, and supplies. The MESC Contractor shall also provide, as required by the Government, medical personnel and support to other NASA Centers following a disaster or contingency. Deployment and specific composition of the support teams shall be determined in coordination with the Government on a case by case basis.

2.3.5 Medical Review Officer Services.
The MESC Contractor shall provide Medical Review Officer (MRO) services in support of NPR 3792.1B, Plan for a Drug-Free Workplace Program for NASA civil servants. The MESC Contractor shall provide a physician who is certified as an MRO qualified to interpret results of work-place drug testing. The MESC Contractor's MRO shall review all test results and shall refer any non-negative results to the NASA-KSC Medical Review Officer for final interpretation and disposition.

2.3.6 Employee Assistance Program Services.
The MESC Contractor shall provide counseling and intervention services as part of the KSC Employee Assistance Program (EAP), in accordance with KNPD 3792.1, the KSC Employee Assistance Program (EAP) Policy. The MESC Contractor shall provide Employee Assistance Program Counselors. It is the expectation of the Government that there will be more than one

EAP Counselor due to the size of the KSC workforce. The EAP shall include services related to alcohol and drug abuse prevention. The EAP shall also focus on initial management training and education in the identification and treatment of employee stress including Critical Incident Stress Management (CISM) and Critical Incident Stress Debriefing (CISD) in accordance with KNPR 3792.1, Employee Assistance Program (EAP) Psychological Support Preparedness Plan in the Event of a Disaster. These shall be followed by emphasis on a consultation, evaluation and referral approach to the services provided. The MESC Contractor shall coordinate with community health resources to maintain a KSC Disaster Mental Health Services Support Team in support of CISM and CISD activities.

2.4 Emergency Medical Services Medical Support.

The MESC Contractor shall:

a. Provide Medical Director services to oversee the emergency medical services (EMS) response. Ambulance vehicles and their staffing will be Government furnished;

b. Provide a physician to be available either on-site (KSC/CCAFS) or on-call at all times;

c. Provide ambulance medications;

d. Determine the ambulance service destination of any patient to either on-site medical facilities or to local hospitals. This determination shall be made by the on-site or on-call MESC Contractor physician or on-duty registered nurse in consultation with a physician but this determination can also be made by the responding ambulance personnel if the physician or nurse is not available with consideration to the seriousness of the patient illness or injury, closest appropriate facility, and patient request;

e. Coordinate with Fire Rescue Services provided by the Government in the provision of Triage Site and Transportation zone management and Triage Site treatment when a Triage Site is utilized for mass casualties or space vehicle contingencies;

f. Operate, manage, and staff with trained, certified personnel the KSC Triage Sites in accordance with the KSC EMS Plan;

g. Operate and stock a Triage Vehicle capable of bringing basic emergency provisions to a contingency scene;

h. Coordinate with local medical resources in the event of mass casualties or operational contingencies;

i. Provide plans that provide for coordination of medical emergencies such as epidemics, pandemics and mass casualty events;

j. Provide physician and nursing emergency medical services to include astronaut flight crew contingency care and first aid coverage for NASA guests and KSC VC visitors, during launch and landing operations;

k. Provide medical participation in KSC-medical contingency exercises and KSC-wide contingency exercises. Contingency exercise participation may require some or all of the bulleted items in this section.

2.5 Specialized Physician Support for Human Spacecraft Launches and Landings.

The MESC Contractor shall provide Specialized Physician Medical Support for launches and launch attempts and landings and landing attempts at NASA-KSC to include all medications,

supplies, and equipment. The Specialized Physician support personnel shall attend On-Site Simulations and an annual Spaceflight Medical Support Training Course. The detailed requirements are provided in Section J, Attachment J-3, Specialized Physician Support for Human Spacecraft Launches and Landings.

(Section 2.6 to be effective October 1, 2009)

2.6 Aerospace Medicine Services.

The MESC Contractor shall assist the NASA medical officers in planning, monitoring, and implementing the KSC MOSIP, and KSC EMS Plan. The MESC Contractor shall:

a. Assist in spaceflight medical operations planning and document preparation. Review the Johnson Space Center (JSC) Medical Operations Requirement Document (MORD) and ensure that the KSC MOSIP contains current MORD requirements in accordance with DRD2.6-001 Plan, Aerospace Medicine Medical Operations Support;

b. Review and maintain the KSC EMS Plan outlining the KSC response to a Shuttle medical contingency in accordance with DRD2.6-001 Plan, Aerospace Medicine Medical Operations Support;

c. Prepare medical briefing packages for each Terminal Countdown Demonstration Test (TCDT), launch and landing and Mission Reports for each human spaceflight mission accordance with DRD2.6-001 Plan, Aerospace Medicine Medical Operations Support;

d. Assist the NASA-KSC medical officers in planning, implementing, and analyzing emergency exercises, simulations and medical training;

e. Provide spaceflight medical services in accordance with the KSC EMS plan such as "EMS", "KMD", "KRN" and medical technologist as directed by the Government. In the event of an actual contingency, all MESC Contractor medical forces shall be utilized to provide medical care to ill or injured crew members, KSC workforce, guests and visitors;

f. Provide services to the JSC Flight Medicine personnel such as pre- and post-flight astronaut crew physicals, pre-flight Prime Crew Contact physicals, and medical monitoring for all Life Sciences Flight Experiments Program human experiments;

g. Maintain the physical examination facilities in the Biomedical Laboratory, the KSC Baseline Data Collection Facility, and the KSC Crew Examination Facility and provide medical care and medical monitoring as needed. The MESC Contractor shall maintain medications, medical supplies, and emergency medical crash carts located in these facilities, as well as similar medical provisions for the Crew Transport Vehicle and the portable helicopter kits;

h. Plan, arrange all logistics for, and provide teaching for the annual Spaceflight Medical Support Training Course and the NASA/DOD Space Operations Medical Support Training Course. These courses are provided to MESC physicians providing medical services under paragraph 2.5, Specialized Physician Support for Human Spacecraft Launches and Landings, medical personnel in the local community and DOD who might provide on-site medical care at KSC and/or would be likely to receive ill or injured astronauts and/or KSC workforce. This training familiarizes the participants with NASA and KSC operations and provides them with training on diagnosis and treatment of

problems peculiar to spacecraft and spaceflight (e.g., Hypergolic fuel exposures, dysbarisms, micro-gravity deconditioning). The Spaceflight Medical Support Training Course shall also include an Orientation and Security briefing. The contractor shall also provide training during "Air Doc" briefings to DOD medical personnel for human spacecraft launches and landings.

2.7 Medical Consulting Services.

The MESC Contractor shall:

a. Provide consultation services to include evaluation of the workplace to make recommendations with regard to physical examination requirements for specific jobs or generic job categories based on assessment of the demands of the job and the environment in which it is accomplished. Such evaluations also address specific health and safety concerns of the government and MESC Contractor that are unique to the job or work area and supplemented by environmental studies accomplished by Environmental Health (EH) specialists to support appropriate OM recommendations;

b. Review policies, documents, plans, and procedures as directed by the Government;

c. Support the biennial Agency Occupational Health Program review of the KSC OH Program, and subsequent development of appropriate corrective action plans;

d. Support NASA-KSC medical reviews/audits of the KSC OHP;

e. Provide other OM services as required by applicable State and Federal laws and regulations.

(Section 2.8 to be effective October 1, 2009)

2.8 Fitness Facilities.

The MESC Contractor shall staff and operate two exercise facilities at KSC. The hours of operation shall be Monday through Friday from 5:30am to 7:00pm, except MESC Contractor holidays. The MESC Contractor shall:

a. Manage and operate the Fitness Facilities and equipment, provide recommendations for new or replacement equipment and provide routine equipment maintenance;

b. Monitor the clients using the equipment to assure proper use in order to minimize the possibility of injury to the users or damage to the equipment;

c. Provide fitness assessments to facility clients, advise clients on an appropriate exercise program to help them achieve their fitness goals, and provide clients periodic updates on their fitness levels;

d. Develop and institute a plan to assure personnel who use the Fitness facilities meet the requirements established by the Government (e.g., are medical authorization for use, after hours policy);

e. Provide and promote motivational programs to improve the health of the workforce and provide training classes in various exercise areas, such as aerobics, muscle strengthening, and special fitness (e.g., abdominal classes, upper body strength).

(Section 2.9 to be effective October 1, 2009)

2.9 Musculoskeletal Rehabilitation Services.

The MESC Contractor shall provide a musculoskeletal rehabilitation program at KSC. The MESC Contractor shall provide injury assessment and rehabilitation services in order to maximize long-term recovery and reduce lost work time. Treatment is provided for occupational and non-occupational related injuries. The MESC Contractor shall:

a. Manage and operate the program's facilities and equipment, and provide maintenance of its related equipment;

b. Coordinate the program's activities and patient care with KSC Occupational Medicine and Environmental Health personnel, offsite health care providers, workers' compensation specialists, and the KSC Fitness Centers to optimize injury reduction, injury rehabilitation, and return to work;

c. Provide Certified Licensed Athletic Trainers.

2.10 Clinical Laboratories.

The MESC Contractor shall provide College of American Pathologists (CAP) certified clinical medical laboratory services. Laboratory services shall be fully accredited/certified by the State of Florida and meet all regulatory format requirements. The MESC Contractor shall:

a. Provide, at a minimum, on-site collection of medical samples, on-site laboratory services which are CLIA (Clinical Laboratory Improvement Amendments) exempt (such as urine dipstick or tablet urinalysis, fecal occult blood, blood glucose home monitoring devices); x-rays (interpreted by certified radiologist); and other tests as appropriate to support the OM and Preventive Health Programs;

b. Provide additional laboratory services, with a valid physician's prescription, to include: clotting factor studies (INR values), blood glucose (fasting blood sugar and glycosolated hemoglobin), and fasting lipid profiles;

c. Assure calibration and maintenance support for all on-site laboratory instrumentation, and maintain calibration and maintenance records for each instrument;

d. Coordinate services provided by the Government on calibration of instruments and equipment that require calibration capabilities beyond the test equipment available to the MESC Contractor technical personnel;

e. Assure that written requests to the Government-provided Calibration Laboratory for calibration of any such items are timely and properly submitted, and that appropriate records are maintained (see Section L, L.18, MESC Reference Document List, KNPR 8730.1, KSC Metrology and Calibration Procedural Requirements).

(Sections 2.10(f)-(j) to be effective October 1, 2009)

f. Operate an on-site clinical laboratory capable of supporting spacecraft (e.g., Shuttle) medical operations activities providing clinical microbiology, chemistry, hematology, urinalysis, and other specialized studies (e.g., hormonal assays via Radioimmunoassay);

g. Interface with JSC laboratory personnel in the provision of launch and landing support;

h. Provide laboratory support to NASA-KSC approved biomedical studies;

i. Perform clinical analyses on contingent clinical occupational health samples that are received from the Occupational Health Facility (OHF) at the direction of the Government;

j. Provide clinical microbiological sampling and analysis to pre-, in-, post-flight and fly back samples for the Space Shuttle, Space Station, and other human spacecraft systems.

(Section 2.11 to be effective October 1, 2009)

2.11 Biomedical Studies Support.

The MESC Contractor shall provide support and services for NASA-KSC approved biomedical studies. The MESC Contractor shall:

a. Provide expertise in grant identification, application, proposal writing and submittal;

b. Provide support in the planning, development, subject acquisition, subject qualification, test scheduling, and implementation of any NASA-KSC approved biomedical studies;

c. Provide support in data collection, medical monitoring, clinical sample collection and analysis, data analysis; and publication of any NASA-KSC approved biomedical studies;

d. Provide staff with qualifications in biomedical sciences to assist principal investigators in providing the above services;

e. Serve as a principal or co-investigator in support of approved biomedical studies at NASA-KSC as directed by the Government;

f. Provide administrative support to the KSC Institutional Review Board (IRB). This support shall consist of recording minutes of IRB meetings, and record keeping of IRB files and IRB correspondence. It is the Government's expectation that support personnel are familiar with medical terminology;

g. Provide medical and life science support to Biomedical Stress Physiology studies for the development and evaluation of advanced forms of breathing apparatus and protective clothing ensembles. The MESC Contractor shall:

- Plan, investigate, develop, support, implement, analyze data, and publish operational studies focused within the areas of workforce, ground support, and rescue crew protection, as well as evaluate new state-of-the-art technologies;
- Provide medical support for the qualification and use of human subjects during the development of advanced forms of breathing apparatus and protective clothing ensembles. After qualification, medical services shall be provided for the performance of lab, environmental chamber, and field studies as specified by the KSC Institutional Review Board;
- Provide and coordinate medical monitoring and record-keeping for all human studies supporting biomedical stress physiology investigations. It is the Government's expectation that staffing support shall include physician, nurse, and clinical laboratory specialties. The MESC Contractor shall also provide assistance with recruitment and scheduling of test subjects;
- Provide staff with qualifications in biomedical sciences who shall assist in the study of advanced protective equipment, technologies, and strategies as Principal

Investigator, and/or in collaboration as co-Investigator along with NASA Biomedical Engineering and outside agencies involved in such studies. Through such studies, contribute to the development of new equipment, technologies, and techniques to alleviate or reduce occupationally related risk inherent to the KSC workforce;

- Assist NASA studies in the areas of advanced breathing apparatus and protective clothing ensembles, heat stress mitigation strategies, grant applications, and new proposal submittals. MESC Contractor services include the purchasing of instrumentation, hardware, and supplies.

(Section 2.12 to be effective October 1, 2009)

2.12 Medical Education Program.

The MESC Contractor shall implement the KSC Medical Education Program which assists NASA in supporting its education initiatives. The MESC Contractor shall provide such services as: scheduling participants, providing lectures and tours, preparing participant evaluations, and completing checklists of program activity.

3.0 ENVIRONMENTAL HEALTH SERVICES.

3.1 Administration and General Requirements.

The MESC Contractor shall provide Environmental Health (EH) services to include Industrial Hygiene (IH), Health Physics (HP), Sanitation (SAN), associated laboratory services, and operation of associated computer management systems.

Environmental Health services shall be provided on-site at KSC and at NASA work locations on CCAFS on first shift, excluding MESC Contractor holidays. The MESC Contractor shall also respond to off-shift customer activities requiring MESC Contractor participation, to support scheduled operations and emergency response activities within two hours from notification.

Environmental Health services shall include both recurring and nonrecurring surveys at NASA civil service, NASA contractor, and NASA Tenant work locations. IH and HP surveys are also provided at local off-site locations and to NASA operations at Vandenberg Air Force Base, CA. as specified in the subsequent paragraphs.

The MESC Contractor shall ensure that work is performed in accordance with KNPR 1820.3 KSC Hearing Loss Prevention; KNPR 1820.4 KSC Respiratory Protection, KNPR 1860.1 KSC Ionizing Radiation Protection, KNPR 1860.2 KSC Non-Ionizing Radiation Protection, KNPR 1870.1 KSC Sanitation Handbook, KNPD 1800.1 Environmental Health Program, KNPD 1860.1 KSC Radiation Protection; KNPD 1800.2 KSC Hazard Communication Program, and KNPR 1840.19 Industrial Hygiene Programs (Reference Section J, Attachment J-7, MESC Compliance Document List).

The MESC Contractor shall:

a. Identify, evaluate and recommend corrective actions for health hazards and non-compliance conditions. The MESC Contractor shall analyze past data and perform trend analysis to develop exposure and hazard assessment strategies;

b. Work directly with customer organizations to develop work assignments and prioritize its resource allocation based on analysis of factors, such as hazards, operational/mission requirements, regulatory compliance, regulatory changes, and customer needs;

c. Ensure that reports to customers accurately describe the work performed, including observations, findings, and recommendations;

d. Maintain electronic document records of all written products, administrative, and operational procedures required for the implementation of it's EH functions such as internal operating procedures, reports, records of employee certification and training, fieldwork records, and other auditable activities;

e. Transition existing electronic EH data provided by the Government into a MESC Contractor provided information management system for storage of EH records and data analysis. The MESC Contractor provided information management system shall include electronic records management to inventory and track identification and abatement of exposure hazards identified in baseline and follow-up surveys. The MESC Contractor may provide either a COTS or self-developed program to satisfy the requirement;.

f. Develop and operate an EH Services web site to provide customer review of Industrial Hygiene, Sanitation, and Health Physics programs and services; online requests for hazard assessments; access to Material Safety Data Sheets (MSDS); and to provide an information resource on topical areas of EH such as heat illness prevention, to customer health and safety organizations and Center employees.

3.2 Environmental Health Consultation Services.
The MESC Contractor shall:

a. Assist in the development of Center policies, documents, designs, and plans to determine the adequacy of preventive measure and controls, and ensure compliance with applicable federal, state, local, and NASA regulations and requirements;

b. Review existing and proposed federal, state, and local regulations and NASA policies to determine applicability and potential impact on Center operations;

c. Assist in the preparation of and review of technical training materials;

d. Provide technical and administrative assistance to the Government in interfacing with regulatory agencies;

e. Participate in Agency and third party reviews and audits of the KSC EH Program, and assist in development and implementation of appropriate corrective action plans.

3.3 Emergency Response.
The MESC Contractor shall:

a. Participate in planning and response for chemical, biological, and radiological emergency activities and participate in exercises at KSC and CCAFS (such as Hazardous Material Incidents and hurricane response and recovery). MESC Contractor participation in local community response activities shall be in accordance with mutual aid agreements (Reference Section L, paragraph L.18, MESC Reference Document List). Special requirements for planning and response to Major Radiological Source Launches are described in PWS Section 3.6.;

b. Provide a 24-hour on-call response capability;

c. Participate in KSC Rapid Response Teams and recovery teams for space craft operations at remote locations and disaster support to other NASA centers. Deployment and specific composition of the team shall be determined in coordination with the Government on a case by case basis;

d. Provide and maintain the appropriate equipment and supplies for emergency response activities.

3.4 NASA KSC Industrial Hygiene (IH) Program.

The MESC Contractor shall provide comprehensive IH Services to NASA civil service and contractor organizations at KSC and CCAFS facilities and at off-Center locations within 75 miles of the Center. The MESC Contractor shall provide annual facility site inspection and on-site consultation to NASA operations at VAFB, as required by the Contracting Officer. *(Note: The MESC Contractor will not be expected to travel to VAFB more than twice a year).*

The MESC Contractor shall assist the NASA Industrial Hygiene Officer in managing the NASA-KSC Industrial Hygiene Program, such as performance of assessment of Center risks, analysis of data and trend analysis to develop exposure and environmental assessment strategies, impact of new regulations and technologies, assessment of NASA and NASA contractor IH-related program elements, oversight of technical training materials and new course content, and the development of Center IH program policy.

IH work shall be under the technical direction of certified Industrial Hygienist(s). The MESC Contractor shall:

a. Interface with NASA Safety and other NASA organizations and support IH program functions applicable to NASA civil service employees to include implementation of ergonomics programs and management of hazardous materials used in NASA shops and labs;

b. Work with Occupational Medicine to identify Homogeneous Exposure Groups and provide employee exposure monitoring data, including individual monitoring results, for incorporation into employee medical records;

c. Provide MSDS record entry and management for the Government-provided KSC MSDS management system. The system provides Centerwide access to all MSDS maintained in the MSDS database and for any new MSDS submitted by NASA or its contractors and tenants. The MESC Contractor shall publish a KSC index of MSDS quarterly;

d. Provide baseline and follow-on health hazard assessments of operations and procedures, including construction activities for chemical and physical hazards. The MESC Contractor shall schedule surveys in coordination with customers. Conduct follow-on surveys at least annually when baseline data show significant potential for exposures to hazardous agents; when the customer identifies any process or operational changes that may affect the potential or type of exposure; or as required by OSHA regulation;

e. Investigate reported employee exposures to hazardous materials following employee visits to OH facilities within 24 hours;

f. Investigate workforce complaints of potential workplace hazards and coordinate with the affected employee and the appropriate organizations to resolve issues where appropriate;

g. Chair the KSC Indoor Air Quality (IAQ) Working Group, the KSC Ergonomic Working Group, and the KSC Respiratory Protection Panel;

h. Provide IH consultation and atmospheric testing for confined space entry operations;

i. Provide IH services to launch, landing, and processing operations such as downwind monitoring of hypergolic propellant transfer operations, hypergolic propellant storage area open-up, oxygen deficiency monitoring and launch pad safing operations;

j. Perform sampling and analysis of air contaminants associated with hazardous operations and processes using both real time and time-weighted-average sampling methods;

k. Perform annual inspections of NASA civil service work locations at KSC, CCAFS and VAFB to identify potential health risks/hazards or vulnerabilities in accordance with 29 CFR 1960;

l. Implement an exhaust ventilation system testing program to include an inventory of all ventilation systems used to control hazardous air contaminants generated by hazardous operations and processes;

m. Implement a breathing air system testing program, to include an inventory of, testing, and permitting of all KSC/CCAFS-operated compressor-supplied breathing air systems and inspections and testing of supplied air to meet OSHA, and NASA requirements;

n. Provide expert consultation in confined space hazard assessment; manage the KSC inventory of confined spaces; perform hazard confined space hazard assessments, provide recommendations and requirements for confined space entry and work, and perform atmospheric monitoring in support of confined space entry operations;

o. Provide expert consultation in heat illness prevention; perform heat illness hazard assessments; provide Center-wide notification of heat stress conditions;

p. Provide expert ergonomic consultation; conduct musculoskeletal disorder (MSD) hazard assessments; and operate a loaner program for ergonomic furniture and accessories;

q. Provide expert consultation in respiratory protection and deployment of emergency use respirators; and perform hazard assessment of air contaminants;

r. Provide expert consultation in noise hazard assessment and hearing loss prevention; assess noise hazards, engineering controls and hearing protection; coordinate a "Buy Quiet" program;

s. Provide expert consultation on indoor air quality (IAQ); investigate IAQ complaints and identify potential causes; coordinate with affected employees and their employers, and appropriate organizations to resolve issues where appropriate;

t. Provide services to the KSC asbestos management operations to include:

- At least one licensed Asbestos Consultant;
- Bulk sampling and analysis of suspect Asbestos Containing Materials (ACM) to support scheduled on-going construction and operations and maintenance work;

- Inspections to identify suspect ACM; risk analysis of scheduled facilities operations and maintenance where ACM is present; assessment of written asbestos abatement procedures; pre-abatement inspections; surveys and audits of asbestos abatement operations; clearance level air monitoring for abatement projects; and provide asbestos abatement monitoring support to NASA and NASA contractor construction activities;
- Provide data for the update of the KSC Facility Asbestos Management System;
- Coordinate directly with NASA and contractor facilities management organizations responsible for management of Construction of Facilities (CofF) and other facility maintenance activities requiring work with ACM;

u. Provide environmental microbiology testing of air, surface and water samples as required to support, facilities management (IAQ, cooling towers, potable water sources, dairy products, sewage plants);

(Section 3.4(v) to be effective October 1, 2009)

v. Provide environmental microbiology testing to support spacecraft operations, research projects, and environmental programs.

3.5 Sanitation and Public Health.

The MESC Contractor shall provide services, which include surveillance and inspections, to evaluate compliance with KNPR 1870.1, KSC Sanitation Handbook, and federal, state, and local laws and regulations for issues related to sanitation and public health. The MESC Contractor staffing shall include registered sanitarians as well as personnel who have been certified by the United States Food and Drug Administration (FDA) in food service inspection. Services shall include:

a. Sanitary surveys of food service facilities (including preparation sites, storage areas, mobile canteens, and vending machines), day care operations, barber shops, recreation facilities and exercise facilities, launches, special events, and the KSC Astronaut crew quarters;

b. Testing of bottled water at KSC facilities where this is the sole drinking water source;

c. Inspection of animal care facilities;

d. Inspection of chemical toilets;

e. Investigations of disease vectors;

f. Identification of training and certification requirements in the aspects of food service sanitation for all food service employees; these training requirements shall be identified for NASA-KSC contractors;

g. Consultation to the Government and it's contractors in fulfillment of their federal and state regulatory obligations/compliance;

h. Specialized investigative, sampling and analysis, and advisory support to real-time incidents, and/or complaints to include food borne illness investigations, potable water incidents, and disease vector reports;

i. Coordination of food recalls to affected organizations at KSC facilities;

j. Provide specialized consultation to Center food service operators on the development and maintenance of Hazardous and Critical Control Point (HACCP) plan development and implementation;

k. Investigation of animal bite incidents to ensure appropriate treatment of victim, and coordination with appropriate local authorities.

l. Interface with the Florida State Regulatory Agencies and the Department of Professional Regulation for licensures, certification, and maintenance.

3.6 Health Physics (Radiation Protection).

The MESC Contractor shall provide comprehensive Health Physics Services to NASA civil service and contractor organizations at KSC and CCAFS facilities and at off-Center locations within75 miles of the Center. The MESC Contractor shall provide annual facility site inspection and on-site consultation to NASA operations at VAFB, as required by the Contracting Officer. *(Note: The MESC Contractor will not be expected to travel to VAFB more than twice a year).*

The MESC Contractor shall assist the NASA Radiation Protection Officer (RPO) in managing the KSC Radiation Protection Program including assessment of Center risks, analysis of data and trends, impact of new regulations and technologies, maintenance and compliance with the requirements of the KSC Nuclear Regulatory Commission broad scope license, and the development of Center Radiation Protection Program policy.

The MESC Contractor shall provide the following services:

a. Assessment of personnel hazards in all NASA and NASA contractor radiation use areas at KSC, and NASA facilities at VAFB;

b. Maintenance of a current inventory (to meet regulatory requirements) for all identified radiation sources and radiation producing devices in use or in storage at KSC, and NASA facilities at VAFB;

c. Performance of radiation surveys, evaluations, sampling, analysis, and audits as directed by the RPO to ensure compliance with NASA requirements and applicable state and federal regulations;

d. Maintenance of equipment for use in performing field surveys and analysis of ionizing and non-ionizing radiation hazards;

e. Management of the KSC personnel ionizing radiation dosimetry program for radiation workers requiring dosimetry. Identify personnel to be monitored, issue appropriate dosimeter, assess and assign radiation dose, and maintain exposure histories as required by applicable regulations. Provide technical expertise and support for special dosimetry applications;

f. Processing of Radiation Use Requests (RURs) and associated documents, and drafting of Radiation Use Authorizations (RUAs) for appropriate RPO approval for all potentially hazardous radiation sources and devices in accordance with KNPR 1860.1, KSC Ionizing Radiation Protection Program and KNPR 1860.2, KSC Nonionizing Radiation Protection Program.

g. Collecting, monitoring and storing low-level radioactive waste, and maintain and operate a dedicated storage area for material awaiting disposal or transfer;

h. Advising NASA personnel and KSC contractors on compliance with federal and state regulatory requirements;

i. Providing radiation monitoring assistance to the Brevard County Emergency Operations Center when directed by the KSC RPO;

j. Maintaining appropriate State of Florida and United States Nuclear Regulatory Commission (USNRC) licenses and registrations as referenced in the Section L, L.18, MESC Reference Documents List for radioactive materials and radiation producing machines; and participate in federal and state inspection visits;

k. Providing a Health Physics representative to the NASA/KSC Radiation Protection Committee (RPC) meetings who will also record the minutes and maintain official copies of RPC meeting minutes;

l. Participating in ground processing of major radiological source payloads. MESC Contractor participation shall include:

- Reviewing spacecraft radiation source integration procedures;
- Providing health physics coverage at storage, payload processing, and launch pad facilities as needed with radiation monitoring;
- Preparing Radiation Use Authorizations and providing ancillary radiation worker training;
- Providing non-routine radiation dosimetry service for workforce temporarily assigned to ground processing and;
- Preparing Dose Assessment Management Plans to forecast worker radiation dose based on time and motion studies of proposed spacecraft source integration activities.

m. Participating in radiological contingency planning and operations for major radiological source payloads. The MESC Contractor shall:

- Provide radiological contingency planning support to the KSC Radiation Protection Officer in the development of contingency plans and procedures;
- Staff the radiological contingency field team and Radiological Control Center;
- Supply field team kits with routine radiation monitoring equipment and supplies including specialized equipment provided by the Department of Energy for major source launches.

3.7 Environmental Health Laboratories.

The MESC Contractor shall ensure that comprehensive EH laboratory services are provided. Laboratory services can be provided on-site or off-site. In addition, the MESC Contractor shall:

a. Ensure analyses of samples for Industrial Hygiene are performed by laboratories certified by the American Industrial Hygiene Association;

b. Provide Polarized Light Microscopy (PLM) evaluation of bulk materials that contain or are suspected of containing asbestos; the asbestos PLM turnaround time will be 10

working days, and the analytical laboratory shall be accredited by the National Institute of Standards and Technology/National Voluntary Laboratory Accreditation Program to analyze asbestos by PLM. The MESC Contractor shall ensure a follow-on evaluation of questionable bulk samples by other appropriate analytical techniques;

c. Provide analytical services for Phase Contrast Microscopy (PCM) in accordance with AHERA or per industry practices, and conduct follow-up analysis of questionable samples and final asbestos abatement air samples. PCM turnaround time for asbestos abatement clearance samples shall be 24 hours;

(Section 3.7(d) to be effective October 1, 2009)

d. Provide environmental microbiology laboratory analyses for bacteriological and mycological assays as well as real-time tests for pH, conductivity, chlorine, Iodine, and dissolved gases in the areas of environmental, facilities (including the Center's potable water system), and spacecraft-specific microbiology. The MESC Contractor shall ensure the laboratory meets certification by the State of Florida Department of Rehabilitative Services and other Florida State certifications;

e. Maintain and operate an onsite health physics laboratory in accordance with applicable U.S. Nuclear Regulatory Commission (USNRC), State of Florida, and other consensus standards, with the following analytical capabilities:

- Low level alpha/beta counting capable of detecting less than 0.005 microCuries of radioactive material;
- Gamma spectroscopy analysis with portable field data collection capability; and
- Liquid scintillation analysis capability;

f. Ensure calibration and maintenance support for all MESC laboratory and field instrumentation and maintain calibration and maintenance records for each instrument. The MESC Contractor shall coordinate with the KSC base support contractor on calibration of instruments and equipment that require calibration capabilities beyond the test equipment available to the MESC Contractor technical personnel. The MESC Contractor shall assure that written requests to the Calibration Laboratory for calibration of any such items are timely and properly submitted, and that appropriate records are maintained (see Section L, paragraph L.18, MESC Reference Documents List, KNPR 8730.1 Metrology and Calibration Procedural Requirements).

3.8 Training, Certifications, and Licensure.

The MESC Contractor shall ensure that:

a. Industrial hygienist(s) providing technical direction are certified by the American Board of Industrial Hygiene;

b. Asbestos Consultant(s) are licensed in the State of Florida;

c. Industrial hygienists working under the direction of the licensed asbestos consultant meet the State of Florida asbestos training requirements;

d. IH staff members who oversee technical specialty program areas such as hearing conservation and ergonomics possess recognized technical certifications or a combination of five years of relevant education and experience for those areas of expertise;

e. Registered sanitarians are accredited by the National Environmental Health Association and have been certified by the United States Food and Drug Administration (FDA) in food service inspection;

f. Environmental Microbiology staff have a 4 year degree in a biological science, preferably in Microbiology;

g. At least one health physicist has American Board of Health Physics (ABHP) certification (comprehensive practice) or an equivalent level of training, education, and experience. At least one employee with certification from the Board of Laser Safety as a Certified Laser Safety Officer or an equivalent level of training, education, and experience. Each professional and technical member of the Health Physics staff shall be National Registry of Radiation Protection Technologist (NRRPT) certified or possess an equivalent level of training, education, and experience.

4.0 ENVIRONMENTAL SERVICES.

4.1 Administration and General Requirements.

Environmental services shall be provided on-site at KSC and at NASA work locations on CCAFS on first shift, excluding MESC Contractor holidays. The MESC Contractor shall also respond to off-shift customer activities requiring MESC Contractor participation, to support scheduled operations and emergency response activities within two hours from notification.

The MESC Contractor shall provide administrative and technical services to maintain and update NASA policies, plans, procedures and guidelines (such as KNPR 8500.1, KSC Environmental Requirements).

The MESC Contractor shall coordinate the semiannual review and update of the KSC Spill Prevention Control and Countermeasures (SPCC) Plan (KSC-PLN-1919, Spill Prevention Control and Countermeasures Plan and KSC-PLN-1920, Appendix B: KSC Site Specific SPCC Plans) as follows:

a. Request changes and updates to the KSC SPCC Plan every six months to all KSC contractor and tenant organizations;

b. Document administrative and technical modifications to the KSC SPCC Plan by modifying the KSC SPCC Database (provided by the government) for all KSC contractor and tenant organizations;

c. Incorporate changes for all KSC contractor and tenant organizations to the KSC SPCC site-specific maps using the KSC Geographic Information System (GIS);

d. Provide Plan amendments to the government in PDF format every six months.

4.2 Training, Certification, and Licensure.

The MESC Contractor shall ensure that:

a. Visible emissions evaluators are certified by the State of Florida;

b. Professional Geologist(s) and Professional Engineer(s) are licensed by the State of Florida;

c. Qualified archeologist is recognized by the State of Florida as set forth in Chapter 1A-46.004, Florida Statutes, "Criteria for Qualifications for Archaeologists";

d. Qualified Architectural Historian is as set forth in "Archaeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines" (Federal Register, 1983, Vol. 48, No. 190, pp. 44738-44739)).

4.3 Consultative Services.

The MESC Contractor shall provide the following:

a. Consultative and advisory services in the areas of Section 4.0 of this PWS to the Government and Government contractors and tenants in fulfillment of their federal and state and local regulatory obligations/compliance;

b. Technical support to meet mission and environmental permit and regulatory requirements as well as environmental permit and requirements development;

c. Professional engineering services to include the review, sign and sealing of environmental permits in support of the NASA-KSC Environmental Program Branch such as the KSC Treatment Storage and Disposal Facility (TSDF) Resource Conservation and Recovery Act (RCRA) permit modifications and renewal, KSC's Clean Air Act Title V Air Permit modifications and renewal, and modifications to KSC's Spill Prevention Control and Countermeasures Plan. The MESC Contractor will not be required to sign and seal permit applications for KSC construction projects and modifications;

d. Evaluation of environmental training classes provided by the Government, such as Hazardous Waste Management, Universal Waste Management, and Spill Prevention Control and Countermeasures Plan;

e. Prepare reports and forms for response to regulatory and permit driven requirements as described in Section 4.0 of this PWS. Individual report due dates will be provided based on the direction of the CO and COTR.

4.4 NASA-KSC Environmental Program Branch (EPB) Support.

The MESC Contractor shall provide the following technical services to the Government in support of the environmental management program at KSC:

4.4.1 Surveillance Services.

The MESC Contractor shall perform inspections of operations and construction sites and provide the Government environmental personnel with written documentation of findings. The inspections are intended to be spot checks of all contractors and tenants operating at KSC and are part of the Government's oversight strategy for ensuring environmental compliance at KSC. (Note: The MESC contractor will not be providing compliance assistance to all contractors and tenants at KSC as part of this WBS.) In order to perform surveillance inspections, the MESC Contractor shall provide personnel with subject matter expertise in the following environmental media such as:

- Hazardous and Controlled Waste
- Stormwater
- Septic tanks

- Potable water
- Domestic waste water
- Industrial waste water
- Air permitting
- Polychlorinated biphenyls (PCB) record keeping and management
- Pesticides
- Solid Waste
- Registered Storage Tanks
- Spill Prevention Control and Countermeasures Requirements

4.4.2 Environmental Support for Construction.

The MESC Contractor shall provide environmental technical expertise to construction projects through all phases of project construction (i.e., project concept, Preliminary Engineering Report, engineering design, contract preparation and project construction phases). The MESC Contractor shall perform the following tasks:

a. Assist the project manager and/or their contractor Architect and Engineer (A&E) in the preparation of KSC Environmental Checklist (see Section L, L.18, MESC Reference Documents List) identifying potential environmental compliance requirements related to the project;

b. Participate at design review and pre-work meetings to ensure that environmental requirements, per the KSC Record of Environmental Consideration (REC), are communicated to A&E and construction contractors. This includes review of designs, providing comments, coordinating between the NASA Project Manager and the NASA Environmental Program Branch, and building of pre-work work packages to further document environmental requirements;

c. Review Government construction contract packages for the applicability of KSC environmental clauses;

d. Review and track KSC dig permits (KSC Form 26-312NS) and "KSC Siting" requests for potential environmental impacts (see Section L, L.18, MESC Reference Documents List);

e. Track the environmental requirements for each project assigned and track the transfer of data between the NASA Project Manager and the Environmental Program Branch;

f. Provide routine field consultation on the technical aspects of environmental requirements such as waste management and storm water pollution prevention plans. Monitor field compliance with NASA and regulatory requirements and best management practices.

4.4.3 National Environmental Policy Act (NEPA) Services.

The MESC Contractor shall provide technical support to the Government in the preparation and review of NEPA documentation as follows:

a. Review incoming KSC Environmental Checklists, coordinate with the appropriate NASA subject matter experts, and prepare KSC Records of Environmental Consideration (REC) (see Section L, L.18, MESC Reference Documents List);

b. Maintain, administer and update the KSC Environmental Checklist Database;

c. Annually review and update the KSC Environmental Resources Document (ERD) for minor changes. Revise the ERD every five years;

(Section 4.4.3(d) to be effective October 1, 2009)

d. Provide technical review of NEPA documents as directed by the Government;

e. Assist the Government in the preparation of Environmental Assessments (EA) and Environmental Impact Statements (EIS). ***(Note: It is the government's expectation that this work will be subject to future operations and funding sources. This will be handled as an unpriced CLIN# on the contract.)*** Specifically:

- Prepare Notices of Intent;
- Prepare public meeting materials;
- Support public meetings;
- Conduct field surveys;
- Conduct impact analyses and prepare mitigation plans;
- Prepare draft and final documents, including printing;
- Maintain appropriate Administrative records;
- Prepare draft Findings of No Significant Impact (FONSI) and Records of Decision (ROD).

4.4.4 Energy Program Services.

The MESC Contractor shall support the KSC Energy Manager with the following:

a. Administer, maintain and update the Automated Utility Database Reporting & Information System (AUDRIS) as required by changes in the KSC Energy Program. Changes may be the result of new energy laws, changes in reporting requirements, or improved capability of AUDRIS;

b. Track and report energy audits being performed by KSC Programs at all KSC facilities;

c. Update the KSC Energy Metric quarterly based on information provided in the Energy Utilization and Consumption Report (EUCR) and/or in AUDRIS;

d. Update the KSC Energy Management Five Year Plan to reflect changes in energy regulations, energy goals, and changes taken place within KSC Programs that will impact energy consumption;

e. Analyze energy data and generate respective charts, as required by KSC Energy Manager;

f. Provide technical and administrative support to the KSC Energy Working Group.

4.4.5 Air Program Services.

The MESC Contractor shall provide personnel with subject matter expertise in Air Quality permitting and compliance and support the NASA-KSC Environmental Program Branch activities associated with the Air Program. The MESC Contractor shall provide services for the

Center-wide air permitting program such as regulatory interpretation and policy development; air permitting and operational consultations; permit preparation, renewals and maintenance; annual permit reporting requirements; risk management plan updates and audits.

(Section 4.4.6 to be effective October 1, 2009)

4.4.6 Remediation Program Services.
The MESC Contractor shall provide technical services to the NASA-KSC Remediation Group in the EPB. The MESC Contractor shall perform the following tasks:

a. Production of maps and figures from KSC's GIS required for remediation projects/reports. Personnel performing these services shall be proficient in GIS software identified in PWS Section 4.8;

b. Assist remediation managers in the management of project documentation;

c. Manage investigative derived wastes generated by remediation contractors in accordance with KNPR 8500.1, KSC Environmental Requirements;

d. Perform quarterly site inspections for compliance with land use controls;

4.4.7 Cultural Resources Services.

4.4.7.1 Historic Property Management.
The MESC Contractor shall conduct specific historic property management studies as directed by the Government, such as performing ad hoc cultural resources surveys and analysis to include performing field surveys of historic properties to determine their integrity, performing records (photo and engineering drawing files) searches to support historic property reviews, inspect work sites to ensure Historic Property integrity is maintained during facility modifications and conduct interviews. The MESC Contractor shall annually update the KSC Cultural Resources Management Plan (CRMP).

4.4.7.2 Archeological and Historic Property Surveys.
The MESC Contractor shall conduct archeological and historic property surveys, as required by the Government. ***(Note: It is the government's expectation that archeological and historic property surveys will be subject to future operations and funding sources. This will be handled as an unpriced CLIN# on the contract.)*** Activities include:

a. Phase I, II and III archeological surveys conducted by a qualified archeologist;

b. Historic Property surveys conducted by a qualified Architectural Historian;

c. Coordinate archeological and historic survey results with the Florida State Historic Preservation Office (SHPO);

d. Prepare mitigation plans for historic properties adversely affected by NASA activities;

e. Conduct mitigation actions including:

- Preparation of Historic American Buildings Survey (HABS)/Historic American Engineering Record (HAER) documentation;
- Develop final mitigation reports;
- Develop educational materials regarding historic properties.

4.5 Hazardous and Controlled Waste.

4.5.1 Hazardous and Controlled Waste Management.

The MESC Contractor shall provide hazardous and controlled waste management (Reference Historical Hazardous Waste Information in Section L, L.18, MESC Reference Document List) for the Government and KSC tenants and contractors on KSC and CCAFS to include:

a. Waste characterization services. The MESC Contractor shall:

- Provide waste characterizations for the Government and NASA-KSC contractor and tenant organizations on KSC and CCAFS on a routine and emergency basis, using the existing Process Waste Questionnaire (PWQ)/Technical Response Package (TRP) process (Section L, L.18, MESC Reference Document List), to determine if wastes generated at KSC are hazardous or controlled wastes in accordance with applicable federal regulations and to determine the proper method of disposal for those wastes (e.g., off-site disposal, recycling, on-site disposal in a Federally Owned Treatment Works (FOTW));
- Maintain a database of all waste characterized and disposed of under NASA's Environmental Protection Agency (EPA) ID number;
- Review and update established Waste Determinations as needed to meet regulatory requirements or changes in handling requirements. Provide NASA waste generators an updated waste determination as required;
- Respond to a routine waste characterization within 14 workdays from the date of request;
- Respond to an emergency waste characterization within one workday from the date of request.

b. Provide Industrial Wastewater Discharge Authorization for use of the KSC domestic waste water system for industrial waste water disposal using the existing PWQ/TRP process. The MESC Contractor shall coordinate pre-treatment standards and authorizations with the Air Force's contractor responsible for the operation of the Cape Canaveral Air Force Station domestic wastewater plant. The MESC Contractor shall ensure that only those discharges that meet pre-treatment standards and authorizations are allowed to be discharged into the KSC domestic waste water system;

c. When provided by the Government, operate a less than 90 day accumulation site for NASA-KSC Construction of Facilities projects;

d. Operate the NASA-KSC Treatment, Storage and Disposal Facility (TSDF) and PCB storage facility ensuring compliance with permit conditions;

e. Work with onsite contractors and Government subject matter experts to explore, communicate and maintain options for less than 90 day treatment;

f. Pick-up services for hazardous and controlled wastes. The MESC Contractor shall:

- Provide routine and emergency pick-up services for hazardous and controlled wastes generated at KSC and NASA facilities on CCAFS. Controlled wastes include materials which cannot be disposed as domestic sewage or without constraints in a Resource Conservation & Recovery Act (RCRA) Subtitle D Landfill. Radioactive

materials, bulk hypergolic fuel wastes and sanitary wastes are excluded from support under this WBS;

- Deliver to and manage hazardous and controlled waste at the NASA-KSC TSDF until off-site shipment;
- Use the existing Waste Support Request process (Reference Section L, L.18, MESC Reference Document List);
- Respond to routine pickup/removal requests within 10 calendar days from the time the request was received;
- Respond to emergency pickup/removal requests within 2 hours from the time the request was received;
- Ensure packaging, labeling, marking and manifesting of waste containers to be removed are in accordance with applicable US Department of Transportation (DOT) and RCRA regulations prior to removal from the generating site;
- Ensure hazardous waste destined for delivery to the on-site TSDF meet all permit requirements including the waste codes allowed to be stored;
- Use existing "internal" manifesting system to document all on-site movement of hazardous and controlled waste.

g. Provide pick-up services for drums of dilute hypergolic fuel wastes for delivery to Fuel Storage Area #1 (Building 1047) for consolidation, treatment and/or disposal by the KSC base support contractor;

h. Provide pick-up and disposal services for biomedical waste;

i. Provide pick-up and disposal services of waste alodine from all waste alodine tanks or containers at KSC;

j. Provide pick-up, management, and recycling services for used oil, oily waste water and petroleum products, universal wastes, shop rags, coolant and other waste streams. *(Note: It is the government's expectation that the MESC Contractor will seek out opportunities for recycling for these types of waste streams)*;

k. Pickup and crush empty drums at the TSDF generated by the Government and NASA-KSC contractor and tenant organizations on KSC and CCAFS. Palletize, shrink-wrap, and turn-in for scrap metal recycling crushed drums that can be recycled;

l. Provide off-site treatment or disposal of hazardous and controlled waste. The MESC Contractor shall:

- Provide off-site disposal of hazardous and controlled wastes including wastes generated at the Fuel Storage Area #1 (Building 1047) requiring off-site disposal;
- Complete waste profiles required by the off-site TSDF;
- Ensure packaging, labeling, marking and manifesting of wastes are in accordance with applicable Department of Transportation (DOT) and RCRA regulations prior to off-site shipment of wastes for treatment or disposal;
- Sign manifests for off-site disposal.

m. Provide guidance, authorization and tracking for on-site disposal services for hazardous wastes (e.g., propellant related waste) that include:

- Interpretation of regulation and regulatory guidelines applicable to hazardous waste disposal on-site (e.g. FOTW) to determine if specific waste streams qualify for on-site disposal;
- Maintaining a written record of the determination;
- Communication to the Government of any potential regulatory notifications (including one-time notices) as they are required for on-site treatment/disposal of hazardous waste;
- Providing authorization of on-site treatment;
- Maintaining records of dates and quantities disposed/treated and providing to the Government an annual report, in accordance with DRD4.5.1-001 Report, KSC On-site Hazardous Waste Disposal, of the types and quantities of hazardous wastes disposed/treated on-site that the MESC Contractor authorized for disposal.

n. Maintain NASA-KSC waste management records, prepare RCRA biennial report for the Government, and provide assistance for all internal and external waste management inspections;

o. Provide at least one Certified Hazardous Materials Manager;

p. Provide a quarterly waste management report, in accordance with DRD4.5.1-002 Report, KSC Waste Management, to the Government to support Center Metrics;

q. Provide an annual report in the form of three Excel spreadsheets for transfer of NASA-KSC hazardous waste disposal information into the NASA Environmental Tracking System (NETS) in accordance with DRD 4.5.1-003 Report, NETS Hazardous Waste Data Call;

r. Provide EPA ID numbers and copies of all required permits for off-site hazardous and controlled waste transporters and TSD facilities in accordance with DRD 4.5.1-004 Report, Off-site Hazardous Waste Transporters and Facilities.

4.5.2 Post-Emergency Spill Clean-up.

The MESC Contractor shall provide post-emergency spill clean-up, decontamination, neutralization, and disposal of wastes generated from clean-up activities at KSC and NASA operations at CCAFS with the exception of domestic waste water spills. The MESC Contractor shall provide 24 hour, 7 day a week on call response. The MESC Contractor shall interface directly with NASA-KSC emergency response personnel on hazardous material incidents. Post-emergency spill clean-up shall commence within one work day of notification. The MESC Contractor shall provide spill response for releases to both land and water. The MESC Contractor shall also perform mercury spill cleanup under the direction of Environmental Health. If the cleanup requires heavy-equipment or additional support the MESC Contractor shall coordinate with the KSC base support contractor or an outside vendor. The MESC Contractor shall notify the Government of the status of clean-up actions.

4.6 Environmental Sampling, Analysis and Monitoring (ESAM) Program.

4.6.1 Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM).
Provide Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM) services. Evaluate permit and/or regulatory compliance requirements for facilities covered by site specific monitoring plans. Parameter analytical data shall be maintained for each site. Generated parameter data shall be submitted on the appropriate permit analytical report form. Evaluate environmental monitoring data to identify trends in environmental quality and environmental compliance and preparation of associated reports. ECSAM services shall include the development and implementation of sampling, analysis and monitoring requirements for items such as the following:

- Potable water supplies (Note: As the operators of the potable water system, the ISC will perform monthly microbiological compliance sampling and reporting. All other chemical compliance sampling will be performed by MESC (e.g. TTHMs, HA005, lead and copper, asbestos);
- Limited Use Wells;
- Air pollution sources;
- Surface water, and groundwater;
- Storm water;
- Industrial waste water;
- Sediment, soil and sludge;
- Underground and Aboveground storage tanks.

4.6.2 Waste Characterization Sampling.
The MESC Contractor shall provide waste sampling and analysis services for analysis of potentially hazardous or controlled wastes. The MESC Contractor shall provide a customer request process for waste sampling services on a routine and emergency basis. The sampling for a routine request shall be performed within 5 workdays from date of request. The sampling for an emergency request shall be performed within 2 hours from time request was received. Analysis for routine requests shall be provided within 14 days from sampling date. Analysis for emergency requests shall be provided within 72 hours from sampling date.

4.6.3 RCRA Corrective Action Sampling and Support.
(Note: This does not include the implementation of RCRA Facility Investigations, Corrective Measures Reports, Statements of Basis, Corrective Measures Implementation Design, and Corrective Measures Implementation. It is the Government's expectation this effort will be coordinated with other on-site contractors performing RCRA Corrective Action work.) Support shall include:

a. Assisting the Government in the identification of Potential Release Locations (PRLs). (term used at KSC for potentially contaminated sites);
b. Generating Solid Waste Management Unit (SWMU) Assessment Reports by conducting background investigations and personnel interviews, and reviewing facility drawings and records;
c. Developing Confirmatory Sampling Work Plans;

d. At the direction of the Government, implementing sampling in accordance with Confirmatory Sampling Work Plans;

e. Presenting and discussing findings with the KSC Remediation Team;

f. Drafting Confirmatory Sampling Report preparation and submittal;

g. Preparing, certification by a Professional Engineer or Professional Geologist and submit final reports.

4.6.4 Investigative Environmental Services.
The MESC Contractor shall provide the following services:

Specialized investigative, monitoring, sampling and laboratory analysis, and advisory support to real-time requests, incidents, and/or complaints, such as:

- Drinking water complaints;
- Potable water line breaks;
- Potable water construction line monitoring;
- KSC Visitor's Center Water Features;
- KSC Retrieval Ships potable water;
- Domestic waste water effluent;
- Operational investigations;
- Evaluation of environmental monitoring data to identify trends in environmental quality and;
- Spill response locations.

4.6.5 Operational ESAM Requirements.
The MESC Contractor shall:

a. Maintain sampling equipment in a certified, calibrated, ready to support posture;

b. Utilize Florida Department of Environmental Protection (FDEP) Standard Operating Procedures;

c. Perform visible emissions evaluations;

d. Develop and maintain sampling and analytical procedures;

e. Conduct sampling and analysis activities in accordance with sample chain of custody documentation and control as documented in the FDEP Standard Operating Procedures.

f. Develop, maintain and coordinate an environmental compliance sampling plan annually with NASA-KSC EPB and update as required as sampling requirements are added or changed. Plan shall include sampling locations, frequency, analytes, and required sampling protocols. Plan shall include potable water operational samples being performed by the operators of the drinking water system;

g. Prepare and provide to the Government laboratory analysis reports documenting sample history, analytical results versus specification limits by sample control number and maintaining records in accordance with regulatory and quality requirements;

h. Provide in-field analytical tests such as moisture, pH, conductivity, dissolved oxygen, temperature;

i. Maintain capability to provide Rapid Quantitative Determination on the potable water system;

j. Provide at least one registered Professional Geologist on staff.

4.6.6 Environmental Laboratory Analysis.
The MESC Contractor shall ensure that comprehensive environmental laboratory services are provided. Laboratory services can be provided on-site or off-site. Laboratory services shall be fully accredited/certified by the State of Florida per DOH 64E-1 and meet all regulatory format requirements. In addition, the MESC Contractor shall ensure that all other accreditations/certifications required for laboratory operations are maintained. Waste characterization analysis shall be performed per EPA Solid Waste Manual SW 846.

The MESC Contractor shall operate and maintain laboratories for receipt, preparation and storage of field samples. The MESC Contractor shall handle all samples with positive identification and labeling and shall store them under appropriate conditions.

The MESC Contractor shall provide a microbiological services laboratory providing human bacteriological assays in the area of environmental for facilities, including the Center's potable water system (Note: The ISC will be responsible for monthly microbiological sampling and reporting. Analysis of the ISC samples shall be provided by the MESC Contractor upon request.). The MESC Contractor shall ensure that this laboratory meets certification by the State of Florida Department of Rehabilitative Services and other Florida State certifications. Sample results shall be made available to the requester within 48 hours of receiving the sample.

Equipment Calibration and Maintenance Requirements: The MESC Contractor shall:

a. Assure calibration and maintenance support for all laboratory instrumentation, and shall maintain calibration and repair reports for each instrument;

b. Coordinate with the KSC Calibration Laboratory on instruments and equipment that require calibration capabilities beyond the test equipment available to the MESC Contractor technical personnel;

c. Assure that written requests to the KSC Calibration Laboratory for calibration of any such items are timely and properly submitted, and appropriate records are maintained (see Section L, L.18, MESC Reference Documents List, KNPR 8730.1, KSC Metrology and Calibration Procedural Requirements).

(Section 4.7 to be effective October 1, 2009)

4.7 Ecological Monitoring Program Services.
The MESC Contractor shall support the ecological program at KSC. The goals of the ecological program are to both ensure that NASA-KSC operations are conducted in compliance with Federal and State Regulations, Executive Orders, and NASA policies, as well as to ensure that activities at KSC have minimal adverse impacts on local and regional natural resources. The MESC Contractor's role will include operations support, maintaining and updating long term monitoring and studies and special project support to the Government and local agencies.

(Section 4.7.1 to be effective October 1, 2009)

4.7.1 Launch Monitoring.
The MESC Contractor shall provide the following services:

a. Operate the Environmental Evaluation Console (EEC) in support of Shuttle Launch Operations in accordance with OMI S0007, Shuttle Countdown;

b. Operate and maintain computer models such as the *Rocket Exhaust Effluent Diffusion Model*, recognize and recommend corrective measures for problems in the models, interface with USAF Range Safety personnel conducting catastrophic launch vehicle modeling, provide real-time predictions to the launch team and emergency response personnel on model outputs, and maintain computer and display systems associated with the EEC to ensure readiness to support launch milestones;

c. Perform *in-situ* examination and sampling of vegetation, soils, and surface waters to determine the extent of impact to flora and fauna, both acute and chronic, resulting from Space Shuttle, Constellation Program launches at KSC and expendable launch vehicles at CCAFS. The MESC Contractor shall enter the results of monitoring activities into an existing environmental database (reference section 4.8) for the ecological assessment of long-term trends and chronic impacts, including bioaccumulation. The MESC Contractor shall provide written assessments to the Government of environmental/ecological impacts associated with each Shuttle or Constellation Program launch in accordance with DRD4.7.1-001 Report, Post Launch Ecological Impact.

(Section 4.7.2 to be effective October 1, 2009)

4.7.2 Ecological Monitoring and Assessment.
The MESC Contractor shall monitor, evaluate, and report on ecosystem health Center-wide ensuring trends and recommendations for improving ecosystem health are documented. The MESC Contractor shall develop an annual Ecological Monitoring Plan, as described in DRD4.7.2-001 Plan, Ecological Monitoring. The MESC Contractor shall provide the following services for aquatic and terrestrial environments:

a. Threatened and endangered species work:

- Conduct surveys of the threatened and endangered species and other species of interest identifying any behaviors, territorial size by telemetry tracking, reproductive capacity, and report unusual findings such as significant changes in productivity, different location sites, and potential disease problems. Survey work shall utilize low altitude flights, field investigations, and the use of Global Positioning System (GPS);
- Record all survey data into the earth systems modeling and data management tool as described in Section 4.8.;
- Collect and report population demographics including mortality figures, and any potential fatal diseases, such as the respiratory disease in gopher tortoises. Determine the root cause of significant mortality rates;
- Identify significant habitat characteristics for threatened and endangered species;
- Define suitability of various habitats to sustain populations of these threatened and endangered species. Define and map habitat of threatened and endangered species

utilizing the earth systems modeling and data management operations tools as described in Section 4.8.

b. Perform biological assessments and preliminary biological assessments for all projects that may impact threatened and/or endangered species or their habitats. Assessments are performed in a manner that satisfies the requirements under Section 7 of the Endangered Species Act (16 U.S.C. §1531). Explain/defend the technical conclusions of the assessments with the appropriate regulatory authorities when required. Prepare biological assessment documentation appropriate for submittal to the United States Fish and Wildlife Service (FWS). Biological assessments and surveys shall be conducted and reported in such a manner as to satisfy regulatory requirements associated with threatened and endangered species protection;

c. Develop and maintain a spatially explicit population model for Florida scrub jays adapted to the specific needs of Kennedy Space Center/MINWR. In particular, the model should be able to utilize multiple GIS layers representing temporal changes in landscapes. These GIS layers will be linked back to the demographic performance of scrub jays within affected areas, providing a quantitative framework for evaluating impacts;

d. Monitor sea turtle nesting success, population trends and densities, as well as lighting impacts. Prepare Disorientation Event Report Forms every time a disorientation is noted and in coordination with the Government, submit directly to the Florida Fish and Wildlife Conservation Commission;

e. Conduct routine surveys of manatee population, distribution, and habitat quality;

f. Continue existing long term ecological monitoring. Current long term ecological studies include: sea grass mapping and transect monitoring, manatee population monitoring, marine mammal and sea turtle nesting and hatchling survey, terrestrial vegetation survey, eagle nest monitoring, scrub jay population demography, wading birds, and small mammal surveys. Prepare an annual summary of animal use in accordance with DRD4.7.2-002 Reports, Annual Summary on Animal Use;

g. Conduct special studies in support of documenting the Government's stewardship of the environment and support outside scientific investigations. Current special studies and primary interfaces include: remote sensing of land cover types, Mosquito Lagoon resource utilization study (boaters and fisherman), wetland restoration monitoring, indigo snake survey methods development, fire management applications and vegetation response;

h. Maintain records and inventories on controlled substances used in conduct of animal research activities in accordance with applicable State and Federal laws and regulations, including the requirements as set forth by the United States DEA. These records shall include proper receipt, records of storage and inventory and proper disposal;

i. Evaluate wildlife habitat issues associated with construction, facility Siting, line-of-sight, and right of ways;

j. Determine effects of water level, salinity, and fire on the local ecology. Place significant emphasis on understanding fire ecology;

k. Coordinate with and provide technical input into the habitat management activities of the FWS and the National Park Service (NPS);

l. Manage and update the Center's vegetation databases, referenced in Section 4.8, in conjunction with obtaining low-altitude and satellite remote sensing, along with various historical photographs to identify change in Center ecosystems or land uses and report potential environmental/ecological impacts;

m. Conduct long term air quality monitoring, in accordance with DRD4.7.2-003 Plan, Long-term Air Quality Monitoring, to assess local and regional trends in atmospheric criteria pollutants and support development of NEPA documentation. The MESC Contractor shall operate one existing permanent air monitoring station;

n. Conduct spatial and temporal rainfall monitoring program to compile long term trends in rainfall patterns, regional and local variability estimates, runoff modeling, fuel moisture estimates, wildfire potential estimates and data for the FIREMAN web site. The MESC Contractor shall operate one existing permanent National Atmospheric Deposition Program (NADP) site;

o. Operate and maintain long-term ecological sampling sites for monitoring selected pollutants in surface and ground water;

p. Maintain the spatial and temporal lightning database identifying long term trends and spatial patterns of lightning strikes, wildfire potential models, fire ignition probability estimates and correlations with known wildfires;

q. Maintain the USAF and KSC Wind Tower and Rawinsonde Database to provide near-time information on wind speed, wind direction, temperature and humidity for dispersion, fire and noise modeling, storm documentation and spatial and temporal trends across the region;

r. In coordination with the Government, publish research findings in nationally and internationally known peer-reviewed publications.

(Section 4.8 to be effective October 1, 2009)

4.8 Earth Systems Modeling and Data Management Operations.

The MESC Contractor shall continually enhance, operate, and maintain existing comprehensive data management and visualization systems (e.g., geographic information system (GIS), aerial and satellite imagery) to be used to evaluate ecological and environmental monitoring data. These systems include multiple platforms and shall allow multiple users to access the data for input and manipulation (Reference Section L, L.18, MESC Reference Document List). Facility GIS data will be provided by the Government. The systems shall be maintained in such a manner as to ensure environmental, ecological, remote sensing, and model data can be used in a cohesive environmental decisions support tool that provides users real-time information about KSC's environment. The MESC Contractor shall ensure timely and accurate data is available to users. Data sets will include threatened and endangered species habitat, submerged aquatic vegetation, soils, surface waters, terrestrial land cover, etc. Document models that are developed and used as part of these systems. All data associated with the system shall be protected and backed-up to prevent losses to Ecological Program Data.

(Section 4.9 to be effective October 1, 2009)

4.9 Agency Support for Recycling and Affirmative Procurement (RAP).

The MESC Contractor shall provide services to implement the Principal Center for Recycling and Affirmative Procurement for the Agency at KSC. Agency agreements set requirements annually, however, at a minimum service includes:

a. Conducting assistance visits to a negotiated number of NASA centers to review recycling and affirmative procurement programs annually;

b. Assisting in the preparation of NASA center and Agency documentation and guidance in these program areas (data calls and report preparation);

c. Provide technical support to NASA center and Agency personnel related to new developments and technologies, resources, best practices and new regulatory or Agency requirements pertaining to recycling and affirmative procurement;

d. In coordination with the Government, plan and implement an annual RAP Conference. The MESC Contractor shall survey and select conference locations, plan and arrange speakers and events, provide onsite staff support, and prepare and publish conference proceedings;

(Section 5.0 to be effective October 1, 2009)

5.0 AGENCY OCCUPATIONAL HEALTH PROGRAM SUPPORT OFFICE.

The MESC Contractor shall staff and operate the Agency Occupational Health Program Support Office at the Kennedy Space Center. The MESC Contractor shall provide support services to the Office of the Chief Health and Medical Officer (OCHMO) to include: Occupational Health Program (OHP) Administration Management Services, Occupational Health Program Assessments, implementation of the Electronic Health Records System (EHRS), International Space Medicine Support, Occupational Health Response to Manmade or Natural Disasters, and Healthcare Promotion and Education.

The MESC Contractor's staff in this Section 5.0 shall be separate and independent from other Sections in this PWS to avoid any organizational conflict of interest. *(Note: There is no Government expectation for sharing resources between this Agency-wide Section and services at KSC).*

5.1 Occupational Health Program Administration Management Services.

The MESC Contractor shall:

a. Assist the Government in the administration, execution, and operational management of the Agency OHP, in accordance with NPD 1800.2, NASA Occupational Health Program;

b. Provide personnel with expertise in occupational medicine, environmental health, and health information management. The MESC Contractor shall provide oversight and assistance to the NASA centers Occupational Health Programs. This requires periodic NASA center site visits, and the solicitation, compilation, and reporting of required summary data for NASA Headquarters offices and external organizations in accordance with DRD5.1-001 Report, Occupational Health Program (OHP) Management;

c. Assist in development of occupational health initiatives, programs, and policy drafts. The MESC Contractor shall make recommendations for enhanced future OHP operation and management. The MESC Contractor shall monitor and research emerging health care concerns, regulatory changes, and best practices;

d. Maintain an occupational health technical library;

e. Maintain and make enhancements to the OHP web site. The MESC Contractor shall update the website for emerging occupational health issues within four hours during normal working hours as directed by the OCHMO.

5.2 Occupational Health Program Assessment.
The MESC Contractor shall assist the OCHMO in performing assessments of NASA centers' implementations of the OHP. The assessments require visits to each of the fourteen NASA sites. Assessments shall occur on a two year cycle and shall include; inventory and evaluation of facilities, resources, and practices at each site; essential data documentation and reporting; and individual program evaluation. The MESC Contractor shall prepare assessment reports in accordance with DRD5.2-001 Report, Center Occupational Health Program (OHP) Assessment. The MESC Contractor shall maintain and operate the Agency Health Enhancement Database (AHED) for program data and evaluation reporting. The MESC Contractor shall ensure the independence of audit functions.

5.3 Electronic Health Records System (EHRS).
The MESC Contractor shall provide personnel with skills in information technology, clinical informatics, and design of flow processes and forms for agency-wide EHRS implementation. The MESC Contractor shall:

a. Administer the implementation of the Agency Electronic Health Records System (EHRS) at the direction of the OCHMO The MESC Contractor shall provide the Agency OHP IT interface with the NASA Data Center (NDC) at Marshall Space Flight Center which will host the EHRS;

b. Assist in developing and implementing the NASA-specific occupational health module for the RPMS;

c. Maintain a help desk for the NASA developed portions of the EHRS;

d. Develop and maintain the EHRS IT Security Plan for the Agency.

5.4 Aerospace Medicine Support.
The MESC Contractor shall provide a physician to assist the Agency Chief Health and Medical Officer in his interfaces with NASA's international partners. It is the Government's expectation that the MESC Contractor shall participate in the NASA Multi-lateral Medical Policy Board meetings, and meetings with the Russian Space Agency, European Space Agency, and Japanese Space Agency.

5.5 Occupational Health Response to Manmade or Natural Disasters.
The MESC Contractor shall assist the OCHMO in the development of Agency occupational health policy for threats from natural disasters, such as hurricanes, or Weapons of Mass Destruction. The MESC Contractor shall provide medical, environmental health, and emergency medical consultation to evaluate policies and resources at each NASA site for their response to chemical, biological and radiological events. The MESC Contractor shall interface between

medical, environmental health and other emergency preparedness organizations to verify lines of communications and responsibilities; and verify the incorporation of medical disciplines in center emergency response policies.

5.6 Healthcare Promotion and Education.

The MESC Contractor shall:

a. Plan and implement an annual NASA Occupational Health Conference and other specialized occupational health meetings as directed by the OCHMO. The MESC Contractor shall survey and select conference locations, plan and arrange speakers and events, arrange for continuing education credit, provide onsite staff support, and prepare and publish conference proceedings;

b. Perform training needs assessment of the NASA sites and assist the OCHMO in planning and implementing technical training provided by the OCHMO;

c. Maintain a Health Risk Appraisal (HRA) for the Agency;

d. Prepare quarterly health topics for centers and procure and distribute promotion and education materials for those designated topics and other healthcare events using a Standards of Care working group;

e. Assist the OCHMO in developing and implementing its Travel Medicine policy and programs.

5.7 Training, Certifications, and Licensure.

The MESC Contractor shall provide:

a. At least one physician fluent in the Russian language and knowledgeable of Russian flight medicine;

b. At least one Occupational Health Nurse certified by the American College of Occupational Health Nursing;

c. At least one Industrial Hygienist certified by the American Board of Industrial Hygiene (ABIH);

d. At least one Health Physicist certified by the American Board of Health Physics (ABHP).

6.0 AIR FORCE SERVICES.

6.1 Administration and General Requirements.

The MESC Contractor shall:

a. Ensure that all MESC Contractor employees providing services to the United States Air Force (USAF) meet all training, certification, and licensure requirements as dictated by applicable sections of this Performance Work Statement;

b. Maintain internal document records of all administrative and operational procedures such as records of employee certification and training, clinic certifications, reports, and other auditable activities.

6.2 Air Force Medical Services.

The MESC Contractor shall provide Medical Services to the USAF and USAF contractor organizations and USAF guests and specified personnel described in specific paragraphs below, and USAF tenant personnel resident at CCAFS and KSC and provide a report on these provided services in accordance with DRD6.2-001, Report, Medical Services Provided to the USAF.

6.2.1 Air Force Occupational Medicine.
The MESC Contractor shall provide the USAF health examinations at the NASA-KSC Occupational Health Facility, and utilize the medical record system referenced in section 2.1. All health exam requests must be approved by the USAF. Health examinations shall be administered in accordance with KBM-ST-2.1 A and B, NASA-KSC Medical Standards and are required to satisfy various programs such as the Federal Employee Health Program (FEHP), and Occupational Safety and Health Administration (OSHA) standards. The MESC Contractor shall:

a. In coordination with the NASA-KSC and USAF medical officers, develop and maintain NASA-KSC physical examination classifications for USAF provided health examinations in accordance with current NASA-KSC health examination classification standards in accordance with KBM-ST-2.1 A and B, Medical Standards;

b. Transition existing USAF electronic medical data provided by the Government into an MESC Contractor provided health information management system and maintain and utilize the system for storage of medical records and data analysis of medical information. When NASA implements an Agency-wide system, the MESC Contractor shall transfer the medical data and implement that system at KSC. The MESC Contractor shall ensure the portability of any medical data to allow its transfer to other systems if required by the USAF;

c. Provide appropriate return to work clearance or duty limitations to patients and their employers;

d. Refer patients to their personal physician when significant abnormal conditions are discovered at the time of scheduled certification physical but which in themselves are not related to the patient's employment. Information on the evaluation and treatment shall be requested from the personal physician to determine any effect on employment or need for work limitations.

6.2.2 Medical Consulting Services.
The MESC Contractor shall:

a. Provide consultation services to the 45 MDG/CC or designee to include evaluation of the workplaces identified by 45 MDG/CC or designee to make recommendations with regard to physical examination requirements for specific jobs or generic job categories based on assessment of the demands of the job and the environment in which it is accomplished. Such evaluations also address specific health and safety concerns of the government and MESC Contractor that are unique to the job or work area and supplemented by environmental studies accomplished by Environmental Health (EH) specialists to support appropriate OM recommendations;

b. Review policies, documents, plans, and procedures as directed by the USAF;

c. Support USAF Medical Inspections and Health Program review/audits, including OSHA onsite Voluntary Protection Program readiness and on-site reviews, and subsequent development of appropriate corrective action plans;

d. Review occupational exam results and track and trend findings and report to 45 MDG at least quarterly;

e. Provide other OM services as required by applicable state and federal standards and regulations.

6.2.3 Clinical Laboratories.
The MESC Contractor shall provide College of American Pathologists (CAP) certified clinical medical laboratory services in accordance with Section 2.10 to the USAF.

6.3 Air Force Environmental Health Services.
The MESC Contractor shall provide Environmental Health services to the 45th SW, USAF contractor organizations, and 45th SW Tenants located at the Cape Canaveral Air Force Station (CCAFS) and at off-station locations within 75 miles of NASA-KSC and the Jonathon Dickinson Missile Tracking Annex (JDMTA). The MESC Contractor shall:

a. Provide EH services on first shift, excluding MESC Contractor holidays. The MESC Contractor shall also respond to off-shift customer activities requiring MESC Contractor participation, to support scheduled operations and emergency response activities;

b. Work directly with the 45th SW Bioenvironmental Engineering Office to develop work assignments, assess risks, recommend engineering controls, quantify exposures, and analyze impact of new regulations and technologies;

c. Identify, evaluate and recommend corrective actions for identified health hazards and non-compliance conditions. The MESC Contractor shall analyze past data and perform trend analysis to develop exposure and environmental assessment strategies;

d. Generate and maintain documentation for the EH program including reports for compliance requirements. The MESC Contractor shall ensure that work is performed in accordance with applicable USAF Air Force Instructions (AFIs), Space Wing Instructions (SWIs), and Technical Orders (TOs);

e. Maintain internal document records of all administrative and operational procedures required for the implementation of it's EH functions such as records of employee certification and training, fieldwork, reports, and other auditable activities;

f. Provide consultation services to review policies, documents, and plans to determine the adequacy of preventive measure and controls, and ensure compliance with applicable USAF and OSHA regulations and requirements;

g. Provide technical and administrative assistance to the 45th SW in implementing its regulatory interface requirements;

h. Participate in Environment, Safety, and Occupational Health Compliance Assessments (ESOHCAMP) and other program audits, and assist in development and implementation of appropriate corrective action plans;

i. Participate in 45th SW Occupational Health Working Group as required based on shops surveyed.

6.3.1 Emergency Response.
The MESC Contractor shall:

a. Participate in planning and response for chemical, biological, and radiological emergency activities and participate in exercises at CCAFS (such as Hazardous Material Incidents);

b. Provide a 24-hour on-call response to unscheduled operations including emergency response requirements for hazardous material incidents;

c. Participate in 45th SW Rapid Response Teams for spacecraft operations. Deployment and specific composition of the team shall be determined in coordination with the 45th SW;

d. Provide and maintain the appropriate equipment and supplies for required EH services.

6.3.2 Industrial Hygiene.
The MESC Contractor shall:

a. Provide baseline and follow-on health hazard assessments of operations and procedures, including construction activities for chemical and physical hazards. The MESC Contractor shall schedule surveys in coordination with customers. Conduct follow-on surveys at least annually when baseline data show significant potential for exposures to hazardous agents; when the customer identifies any process or operational changes that may affect the potential or type of exposure; or as required by OSHA or USAF regulation;

b. Investigate workforce complaints of potential workplace hazards and coordinate with affected employees and the appropriate organizations to resolve issues where appropriate;

c. Provide expert consultation in confined space hazard assessment; manage the 45th SW inventory of confined spaces located at CCAFS and offsite 45th SW locations, excluding PAFB; perform hazard confined space hazard assessments, provide recommendations and requirements for confined space entry and work, and perform atmospheric monitoring in support of confined space entry operations;

d. Provide IH services to launch and processing operations such as downwind monitoring of hypergolic propellant transfer operations, hypergolic propellant storage area open-up, oxygen deficiency monitoring and launch pad safing operations;

e. Perform sampling and analysis of air contaminants associated with hazardous operations and processes using both real time and time-weighted-average sampling methods;

f. Perform annual inspections of USAF civil service work locations at CCAFS to identify potential health risks/hazards or vulnerabilities in accordance with 29 CFR §1960;

g. Implement an exhaust ventilation system testing program to include an inventory of all ventilation systems used to control hazardous air contaminants generated by hazardous operations and processes;

h. Implement a breathing air system testing program, to include an inventory of, testing, and permitting of all CCAFS-operated compressor-supplied breathing air systems and inspections and testing of supplied air to meet OSHA, and USAF requirements;

i. Provide expert consultation in heat illness prevention; perform heat illness hazard assessments;

j. Provide expert ergonomic consultation; conduct musculoskeletal disorder (MSD) hazard assessments;

k. Provide expert consultation in respiratory protection; deployment of emergency use respirators; and perform hazard assessment of air contaminants;

l. Provide expert consultation in noise hazard assessment and hearing loss prevention; assess noise hazards, engineering controls and hearing protection PPE;

m. Provide expert consultation on indoor air quality (IAQ); investigate IAQ complaints and identify its potential causes; coordinate with complainants and appropriate organizations to resolve issues where appropriate;

n. Provide bulk sampling and analysis of suspect Asbestos Containing Materials (ACM) to support scheduled on-going construction and operations and maintenance work;

o. Provide inspections to identify suspect ACM; risk analysis of scheduled facilities operations and maintenance where ACM is present; assessment of written asbestos abatement procedures; pre-abatement inspections; surveys and audits of asbestos abatement operations; clearance level air monitoring for abatement projects;

p. Provide data for the update of the 45th SW Facility Asbestos Management System.

6.3.3 Sanitation and Public Health.

The MESC Contractor shall provide the following services in accordance with AF standards:

a. Sanitary surveys of food service facilities (including vending machines), barber shops, recreation facilities and exercise facilities, special events;

b. Inspection of chemical toilets;

c. Conduct disease vector investigations;

d. Identification of training and certification requirements in the EH aspects of food service sanitation for all food service employees; these training requirements shall be identified for AF contractors;

e. Consultative services to USAF, and USAF contractors in fulfillment of their federal and state regulatory obligations/compliance;

f. Specialized investigative, sampling and analysis, and advisory support to real-time incidents, and/or complaints to include foodborne illness investigations, potable water incidents, disease vector reports;

g. Coordination of food recalls to affected 45th SW organizations;

h. Specialized consultation to food service operators on the development and maintenance of Hazardous and Critical Control Point (HACCP) plan development and implementation;

i. Investigate animal bite incidents; ensure appropriate treatment of victim, and coordination with appropriate local authorities;

j. Provide mosquito surveillance support for the 45th SW.

6.3.4 Health Physics.

The MESC Contractor shall provide the following services in accordance with AF standards:

a. Assessment of personnel hazards in USAF (including tenants) radiation use areas;

b. Maintenance of a current inventory (to meet regulatory requirements) for all identified radiation sources and radiation producing devices in use or in storage;

c. Performance of radiation surveys, evaluations, sampling, analysis, and audits as directed by the 45th SW Bioenvironmental Engineering Office to ensure compliance with USAF regulations;

d. Maintenance of equipment for use in performing field surveys and analysis of ionizing and non-ionizing radiation hazards;

e. Assist in the management of the USAF personnel ionizing radiation dosimetry program for radiation workers requiring dosimetry. Identify personnel to be monitored, issue appropriate dosimeter, assess and assign radiation dose, and maintain exposure histories as required by applicable regulations. Provide technical expertise and support for special dosimetry applications;

f. Processing of Radiation Use Requests (RURs) and associated documents, and drafting of Radiation Use Authorizations (RUAs);

g. Collecting, monitoring and storing low-level radioactive waste, and maintain and operate a dedicated storage area for material awaiting disposal or transfer;

h. Advising USAF personnel and USAF contractors on compliance with federal and state regulatory requirements;

i. Providing radiation monitoring assistance to the Brevard County Emergency Operations Center when directed by the 45th SW Bioenvironmental Engineering Office;

j. Participate in federal and state inspection visits;

k. HP services to launch and spacecraft processing operations.

6.4 Air Force Hazardous and Controlled Waste Management.

The MESC Contractor shall provide waste management services to the Air Force and Air Force tenants/contractors organizations at Cape Canaveral Air Force Station, Patrick Air Force Base, Melbourne Beach, Malabar Transmitter Annex (MTA) and Jonathon Dickinson Missile Tracking Annex (JDMTA). Services are provided as follows:

a. Waste characterization services. The MESC Contractor shall:

- Provide waste characterizations on a routine and emergency basis, using the existing Process Waste Questionnaire (PWQ)/Technical Response Package (TRP) process, to

determine if wastes generated are hazardous or controlled wastes in accordance with applicable federal regulations and to determine the proper method of disposal for those wastes (e.g. off-site disposal, recycling, on-site disposal in a Federally Owned Treatment Works (FOTW));

- Maintain a database of all waste characterized and disposed of;
- Provide waste generators an updated waste determination as required;
- Respond to a routine waste characterization within 14 workdays from the date of request;
- Respond to an emergency waste characterization within one workday from the date of request.

b. Provide Industrial Wastewater Discharge Authorization for use of the domestic waste water system for industrial waste water disposal using the existing PWQ/TRP process. The MESC Contractor shall coordinate pre-treatment standards and authorizations with the Air Force's contractor responsible for the operation of the Cape Canaveral Air Force Station domestic wastewater plant. The MESC Contractor shall ensure that only those discharges that meet pre-treatment standards and authorizations are allowed to be discharged into the domestic waste water system;

c. Pick-up services for hazardous and controlled wastes. The MESC Contractor shall:

- Provide routine and emergency pick-up services for hazardous and controlled wastes for all 45th Space Wing generators from satellite or controlled waste accumulation sites and deliver them to a <90 day accumulation site and/or from satellite, controlled waste or <90 day accumulation sites and deliver them to on-installation TSDFs at CCAFS and PAFB. Controlled wastes include materials which cannot be disposed as domestic sewage or without constraints in a Resource Conservation & Recovery Act (RCRA) Subtitle D Landfill. Radioactive materials, bulk hypergolic fuel wastes and sanitary wastes are excluded from support under this WBS;
- Use the existing Waste Support Request process;
- Respond to routine pickup/removal requests within 10 calendar days from time request was received;
- Respond to emergency pickup/removal requests within 2 hours from time request was received;
- Ensure packaging, labeling, marking and manifesting of waste containers to be removed are in accordance with applicable DOT and RCRA regulations prior to removal from the generating site;
- Ensure hazardous waste destined for delivery to on-installation TSDFs at CCAFS and PAFB meet all permit requirements including the waste codes allowed to be stored;
- Use existing "internal" manifesting system to document all on-site movement of hazardous and controlled waste.

d. Provide pick up/disposal services for non hazardous petroleum solids generated at CCAFS to be managed at the KSC TSDF;

e. Provide off-site treatment or disposal of hazardous and controlled waste. The MESC Contractor shall:

- Provide off-site disposal of hazardous and controlled wastes;
- Complete waste profiles required by the off-site TSDF;
- Ensure packaging, labeling, marking and manifesting of wastes are in accordance with applicable Department of Transportation (DOT) and RCRA regulations prior to off-site shipment of wastes for treatment or disposal;

f. Provide pick-up, management, and recycling services for used oil, oily waste water and petroleum products, universal wastes, shop rags, coolant and other waste streams. It is the government's expectation that the MESC Contractor will seek out opportunities for recycling for these types of waste streams

g. Provide guidance, authorization and tracking for on-site disposal services for hazardous wastes (e.g. propellant related waste) that include:

- Interpretation of regulation and regulatory guidelines applicable to hazardous waste disposal on-site (e.g. FOTW) to determine if specific waste streams qualify for on-site disposal;
- Maintaining a written record of the determination;
- Communication to the Government of any potential regulatory notifications (including one-time notices) as they are required for on-site treatment/disposal of hazardous waste;
- Providing authorization of on-site treatment;
- Maintaining records of dates and quantities disposed/treated and provide an annual report, in accordance with DRD6.4-001 Report, USAF On-site Hazardous Waste Disposal, of the types and quantities of hazardous wastes disposed/treated on-site that the MESC Contractor authorized for disposal.

h. Provide Waste Sampling Services for analysis of potentially hazardous or controlled wastes. The MESC Contractor shall provide a customer request process for waste sampling services on a routine and emergency basis. The sampling for a routine request shall be performed within 5 workdays from date of request. The sampling for an emergency request shall be performed within 2 hours from time request was received. Analysis of routine samples shall be provided within 14 days from sampling date. Analysis of emergency samples shall be provided within 72 hours from sampling date.

i. Provide the following quarterly reports:

- The number of waste removals requested/processed, requesting organizations, waste stream number(s) assigned to waste removed (e.g. HA0015), the number of containers removed from each location, the response time from receipt of request to the date the waste was removed from the generating site and the number of drums moved each day in accordance with DRD6.4-002 Report, USAF Waste Pick Up Services;

- Cost Report for hazardous and controlled wastes shipped off-site for treatment/disposal. The Cost Report must include: description of waste stream (including any hazardous waste codes associated with the waste stream), number and size of containers by waste stream, total weight shipped and total (burdened) treatment/disposal cost per waste stream shipped within the quarter DRD6.4-003 Report, USAF Waste Cost Report;
- The amount of waste recycled to include used antifreeze, used industrial wipes (rags), and used oil in accordance with DRD6.4-004 Report, USAF Waste Recycled.

ATTACHMENT J-2
IT SECURITY IMPLEMENTATION GUIDE

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

1.1 System and Application Life Cycle Requirements

The contractor shall follow the NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems, and NIST SP 800-30, Risk Management Guide for Information Technology Systems, requirements during all phases of the System and Application Life Cycle.

1.2 Security Awareness Training

As defined in NPR 2810.1A, all contractor personnel with access to Government data, including off-site personnel supporting the contract shall complete security training annually as required to meet Agency IT security training and awareness requirements. The Contractor shall report quarterly on status of the required training of their employees. Reports shall be submitted to the COTR or designee.

1.3 Security Risk Assessments and Design Reviews

The contractor shall complete a security risk assessment on a design prior to the design being provided to NASA. Before or during official design reviews, the contractor shall provide design security risks, including possible mitigations, to the system owner or data owner and Organization Computer Security Official (OCSO). If the risks are accepted the life cycle may continue; otherwise, the life cycle shall halt or the design and/or mitigations shall be modified until the risks and possible mitigations are acceptable.

1.4 Security Reviews for New or Modified Hardware and Software

The contractor shall provide a written risk assessment and security review for new or significantly modified hardware or software, prior to deployment. The products reviewed shall be used as a basis to update IT Security Plans, as applicable. Prior to deployment, all risks shall be presented to the system owner, Authorizing Official (AO), and OCSO, separate from the security plan. If the hardware or software connects to other systems the risks shall be presented to the system owner or equivalents and OCSO of the interconnected systems for their information.

1.5 Security Training

All contractor individuals who perform tasks as a system administrator, or have authority to perform tasks normally performed by system administrator, shall be required to pass the NASA System Administrator Security Certification.

1.6 System Security Controls for Network Access

Prior to connecting any new non-Government provided computer system or equipment to the KSC Institutional Networks, the contractor shall:

a. Comply FIPS 199, FIPS 200, and any relevant IT SOPs on certification and accreditation.

b. Acknowledge all applicable NIST-SP-800-53 controls.

c. Complete the Privacy Impact Analysis (PIA).

d. Comply with NPR 2810.1A, IT Security Requirements.

e. Install and configure Agency Security Update System (ASUS) or approved Agency Patching and Reporting System to Center specifications.

f. Install and configure Agency Security Configuration Standards (ASCS) to Agency and Center specifications.

g. Provide a NASA approved Certified System Administrator.

h. Perform a vulnerability scan, mitigate findings, and document results.

i. Provide NIST SP-800-53 control acceptance and Plan of Action & Milestones (POA&M) list to be reviewed by the Center's Certification and Accreditation (C&A) Official.

j. Draft Authorizing Official (AO) letter per NASA Authority to Operate (ATO) process.

k. Submit the complete package of items a-j above to the Center ITSM for review.

l. Upon completion of Center ITSM review, submit ATO package to the AO.

1.7 System Security Controls for C&A

For any computer system that is not managed by ODIN or its successor, the contractor shall:

a. Meet the current and future requirements in the NASA-STD-2804, Minimum Interoperability Software Suite, and NASA-STD-2805, Minimum Hardware Configurations, for all computer systems, unless otherwise approved by the COTR.

b. Configure non-NASA managed services desktop systems with the required standard application software suite, if applicable, to stay consistent across the Agency to ensure that interoperability issues do not arise. The Government has defined a core standard application software suite (reference NASA-STD-2804) that is loaded on all NASA managed services computers.

c. Provide and maintain software that is defined in the current and future versions of NASA-STD-2804.

d. Update the computer with new versions, upgrades, modifications, and non-security and non-bug related patches associated with the operation system and application software within 1 year of the latest release by the software vendor or by the date specified in the current and future versions of NASA-STD-2804.

e. Once the contractor has tested the new release, present the test results and any impacts to associated applications then submit to the CCB in sufficient time to ensure roll out within 1 year of release or by the date specified in NASA-STD-2804, unless otherwise specified by the COTR or designee.

f. Configure regular virus scans on all computer systems which the contractor is responsible.

g. Enable real-time file protection and schedule full virus scans no less frequently than weekly, unless otherwise defined in Center policies or directed by the COTR or designee.

h. Configure automatic updates of virus signatures no less frequently than daily for desktops, unless otherwise defined in Center policies or directed by the COTR or designee.

i. Configure, in addition to NASA-STD-2804, regular adware, spyware, and malware scans on all systems for which they are responsible, but not including servers. The contractor shall enable real-time system protection and schedule full adware and spyware scans no less frequently than weekly for any desktops, unless otherwise defined in Center policies.

1.8 Management Controls

The contractor shall provide management control services to implement IT security for MESC at KSC.

In performance of these services, the contractor shall:

a. Participate in the Center-wide vulnerability scanning activity. The contractor shall mitigate vulnerabilities identified, track vulnerabilities and fixes, and report the statistics to the system owner, OCSO, and COTR or designee.

b. Obtain approval from the system owner, OCSO, and COTR for a temporary mitigation. For a medium or low vulnerability, the contractor may mitigate the vulnerability or present a researched recommendation that justifies accepting the risk.

c. Evaluate, test, and implement mitigation of these services; depending on the assessed severity (critical, high, medium, or low) of a vulnerability and system owner, OCSO, and COTR concurrence with the severity.

d. Comply with the standard and expedited requirements in the Vulnerability Mitigation Requirements Table below.

e. Notify the system owner, OCSO, and COTR when the vulnerability is mitigated and steps taken to mitigate the vulnerability.

f. Obtain approval by the system owner, OCSO, and COTR for any deviation from the requirements.

g. Submit a statistics report on a monthly basis for all vulnerabilities mitigated with their associated severity. A permanent mitigation is required for a critical or a

high vulnerability; though in some cases a temporary mitigation may be necessary.

For High Categorization Systems:

STANDARD REQUIREMENT	CRITICAL	HIGH	MEDIUM	LOW
Time to mitigation after severity concurrence	1 business days	5 business days	1 calendar months	Per mitigation plan
Time to create a plan for permanent mitigation	If temporary mitigation is used, 5 business days	If temporary mitigation is used, 15 business days	N/A	3 calendar months
Occurrences expected per contract year	**2**	**20**	**25**	**25**
EXPEDITED REQUIREMENT	**CRITICAL**	**HIGH**	**MEDIUM**	**LOW**
Time to mitigation after severity concurrence	4 business hours	16 business hours	10 business days	N/A
Time to create a plan for permanent mitigation	If temporary mitigation is used, 8 business hours	If temporary mitigation is used, 2 business days	N/A	N/A
Occurrences expected per contract year	1	3	N/A	N/A

For Moderate Categorization Systems:

STANDARD REQUIREMENT	CRITICAL	HIGH	MEDIUM	LOW
Time to mitigation after severity concurrence	5 business days	15 business days	3 calendar months	Per mitigation plan
Time to create a plan for permanent mitigation	If temporary mitigation is used, 10 business days	If temporary mitigation is used, 30 business days	N/A	6 calendar months
Occurrences	**2**	**20**	**25**	**25**

expected per contract year				
EXPEDITED REQUIREMENT	**CRITICAL**	**HIGH**	**MEDIUM**	**LOW**
Time to mitigation after severity concurrence	4 business hours	16 business hours	10 business days	N/A
Time to create a plan for permanent mitigation	If temporary mitigation is used, 8 business hours	If temporary mitigation is used, 2 business days	N/A	N/A
Occurrences expected per contract year	1	3	N/A	N/A

For Low Categorization Systems:

STANDARD REQUIREMENT	**CRITICAL**	**HIGH**	**MEDIUM**	**LOW**
Time to mitigation after severity concurrence	5 business days	1 calendar month	Per mitigation plan	Per mitigation plan
Time to create a plan for permanent mitigation	If temporary mitigation is used, 10 business days	If temporary mitigation is used, 30 business days	1 calendar year	1 calendar year
Occurrences expected per contract year	**2**	**20**	**25**	**25**
EXPEDITED REQUIREMENT	**CRITICAL**	**HIGH**	**MEDIUM**	**LOW**
Time to mitigation after severity concurrence	1 business day	5 business days	N/A	N/A
Time to create a plan for permanent mitigation	If temporary mitigation is used, 8 business hours	If temporary mitigation is used, 2 business days	N/A	N/A
Occurrences expected per contract year	1	3	N/A	N/A

1.9 Operational Controls

System Contingency Planning and Emergency Preparedness
In addition to what is stated in NPR 2810.1A, the contractor shall participate in contingency and Disaster Recovery (DR) planning, training, and testing in accordance with the current Center Contingency Plan.

In performance of these services, the contractor shall:

a. At least annually train contingency teams in plan procedures and operations.

b. At least annually develop, plan, and implement a contingency scenario test designed to validate the effectiveness of the plan to quickly restore IT operations in the event of a disaster.

c. Assess lessons learned from each test and use the results to update the IT Contingency Plan.

d. Participate in Center DR operations, in the event the Center's plan is invoked, in accordance with the Center Contingency and DR Plan.

System Monitoring
In performance of these services, the contractor shall:

a. Perform all necessary support in the event of a Government-initiated investigation, assessment, or certification involving the contractor's team or the contractor's customers.

b. Perform all services necessary to properly respond to NASA IT security bulletins or notices from the NASA Incident Response Center (NASIRC), or the NASA Chief Information Officer (CIO) that apply to any contractor-supported system or environment.

c. Take necessary and/or immediate corrective actions on any system in response to these bulletins and notices, and notify the system owner, COTR, and OCSO of any suspicious activities per Center security procedures.

1.10 IT Security Reporting Requirements

The contractor shall comply with reporting requirements set by the Federal Information Security Management Act (FISMA), the Office of Management and Budget (OMB), the Office of the Inspector General (OIG), and the Center and Agency CIO.

In performance of these services, the contractor shall:

a. Report IT security incidents to the ITSM or designee(s) within one hour and shall follow the Center's documented IT security incident response procedures.

b. Report using the format and content set forth in each Center's incident response report (Institutional Security Status).

c. Report unexplained system anomalies that, in the judgment of the system administrator, may affect confidentiality of data or integrity of a system/data to the ITSM or designee within one hour. Such anomalies include, but are not limited to, unexplained change of directory or file permissions, unexplained installation, removal or starting/stopping of software, unexplained network traffic, unexplained unavailability of a production service, or any malicious activity.

d. Provide all necessary assistance to the investigating team.

1.11 Distribution of Risks, Threats and Vulnerabilities

The contractor shall encrypt all electronic transmissions and storage of sensitive but unclassified (SBU) information with the Agency approved encryption software.

1.12 Storage of System Documentation and Backup Media

The contractor shall store duplicate copies of system documentation with the backup media, including updates at an off-site location secure from threats, in accordance the approved security plan.

1.13 Prohibition of Production Data on Non-Production Networks

The contractor shall not store, copy, or transfer NASA SBU data to any non-C&A system, in accordance with NPR 2810.1A or for non-NASA system in accordance with NIST 800-37.

ATTACHMENT J-3
SPECIALIZED PHYSICIAN SUPPORT FOR HUMAN SPACECRAFT LAUNCHES AND LANDINGS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

1.0 Background

Human spacecraft, including the Space Shuttle, involves hazardous activities during launch and landing periods. Unique hazards may occur at NASA-Kennedy Space Center (KSC), Florida (FL) during the periods of launch and landing and medical teams must be available to provide definitive medical care to patients on-site and to those who may have to be transported from NASA-KSC to a hospital for treatment. Persons involved with or spectators to this activity are at risk of injury during emergency situations.

The best possible medical care at NASA-KSC must be assured in any emergency, including those which might result in severe injuries or mass casualties. This medical care may include on-site emergency treatment and transportation to an appropriate hospital. This care requires trained and experienced medical teams of specialized physicians, who must be available during periods of launch and landing, who have knowledge of the environment at NASA-KSC and its unique hazards.

2.0 Launch and Landing Medical Support

The MESC Contractor shall provide a group of four medical physicians that will make up a medical team that shall provide medical support onsite at NASA-KSC as required per this attachment, during scheduled Space Shuttle and other Human Spacecraft Operations (launches and landings, and attempts) and other contingencies or simulations. During launch operations, this group of Contractor's physicians may also be tasked to provide medical care to spectators and non-astronauts as required.

The MESC Contractor's medical support physicians shall be specialized, experienced, and current in either Emergency Medicine or General Surgery or Critical Care, or Anesthesiology. All the MESC Contractor's specialized physician medical support physicians are to be fully licensed and credentialed in the State of Florida to practice medicine.

The MESC Contractor's medical support physicians shall have current American Heart Association Advanced Cardiac Life Support (ACLS) certifications. At least two of the physicians in the group must be trained, experienced, and current in Emergency Medicine or General Surgery. The physicians that are Emergency Medicine Physicians must have American College of Surgeons Advanced Trauma Life Support (ATLS) certifications. The physicians that are General Surgeons must have ATLS certification or training equivalent to ATLS certification training. The MESC Contractor shall have a pool of at least 30 qualified physicians from which the Contractor can draw specialized physician medical support physician personnel for support of this attachment. Fifty percent of this pool shall consist of Emergency Medicine and/or Surgeons.

The MESC Contractor's medical support physicians shall provide medical support at NASA-KSC using accepted regional practices for field emergency medicine and trauma care, which meet the ACLS and the ATLS protocols in a field hospital setting (Triage Site) that does not

have definitive surgery and noninvasive imaging, other than portable sonography, to medically treat at least seven Astronauts who may have an illness or injury condition(s) resulting from an emergency of the Space Shuttle or other human spacecraft.

The illness or injury conditions mentioned above may be related to exposure to fire, blast/explosion, deceleration/impact, toxic chemicals such as coolants, hydrazine fuels, nitrogen oxides, hydraulic fluids, atmospheric decompression, radiation, and hyper- or hypothermia. Conditions may also be physiologic changes related to a normal space flight which may include hypovolemia, neurovestibular alterations, cardiovascular deconditioning, muscular atrophy, bone demineralization, anemia, decreased immunity, and psychological stress.

The MESC Contractor shall provide all medications, supplies, and equipment in support of the requirements described in this attachment, J-3. It is the Government's expectation to have the contractor provide, at a minimum, the medications, supplies, and equipment, as listed in reference document titled, *List of Government's Expected Minimum Requirements for Contractor Specialized Physician Medical Support Medications, Supplies, and Equipment,* (Reference Section L.18 MESC Reference Documents), in order to provide medical support at NASA-KSC for the following cases: four ACLS Code patients, four Rapid Sequence Induction patients, four Seizure patients, four Head Injury patients, four Spinal Shock patients and four Toxic Exposure patients. The Contractor's specialized physician medical support physicians shall be trained and certified in the use of all medications, supplies, and equipment that they propose to use.

Duration of Medical Support

During launch operations at NASA-KSC, the MESC Contractor's specialized physician medical support physicians shall be present on duty at least 4.5 hours prior to a launch until successful orbit is achieved approximately eight minutes after launch. However, if NASA/KSC is designated an AOA (Abort Once Around) Site, then the MESC Contractor's physicians shall be present for approximately one hour after launch. If a launch is canceled, the MESC Contractor's physicians shall be required to be present until released by the KSC Emergency Medical Services (EMS) Coordinator which is generally when the spacecraft crew has exited the spacecraft and returned to the Crew Quarters in the Operations and Checkout (O&C) Building on-site at NASA/KSC, approximately 2.5 hours from scrub announcement.

During landing operations at NASA/KSC, the MESC Contractor's specialized physician medical support physicians shall be present on duty at least 1.5 hours prior to scheduled landings until released by the EMS Coordinator which is generally when the spacecraft crew arrives at the O&C Building (approximately 1.5 hours after landing) or until the landing has been re-scheduled. The MESC Contractor shall also be able to provide specialized physician medical support on a best effort basis for unscheduled Shuttle or human spacecraft landings.

Under either circumstance of a launch or landing, if a substantial viewing crowd is present, the MESC Contractor's medical support physicians shall remain at NASA/KSC until the crowd has dispersed and the physicians are released by the EMS. Also, under either circumstance, if there is a human spacecraft emergency, the MESC Contractor's physicians shall remain at NASA/KSC until their support is no longer needed and they are released by the EMS Coordinator, approximately 2.5 hours.

When circumstances allow after a landing, a Post-Landing Training Exercise (PLaTE) may be held. A PLaTE may be scheduled to occur at NASA/KSC after every human spacecraft landing but is typically performed approximately three times a year. The Contractor's specialized physician medical support physicians shall support every PLaTE that is held. A PLaTE usually does not last more than one hour.

The actual duration of total coverage will vary, but normally should not exceed eight hours.

Transportation for Patient Care to a Hospital
The Government will provide all transportation for patient care at NASA/KSC. The MESC Contractor's specialized physician medical support physicians may be required to provide medical care to a patient who is in-transit to a hospital. When it is determined that a patient must be transferred from NASA/KSC to a hospital, the EMS Coordinator will arrange for patient transportation either by helicopter, ambulance or other vehicle.

Medical Consultation
The MESC Contractor's medical support physicians shall provide consultation services in Emergency Medicine and Trauma Medicine with regard to the use of the latest and most appropriate medications, supplies and equipment for use in support of human spacecraft launches, landings, contingencies, and mass casualty support.

3.0 On-Site Simulations & Annual Orientation and Training Course

On-Site Simulations
NASA/KSC will conduct On-Site Simulations of Shuttle or other human spacecraft contingencies/emergencies at NASA/KSC. The MESC Contractor shall provide a four physician specialized physician medical team to support any required simulation. The Government will determine which simulations are required to be supported which are approximately two times a year. The On-Site Simulations generally last between 3 to 5 hours. These On-Site Simulations are not associated with any spacecraft launches or landings and are for testing and training purposes only.

Annual Orientation and Training Course

Specialized physician medical support physicians shall have completed an annual Spaceflight Medical Support Training Course within the last four years. The Course is described in Section J, Attachment J-1, paragraph 2.6 (h).

ATTACHMENT J-4
DATA REQUIREMENTS LIST/DATA REQUIREMENTS DESCRIPTION (DRL/DRD)

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

DATA REQUIREMENTS LIST/DATA REQUIREMENTS DESCRIPTION (DRL/DRD)

The Contractor shall comply with the data requirements descriptions (DRDs) as listed in Table J-4.1.

Additional Information:

A. The Government reserves the right to reasonably defer the date of delivery of any or all line items of data specified in the DRL. Such right may be exercised at no increase in the contract amount. The Government also reserves the right to terminate the requirement for any or all line items of data specified in the DRL. In the event the Government exercises this latter right, the contract amount shall be subject to equitable adjustment in accordance with the clause hereof entitled "Changes – Cost Reimbursement."(FAR 52.243-2 Alt II)

B. In the event of conflict between the identity and description of data called for by specific provisions of this contract and the DRL or DRDs, the DRL and DRDs shall control the data to be furnished.

C. Nothing contained in this DRL provision shall relieve the Contractor from furnishing data called for by, or under the authority of, other provisions of this contract which are not identified and described in the DRL attached to this contract. Whenever such data are identified, either by the Contractor or the Government, they will be listed on a DRL and described on DRDs.

D. Except as otherwise provided in this contract, the cost of data to be furnished in response to the DRL attached to this contract is included in the price of this contract if it is a fixed-price contract; or, if this is a cost-type contract, the cost is included in the estimated cost and shall be reimbursed in accordance with FAR 52.216-7, "Allowable Cost and Payment" clause.

Table J-4.1 List of DRDs

DRD#	Description
1.1-001	Report, Performance Assessment
1.2-001	Plan, Risk Management
1.3.1-001	Report, Workload Indicators, Work Backlogs and Deferred Work
1.3.2-001	Report, Advance Notifications of Workforce Reductions
1.3.2-002	Report, Monthly KSC Headcount
1.3.2-003	Report, Quarterly Summary of 3rd Step Labor Grievances and Arbitrations
1.3.3-001	Report, Replacement of Government Furnished Property

Table J-4.1 List of DRDs	
1.3.3-002	Report, Asset Capitalization
1.3.6-001	Report, Purchase Order
1.3.7-001	Plan, Records Management Program
1.3.7-002	File Plan and Summary of Record Holdings and Transfers
1.3.11-001	Program and Performance Metrics
1.3.12-001	Report, Certifications and Licensure
1.4.1-001	Plan, Safety and Health
1.4.2-001	Report, Safety Statistics
1.4.2-002	Report, Safety Anomaly
1.4.3-001	Report, VPP Self-Assessment
1.5-001	Report, Shared Cost Pool Analysis
1.5-002	Report, Reconciliation of Incurred Costs to Report Costs
1.5-003	Report, Contractor Financial Management Analysis, NASA Form 533M and NASA Form 533Q
1.5-004	NF533M Flat File
1.5-005	Plan, Annual Phased Contract Operating
1.5-006	Report, Rate-Volume Variance Analysis Report
1.5-007	Report, Direct and Indirect Rates
1.5-008	Report, Prime and Subcontractor Contract Value (CV) Status
1.5-009	Report, Phased Negotiated Estimated Cost (NEC) Baseline
1.5-010	Report, Annual IT NASA Headquarters and Special IT Budget
1.7-001	Plan, IT Security
2.1-001	Plan, Medical Quality Assurance Program
2.6-001	Plan, Aerospace Medicine Medical Operations Support
4.5.1-001	Report, KSC On-site Hazardous Waste Disposal
4.5.1-002	Report, KSC Waste Management
4.5.1-003	Report, NETS Hazardous Waste Data Call
4.5.1-004	Report, Off-site Hazardous Waste Transporters and Facilities
4.7.1-001	Report, Post Launch Ecological Impact
4.7.2-001	Plan, Ecological Monitoring
4.7.2-002	Reports, Annual Summary on Animal Use
4.7.2-003	Plan, Long-term Air Quality Monitoring
5.1-001	Reports, Occupational Health Program (OHP) Management
5.2-001	Reports, Center Occupational Health Program (OHP) Assessment
6.2-001	Report, Medical Services Provided to the USAF
6.4-001	Report, USAF On-site Hazardous Waste Disposal
6.4-002	Report, USAF Waste Pick Up Services
6.4-003	Report, USAF Waste Cost Report
6.4-004	Report, USAF Waste Recycled

INSTRUCTIONS FOR COMPLETING CONTRACT APPLICATION INFORMATION

A. LINE ITEM NO. Sequentially number line items beginning with number 001.

B. LINE ITEM TITLE - Enter the title of the data item, as shown in the Statement of Work (SOW), the RFP and/or as directed by the CTM.

C. OPR (OFFICE OF PRIMARY RESPONSIBILITY) - Enter the organization designated to exercise technical and or administrative control over the data requirement. Use approved organizational code.

D. TYPE - Enter "Type of Data" code as follows:

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

E. INSPECT/ACCEPT - Enter Inspection Acceptance code as follows:

CODE	INSPECTION	ACCEPTANCE	CODE	INSPECTION	ACCEPTANCE
1	Source	Source	4	Certificate of Conformance	(Mandatory)
2	Destination (OPR)	Destination (OPR)	5	Certificate of Conformance	(Optional)
3	Source	Destination (OPR)	6	No Inspection Required	No Acceptance
Required					

F. FREQ. OF SUBM. - Enter the frequency of submission code as follows:

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
AD	AS DIRECTED	PC	PER CONTRACT	PV	PER VEHICLE
AN	ANNUAL	PD	PER FAILURE	QU	QUARTERLY
AR	AS REQUIRED	PE	PER EVENT	RD	AS RELEASED
BE	BIENNIAL	PF	PER FACILITY	RT	ONE TIME & REVISIONS
BM	BIMONTHLY (every two months)	PG	PER PROGRAM	SA	SEMI ANNUALLY
BW	BIWEEKLY (every two weeks)	PI	PER EQUIPMENT END ITEM	SM	SEMI MONTHLY
DA	DAILY	PJ	PER PROJECT	TY	THREE YEAR PERIOD
DD	DEFERRED DELIVERY	PL	PER LAUNCH FLIGHT MISSION	UR	UPON REQUEST
MO	MONTHLY	PS	PER SYSTEM	WK	WEEKLY
OT	ONE TIME	PT	PER TEST		

G. INITIAL SUBMITTAL - Enter date of initial submittal as follows: Month, Day, Year. If calendar date is not scheduled, enter number of days preceding, or following, event to which the data requirement is related (e.g., 90 days prior to launch). Amplify in REMARKS, Item J, if necessary.

H. AS OF DATE - For "Onetime Only" submittals, enter date by month/day/year. For recurring submittals, enter number coding (e.g., 30/10, 90/10, 15/5, etc.). The first digit(s) indicate the number of calendar days from the reporting period's (Block F) start to the data preparation cut off. The second digit(s), after the slash, indicate the number of calendar days from the cut off to the submittal date. Example: If Block F

were "MO" and Block H were "30/10", the data would include the entire month and would be submitted within 10 days thereafter.

J. REMARKS: Enter in this space:
   a. Minor exceptions to the DRD.
   b. Stipulation of specific forms when multiple forms are authorized on the DRD.
   c. The paragraph, page, etc., in an existing contract where the data requirement is specified. (This data may be removed at final approval.)
   d. Additional submittal information, if necessary.

K. DISTRIBUTION - Enter organizational symbol, number of copies, and type of copy code(s) (in parenthesis) required for each office. Type of copy codes are as follows:

CODE	DEFINITION	CODE	DEFINITION
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B	Reproducible	D	Other, (Explain in remarks, Item J).

EXAMPLE ENTRIES: IS-PRO-2 (1A) = One regular copy. IS-PRO-3 (5 A, 1B) = Five Regular copies, One Reproducible copy.

Enter the total number of copies by type in the space provided

INSTRUCTIONS FOR COMPLETING DATA REQUIREMENT DESCRIPTION

GENERAL - The Data Requirement Description (DRD) will be prepared to describe the content and provide preparation information for data required in support of NASA programs.

1. TITLE - Enter the title or type of document required. The first word of the title should be a principal noun which best established the basic concept of the data. Subsequent words should be appropriate modifiers.
   Examples: Plan, Project Development (SIVB)
   Specification, Test (GSE)
   Report, Quarterly Progress
   Proposal, Engineering change (ECP)
2. NUMBER - Enter the appropriate number assigned to the DRD. This number will identify the appropriate data category.
3. USE - Enter a synopsis of the use of the document, stating reason for the requirement.
4. DATE - Enter date of preparation.
5. ORGANIZATION - Identify the installation preparing the DRD.
6. REFERENCES - List applicable documents by number, (NASA Management Manual, Mil Specifications, Federal Standards, NASA Procurement Regulation, etc.,) to which the preparing office (e.g., NASA installations, contractors, etc.) may refer for additional information concerning the data requirement.
7. INTERRELATIONSHIP - Enter all affected approved DRDs within the scope of the program when the DRD under preparation creates a significant impact or interface

relationship with existing DRDs. Include a brief narrative of the impact or relationship created and a statement that the new DRD does not cause a conflict with other DRDs.

8. PREPARATION INFORMATION - Provide ample information for preparation of the data required by the data requirements description; include all necessary details of preparation to satisfy the originator's formal requirements.

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DATA REQUIREMENTS LIST/DATA REQUIREMENTS DESCRIPTION (DRL/DRD)

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

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AN	ANNUAL	PD	PER FAILURE	QU	QUARTERLY
AR	AS REQUIRED	PE	PER EVENT	RD	AS RELEASED
BE	BIENNIAL	PF	PER FACILITY	RT	ONE TIME & REVISIONS
BM	BIMONTHLY (every two months)	PG	PER PROGRAM	SA	SEMI ANNUALLY
BW	BIWEEKLY (every two weeks)	PI	PER EQUIPMENT END ITEM	SM	SEMI MONTHLY
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DD	DEFERRED DELIVERY	PL	PER LAUNCH FLIGHT MISSION	UR	UPON REQUEST
MO	MONTHLY	PS	PER SYSTEM	WK	WEEKLY
OT	ONE TIME	PT	PER TEST		

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_____

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7. INTERRELATIONSHIP - Enter all affected approved DRDs within the scope of the program when the DRD under preparation creates a significant impact or interface

relationship with existing DRDs. Include a brief narrative of the impact or relationship created and a statement that the new DRD does not cause a conflict with other DRDs.

8. PREPARATION INFORMATION - Provide ample information for preparation of the data required by the data requirements description; include all necessary details of preparation to satisfy the originator's formal requirements.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.1-001

B. Line Item Title:

WBS 1.1, Report, Performance Assessment

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	See J		See J

J. Remarks:

F/H Prepare as per colum 8 below on these frequencies and due dates based on contract year.
1. Annual (365/30)
2. Quarterly (90/15)
K. D = Electronic submission

K. Distribution	Annual	Semi-Annual	Totals No.	Totals Type
AA-D	(1A) (1D)	(1A) (1D)	2	A
TA-A	(1D)	(1D)	14	D
TA-C/TA-C2/TA-C3	(3D)	(3D)		
OP-OS	(1D)	(1D)		
USAF	(1D)	(1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Performance Assessment	1.1-001
3. Use To be used in assessing MESC Contractor performance.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

1. An annual report of MESC activities summarizing all elements in the SOW to support the Government's Performance Evaluation Plan will be provided.

2. A semi annual report of all elements in the SOW to support the Government's Performance Evaluation Plan will be provided. The purpose of this report is to provide a Contractor/NASA senior management basis for discussion on the status of contract activity. The report will be in the form of briefing charts that addresses the summary level highlights of the past 6-month activity. The briefing should also provide a discussion of planned versus actual costs and any actions required or proposed to assure performance to the cost plan. Management issues of concern to the MESC Contractor should be presented. If the Contracting Officer's Technical Representaive has specific management issues for the Contractor to discuss, they will be provided 2-weeks prior to the scheduled briefing.

3. When the Contracting Officer's Technical Representative has specific management issues for the Contractor to discuss, they will be provided 2-weeks prior to the scheduled briefing.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.2-001

B. Line Item Title:

WBS 1.2, Plan, Risk Management

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
OP/TA-C	3	2	See J	See J	See J

J. Remarks:

The Contractor shall submit its Risk Management Plan in summary form with its proposal. The plan shall be completed within 60 days after contract award and maintained throughout the life of the contract.

K. D = Electronic Submission

K. Distribution	Totals No.	Totals Type
TA-C (1A)	1	A
OP-OS (1D)	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2. Number
Plan, Risk Management	1.2-001
3. Use To provide status of ongoing issues and to identify and mitigate the impending risk.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References NPR 8715.3

8. Preparation Information

Prepare and maintain a current Risk Management Plan for the identification and elimination of performance issues.

The plan shall provide:

a. Risk identification processes and procedures.
b. Method to be used to train the Contractor and support personnel in risk identification and mitigation.
c. Procedures to progress from risk identification through risk mitigation.
d. Methods to measure the success of a risk mitigation.
e. How Contractor will provide status to NASA of on-going risk mitigation efforts.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.1-001

B. Line Item Title:

WBS 1.3.1 , Report and Review, Workload Indicators, Work Backlogs, and Deferred Work

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	6	SA		

J. Remarks:

K. D = Electronic Submission

K. Distribution		Totals	
		No.	Type
OP-OS	(1D)	5	D
TA-C	(1D)		
TA-C2	(1D)		
TA-C3	(1D)		
USAF	(1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report and Review, Workload Indicators, Work Backlogs, and Deferred Work	1.3.1-001
3. Use To be used to provide surveillance on contractor performance relative to SOW requirements.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

Contractor data and briefing formats shall be negotiated with the Government to ensure products and reviews meet the needs of both parties.

The MESC Contractor shall update, maintain, and report workload indicators.

The MESC Contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of September 30 each fiscal year.

The MESC Contractor shall identify the types, kinds, and/or level of work requirements in the stement of work, technical exhibits, and/or milestones to track backlogs and progress in eliminating or reducing backlogs and work deferrals.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.2-001

B. Line Item Title:

WBS 1.3.2, Report, Advance Notification of Workforce Reductions

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
OP/BA	3	6	AR	See Block J	AR

J. Remarks:

The MESC Contractor shall notify in writing the Industrial Relations Officer (IRO) with a copy to the Contracting Officer, at least 15 calendar days in advance of notification to employees of any planned reduction of permanent, full-time, and part-time employees that exceeds 10% of the total contract workforce or 25 employees, whichever is less. In addition, if Workforce Adjustment and Retraining Notification (WARN) Act is required, the MESC Contractor shall provide to the IRO and the Contracting Officer the information required by the WARN Act, section 639.7(c) and a listing of all organizations to be notified including those required by section 639.6(a), (c), and (d), at least five (5) days prior to issuance of the notification.

K. Distribution

OP-OS (1D)
TA-C (1D)
BA (1A) (1D)

Totals	
No.	Type
1	A
3	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Advance Notification of Workforce Reductions	1.3.2-001
3. Use To be used to provide surveillance on contractor performance relative to SOW requirements.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The notification shall include the reason for the reduction in workforce, the number of employees impacted, their labor classifications, their physical location, and their location within contract organization structure.

The notification shall also identify the expected date of the first separation and the anticipated schedule for making separations, as well as the name and telephone number of a company official to contact for further information.

Contractor form is acceptable.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.2-002

B. Line Item Title:

WBS 1.3.2, Report, Monthly KSC Headcount

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
OP	3	6	QU	See Section J	See Section J

J. Remarks:

The MESC Contrator shall provide this report no later than 10 caledar days after the close of each reporting period which ends March 31st, June 30th, September 30th, and December 31st.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
BA-A (1D)	3	D
OP-OS (1D)		
TA-C (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Monthly KSC Headcount	**1.3.2-002**
3. Use	4. Date
Information for workforce reporting requirements	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

A. **Labor Reports shall be submitted quarterly, not later than the 10th calendar day after close of reporting period (see Section J)**
B. **The report shall include: the contract number, the contractor's total on-site workforce, total on-site non-union represented employees, and total off-site workforce performing on the contract.**
C. **A complete organizational chart including all employees by skill or job classification shall be provided.**
D. **The report shall also separately identify the same information for all subcontractors with on-site personnel.**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.2-003

B. Line Item Title:

WBS 1.3.2, Report, Quarterly Count of 3rd Step Labor Grievances and Arbitrations

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C					

J. Remarks:

The contractor shall report the number of 3rd Step Labor Grievances in their system on a quarterly basis in writing to the Industry Relations Officer, Code OP. The contractor shall also report the number of Arbitrattions taking place during each quarter with a summary of the outcome of the Arbitrator's ruling on each case. The report will be due within 15 days of the end of each quarter.

K. Distribution	Totals	
	No.	Type
OP/Industry Relations Officer (1A, 1D)	1	A
TA-C (1D)	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Quarterly Count of 3rd Step Labor Grievances and Arbitrations	1.3.2-003
3. Use	4. Date
	5. Organization: NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The report shall include the number of open 3rd Step Labor Grievances at the beginning of the current quarter, the number of 3rd Step Labor Grievances resolved during the quarter (without arbitration) and the number of open 3rd Step Labor Grievances at the end of the quarter. The report shall also include a summary paragraph of the most common grievances experienced during the quarter. The report will also contain a separate section reporting how many arbitrations they were involved in during the quarter, a brief description of each arbitration, and a summary of the arbitrator's decision.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.3-001

B. Line Item Title:

WBS 1.3.3, Report and Review, Replacement of Government Furnished Property

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-E	3	6	SA	See J	180/30

J. Remarks:

Reports and reviews shall be submitted/conducted semi-annually. Data shall be submitted no later than October 31 and April 30 each fiscal year.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP-OS (1D)	3	D
TA-C (1D)		
TA-E (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report and Review, Replacement of Government Furnished Property	1.3.3-001
3. Use To assess contractor's progress in systematically phasing out Government-furnished property during the contract base and option periods. To identify and assess any risks in utilization of property beyond its reasonable life. To gain insight into the condition of Government-furnished property.	4. Date
	5. Organization NASA/KSC TA-E
7. Interrelationship	6. References

8. Preparation Information

Provide a summary report based on item 4 data and develop a replacement schedule for future years. This information shall be sufficient to support approvals required by Article H.8, paragraph D.

Data shall include, but not be not be limited to, the following data:

1. **Total cumulative GFE tagged equipment value and number of line items by fiscal year (NEMS data) as of September 30 (for the October 31 submission) or March 31 (for the April 30 submission).**
2. **Total contractor acquired capitalized equipment value and number of line items by fiscal year.**
3. **Total contractor acquired non-capitalized equipment value and number of line items by fiscal year.**
4. **Listings of MESC most significant equipment requirements by major functional area. Listings for each equipment item to include: priority, WBS, Customer, nomenclature, condition of item to be replaced, cost of replacement, risk of not replacing, status of replacement action, CFE or GFE, needed replacement date, work around until replaced.**
5. **Line item inventory of capital equipment purchased since contract start to include: item descriptor, in service date, purchase price, depreciation method, useful life, WBS fund source, age, current year, depreciation, accumulation depreciation, net book value.**
6. **Line item inventory of GSA vehicles utilized to include: vehicle type, year model, MESC organization utilizing.**
7. **Line item inventory of non-capital equipment purchased during the current fiscal year to include: acquisition date, cost item nomenclature, manufacturer, federal stock class.**
8. **Listing of equipment items leased or rented during the current fiscal year to include: equipment type, period of lease or rent, annual cost.**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.3-002

B. Line Item Title:

WBS 1.3.3, Report, Asset Capitalization

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-E	3	3	MO	See J	See J

J. Remarks:
The Contractor shall submit their initial submission 2 business days after the end of the month following contract award.

K. D = Elecronic Submission

K. Distribution	Totals	
	No.	Type
OP-OS (1D)	3	D
TA-C (1D)	1	A
TA-E (1A) (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Asset Capitalization	1.3.3-002
3. Use To document the monthly and cumulative costs for Government owned/contractor held capital assets in an accurate and timely manner.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References FMR, Volume 6, Chapter 4, 040503 Asset Capitalization Criteria

8. Preparation Information

The contractor shall report the actual monthly costs and the actual cumulative costs incurred for each new capital asset acquisition (Government Owned Contractor Held capital asset - Real and Personal Property) to the NASA Property Accountant. This report shall include the contractor's 533 unique identification number (Personal Property) or facility number (Real Property), item description, current month actual costs, cumulative actual costs, and invoice number for each capital asset. The Contractor must also provide documentation to support the reported actual monthly costs for each capital asset. The Contractor shall submit a separate invoice for each capital asset. The invoice detail shall include the unique 533 identification number or facility number. Please see below for the capitalization criteria (FMR, Volume 6, Chapter 4 040503) and the values that should be included in the total cost.

A. Capitalization Criteria

1. NASA will capitalize individual items of PP&E which:
a. Have a unit acquisition cost of $100,000 or more for all assets other than internal use software which has a capitalization threshold of $1,000,000;
b. Have an estimated useful life of two years or more;
c. Are not intended for sale in the ordinary course of operations, and;
d. Have been acquired or constructed with the intention of being used, or being available for use by the Agency.

2. If an item, as originally installed, is an aggregate of components which could stand alone (as opposed to parts) and are severable, those components should be individually subjected to the capitalization criteria and only those components which meet the criteria shall be originally capitalized. If an item, as originally installed, is an aggregate of components which could not stand alone and are not severable (see collateral and non-collateral equipment at FMR Volume 6, 040505) those components shall be subjected to the capitalization criteria in aggregate.

B. Values.

1. Capitalized values shall include all costs incurred to bring PP&E to a form and location suitable for its intended use, i.e., the total cost to NASA. For example, the cost may include the following, as appropriate for the type of PP&E capitalized:
a. Amounts paid to vendors or contractors, including fees
b. Transportation charges to the point of initial
c. Handling and storage charges
d. Labor and other direct or indirect production costs (for assets produced or constructed)
e. Engineering, architectural, and other outside services for designs, plans, specifications, and surveys
f. Acquisition and preparation costs of buildings and other facilities
g. An appropriate share of the cost of the equipment and facilities used in construction work,
h. Fixed equipment and related installation costs required for activities in a building or facility.
i. Direct costs of inspection, supervision, and administration of construction contracts and construction work,
j. Legal and recording fees and damage claims
k. Fair values of facilities and equipment donated to the Government
l. Material amounts of interest costs paid.

2. Costs of extended warranties should be expensed at the time of payment and not be included in the capitalized value. Where capitalized equipment is traded in for another piece of capitalized equipment, the capitalized value of the new asset will be acquisition cost, including the amount received for the trade-in. Capitalized value will be net of discounts taken.

DATA REQUIREMENTS DESCRIPTION WORKSHEET

(1 item per worksheet)

EQUIPMENT CONTROL NUMBER (PERSONAL PROPERTY): _____
OR FACILITY NUMBER (REAL PROPERTY): _____
MONTH: _____
FISCAL YEAR: _____

533 WBS	ITEM DESCRIPTION	CURRENT MONTH COSTS	CUMULATIVE COSTS	INVOICE NUMBER

NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.6-001

B. Line Item Title:

WBS 1.3.6, Report, Monthly Purchase Order

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
OP	1	2	MO	See Section J	See Section J

J. Remarks:

Initial submittal of this report is no later than 10 calendar days after the first month of contract performance with monthly updates thereafter.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP-OS (1D) TA-C (1D)	2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Monthly Purchase Order	1.3.6-001
3. Use To report the MESC Contractor's procurement activity.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Monthly Purchase Order Reports shall address the following information:

1. A list of procurement activity at the WBS level during the month vendor name, purchase order number, purchase order amount, order date, and a total monthly amount.

2. The report shall include a summary depicting the total dollar amount and percentage of total dollar amount and percentage of total procurements placed with large, small disadvantaged, woman-owned, and HUB zone businesses. The summary shall be shown for the current month and contract year cumulative amount with totals.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.7-001

B. Line Item Title:

WBS 1.3.7, Plan, Records Management Program

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
	2		Revise as Required	60 days after contract award	

J. Remarks:

The contractor shall provide a Records Management Plan meeting the format outlined in section 8 below.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP (2A)	2	A
TA-C (1D)	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Records Management Program	1.3.7-001
3. Use To describe the overall approach to the Records Management Program.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References See 8 below

8. Preparation Information

The Records Management Plan (RMP) shall describe the implementation of a records management program in accordance with compliance requirement above. The RMP shall provide sufficient detail to demonstrate an understanding of the compliance requirements including the following areas:

I. Program Management
   a. Program authorization and organization
   b. Guidance and training
   c. Internal Evaluations
   d. Procedures and Processes
II. Records Creation/Recordkeeping Requirements
   a. Creation of records/adequacy of documentation
   b. Contractor Records
III. Records Maintenance (General)
   a. General
   b. Paper-based Records
IV. Maintenance of Special Records
   a. Electronic Records
   b. Audiovisual Records
   c. Cartographic and Architectural Records
   d. Micrographic Records
V. Records Disposition
   a. Records Disposition Schedule Implementation
VI. Vital Records

The following definitions are provided for clarification purposes.

(a) Contractor-owned records. The following records are considered the property of the contractor and are not within the scope of paragraph (a) of this clause.

(1) Employment-related records (such as workers compensation files; employee relations records, records on salary and employee benefits; drug testing records, labor negotiation records, records on ethics, employee concerns, and other employee related investigations conducted under an expectation of confidentiality; employee assistance program records; and personnel and medical/health –related records and similar files), except for those records described by the contract as being maintained in Privacy Act systems of records.
(2) Confidential contractor financial information, and correspondence between the contractor and other segments of the contractor located away from the NASA Center (i.e., the contractor's corporate headquarters);
(3) Records relating to any procurement action by the contractor, (confidential financial information and correspondence obtained by the Contractor for use in its subcontracts; source selection and other confidential, pre-decisional, or similar documents relating to the Contractor's deliberative process in selecting subcontractors) except for records that fall under 48 CFR Chapter 18 that may apply to NASA;
(4) Legal records, including legal opinions, litigation files, and documents covered by the attorney-client and attorney work product privileges;
(5) The following categories of records maintained pursuant to the technology transfer clause of this contract.
    (i) Executed license agreements, ,including exhibits or appendices containing information on royalties, royalty rates, other financial information, or commercialization plans, and all related documents, notes and correspondence.
    (ii) The contractor's protected Cooperative Research and Development Agreement (CRADA) information and appendices to a CRADA that contain licensing terms and conditions, or royalty or royalty rate information.
    (iii) Patent, copyright, mask work, and trademark application files and related contractor invention disclosures, documents and correspondence, where the contractor has elected rights or has permission to assert rights and has not relinquished such rights or turned such rights over to the Government.

(b) Metadata. Metadata as defined by ISO 15489 3.12 "Metadata: data describing context, content, and structure of records and their management through time."

(c) Government-owned records. Except as provided in paragraph (b) of this clause, all records acquired or generated by the contractor in it's performance of this contract shall be the property of the Government and shall be delivered to the Government or otherwise disposed of by the contractor either as the contracting officer may from time to time direct during the process of the work or, in any event, as the contracting officer shall direct upon completion or termination of the contract.

References:

a. 44 U.S.C. Chapters 29, 31, 33.

b. 44 U.S.C. 3501 et seq., Paperwork Reduction Act.

c. 36 CFR Parts 1220-1238.

d. 5 U.S.C. 552, The Freedom of Information Act as amended.

e. 5 U.S.C. 552a, The Privacy Act of 1974 as amended.

f. OMB Circular A-130, Management of Federal Information Resources.

g. OMB Circular A-123, Internal Control Systems.

h. Executive Order 12656, Assignment of Emergency Preparedness Responsibilities, Sections 201, 202, 1901, and 2001 (November 18, 1988), as amended

i. NASA Records Management NPD 1440.6 (As revised)

j. NASA Retention Schedule NPR 1441.1 (As revised)

k. NASA Export Control Program, NPD 2190.1 (As revised)

Center Specific

l. KSC Records Management and Vital Records Program KNPD 1440.1 (As revised)

m. Records Management KDP-KSC-P-1881 (As revised)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.7-002

B. Line Item Title:

WBS 1.3.7, File Plan and Summary of Records Holdings and Transfers

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	2	2	AN	120 days after contract award	

J. Remarks:

The contractor shall submit an annual summary of Records Holdings and Transfers and maintain a file plan per the NASA references listed in section 8 below.

K. Distribution

OP (1D)
TA-C (1D)

Totals	
No.	Type
2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
File Plan and Summary of Records Holdings and Transfers	1.3.7-002
3. Use To submit summary of records holdings as specified in stated requirements.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References See 8 below

8. Preparation Information

References
a. NASA Records Management NPD 1440.6 (As revised)
b. NASA Retention Schedule NPR 1441 (As revised)
c. KSC Records Management and Vital Record s Program KNPD 1440.1 (As revised)
d. Records Management KDP-KSC-P-1881 (As revised)
e. NASA Export Control Program, NPD 2190.1 (As revised)

The file plan shall include at a minimum, the following data:
a. AFS#: NPR 1441.1

b. Item#: NPR 1441.1

c. Record Title: Record Series description, a description of the record and its function

d. Office of Record: Office responsible for retiring the record at end of lifecycle

e. Location: Physical location of records

f. Retention/Disposition: The period of time the record shall be kept, and how it is treated at the end of its active lifecycle

g. Permanent vs. Temporary: Designation of permanent status or temporary status of records

h. Vital Status: Records identified as necessary for continuing operations immediately following an emergency

i. Volume: Amount of records

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.11-001

B. Line Item Title:

WBS 1.3.11, Program and Performance Metrics

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	2	2	SA		

J. Remarks:

Program and Performance metrics will be developed in coordination with the Government upon contract startup.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (2A) (2D)	2	A
TA-C2 (2D)	7	D
TA-C3 (2D)		
USAF (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Program and Performance Metrics	**1.3.11-001**
3. Use	4. Date
	5. Organization: **NASA/KSC TA-C**
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor will cordinate with the Governnment in the development of Program and Performance Metrics.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.3.12-001

B. Line Item Title:

WBS 1.3.12, Report, Professional Certifications and Licensures

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	6	AN	See J	See J

J. Remarks:

The contractor shall submit a summary list of credentials for all personnel covered by certification and licensure requirements of the contract. Initial submit shall be 6 months following contract award. Updates as requested by the Government.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1D)	2	D
OP-OS (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Professional Certifications and Licensures	1.3.12-001
3. Use To validate essential credentials for key personnel on the contract for whom certification and licensures are expected.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

Certification and licensure requirements are called out in the following WBS elements:

2.2 Medical Services
3.8 Environmental Health
4.2 Environmental Services
5.7 Agency Occupational Health program

For each individual covered by those specific requirements the contractor shall report on the following:

Last date of licensing or certification
Certifying or licensing entity
Copy of certification or license

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.4.1-001

B. Line Item Title:

WBS 1.4.1, Plan, Safety and Health

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	See J	See J	

J. Remarks:

The contractor shall submit their final Safety & Health Plan and obtain Government approval signature within 90 days after start of the contract. Changes to the baseline document shall require the contractor to obtain Government approval signature.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP-OS (1D)	3	D
SA-E (1D)		
TA-C (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Safety and Health	1.4.1-001
3. Use	4. Date
To ensure the contract is conducted in a safe manner and complies with all safety and health directives, instructions, policies, and regulations as listed in this contract. To verify the contractor intends to be proactive and innovative in safety and health practices. To verify a process where employees have a safe work environment/conditions throughout the performance of this contract.	5. Organization: NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Safety & Health Plan shall describe task and activities of the Safety and Health management at each site where the contractor is operational to assure identification, evaluation and elimination/control of safety and health concerns. At a minimum, the plan shall include the following:

a. All requirements specified in NFS 1852.223-73, NPR 8715.3 Appendix E and OSHA's Voluntary Protection Program (VPP), OSHA TED-8.4.
b. Organization charts(s) which illustrates the functional relationships and lines of communication between Safety, the Safety and Health organization and other organizational elements.
c. Descriptions of the Safety and Health management functions within the organization including the process through which management decisions will be made, including notification to the local NASA Safety and Health organization of critical and catastrophic hazards, corrective actions, mishaps and deviations or waivers to NASA Safety and Health requirements.
d. Description of the responsibility, authority, and accountability of Safety and Health personnel, other contractor organizational elements involved in the safety and health effort and subcontractor safety and health personnel. Include the organizational unit responsible for the execution of safety and health tasks and the position with the authority to resolve all identified safety and health issues.
e. Description of the management controls that will be used to ensure compliance with safety and health regulations.
f. Cross-reference of safety program requirements (e.g., OSHA, NASA, local NASA Center, State) and contractor procedures to avoid duplication of effort.
g. Description of the safety program measurement system, including measurements, metrics, and trend analysis methods. The performance measurement system should describe responsibility for identifying and implementing remedial action, recurrence control, and corrective actions that are necessary to improve performance as indicated by the performance measurement system.

Format: Microsoft Word or PDF. Contractor format is acceptable.
Maintenance: Changes shall be incorporated as required by change page or complete revision. NASA approval required.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.4.2-001

B. Line Item Title:

WBS 1.4.2, Report, Safety Statistics

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	MO	45 days after contract start	See J

J. Remarks:

The MESC Contractor shall submit the initial Safety Statistic Record (KSC Form 6-22 V2) by the 15th of the second month after contract award. Thereafter, on or before the 15th of each month, for the previous month.

K. D = Electronic Submission

K. Distribution

SA-E (1D)
TA-C (1D)
OP-OS (1D)

Totals	
No.	Type
3	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Safety Statistics	**1.4.2-001**
3. Use **The Safety Statistics Report provides information on mishaps and close calls affecting the contractor's performance.**	4. Date
	5. Organization **NASA/KSC TA-C**
7. Interrelationship	6. References **KNPR 8715.3** **OSHA VPP TED 8.4**

8. Preparation Information

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.4.2-002

B. Line Item Title:

WBS 1.4.2, Safety Anomaly Report

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	AR	See J	

J. Remarks:

Blocks F, G, H: An anomaly report is required for each major anomaly as it occurs. The format for the Anomaly Report is at the discretion of the MESC Contractor.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP-OS (1D)	3	D
TA-C (1D)		
SA-E (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Safety Anomaly	1.4.2-002
3. Use Anomaly Report to provide an immediate description of equipment/system failure or anomaly, an accident, close call, or personal injury.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References 8715.3KNPR

8. Preparation Information

1. An Anomaly Report shall be prepared and distributed per Block K not later than four (4) hours after the anomaly occurs and shall include but not be limited to:

a. Date, time, location and nature of the anomaly
b. System or Systems involved
c. Number, and if possible, the names of employees involved and nature of injuries, if any
d. Probable cause of occurrence and events leading up to anomaly
e. Actions taken to eliminate or minimize any hazards or further damage
f. Planned corrective actions to prevent reoccurrence if known
g. Persons notified
h. Photograph, if available.

2. Anomalies meeting NASA Mishap criteria for Type A through Type D as defined in KNPR 8715.3, shall be upgraded to Mishaps and electronically enter NASA Mishap-Reporting database within 24 hours or by the end of the next regular duty day if the incident occurs after 1500 hours on the last work day before a Holiday or weekend or anytime on Weekends or Holidays. In addition, all anomalies witht the potential to have been a Type A through Type D Mishap shall also be entered. The data will be captured in a resident database. Data entered shall contain as much detail as available and when appropriate shall include details such as root cause analysis, lists of corrective actions taken, as stated means to prevent recurrence, photographs, etc.

3. When the initial report does not contain final root causes and/or corrective actions, follow-up reporting shall be submitted within 45 working days of the mishap occurrence. Information required is the same as for the initial report with a final root cause analysis and/or list of completed corrective actions. If any action remains open after submittal of the first 45 day report, additional follow-up reporting shall be made on a periodic basis (not to exceed monthly) until closure of all action items.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.4.3-001

B. Line Item Title:

WBS 1.4.3, Report, VPP Self-Assessment

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	AN	01/03/09	

J. Remarks:

By the 30th of January of the first calendar year following contract issue. Annually, on or before the 30th of January for each calendar year.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP-OS (1D)	3	D
SA-E (1D)		
TA-C (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, VPP Self-Assessment	1.4.3-001
3. Use The Safety Program Evaluation provides annual synopsis information on the effectivenes of the MESC Contractor's safety and health management system.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References OSHA TED 8.1

8. Preparation Information

The evaluation shall include assessments of the effectiveness of all elements and sub-elements of the participant's safety and health management system. The evaluation includes reviewing written programs, walking through inspections the workplace, and interviewing employees. During this process should be answering the following questions relating to each element and sub-element of their safety and health management system.

a) Is it comprehensive?
b) Is it operating effectively and meeting established goals and objectives?
c) What improvements can be made to make it even more effective?
d) What goal modifications should be made for the upcoming year?

The written Annual Evaluation shall contain the following information:

a) Injury and illness rate information.
b) Significant changes or events in the Safety and Health Program. Note: Describe the impact of any significant changes (management, corporate buy-outs, etc.) and events (fatality, catastrophe, accident, complaints, etc) and steps take to ensure or restore worker safety and health confidence.
c) Narrative Evaluation of Safety and Health Management System. Note: In narrative form, assess the effectiveness of each of the four elements and their sub-elements in your safety and health management system.

1. Management Leadership and Employee Involvement
   - i. Management Commitment to Safety and Health Protection and to VPP Participation
   - ii. Policy
   - iii. Goals, Objectives, and Planning
   - iv. Visible Top Management Leadership
   - vi. Line Accountability
   - vii. Resources
   - viii. Employee Involvement
   - ix. Contract Worker Coverage
   - x. Written Safety and Health Management System

2. Worksite Analysis
   i. Hazard Analysis of Routine Jobs, Tasks, and Processes
   ii. Hazard Analysis of Significant Changes, New Processes, and Non-Routine Tasks Including pre-use analysis and new baselines
   iii. Routine Self-Inspections
   iv. Hazard Reporting System for Employees
   v. Industrial Hygiene Program
   vi. Investigation of Accidents and Near-Misses
   vii. Trend/ Pattern Analysis

3. Hazard Prevention and Control
   i. Certified Professional Resources
   ii. Hazard Elimination and Control Methods
      1. Engineering Controls
      2. Administrative Controls
      3. Work Practice Controls and Hazard Control Programs
      4. Personal Protective Equipment
   iii. Process Safety Management (if applicable)
   iv. Occupational Health Care Program
   v. Preventive/Predictive Maintenance
   vi. Tracking of Hazard Correction
   vii. Emergency Preparedness

4. Safety and Health Training
   i. Managers
   ii. Supervisors
   iii. Employees
   iv. Emergencies
   v. PPE

Note: For each sub-element include a description of:
1. Improvements made since the previous year and completion of the previous year's recommendations
2. Any deficiencies identified, recommendations for improvement, the person(s) responsible for fulfilling each new recommendation, target dates for their completion, and the data/information reviewed to assess the effectiveness of the sub-element.

FORMAT: As specified.

MAINTENANCE: None required.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-001

B. Line Item Title:

WBS 1.5.1, Report, Shared Cost Pool Analysis

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A	3	6	QU	25 Working Days After Fiscal QU Close	90/25

J. Remarks:

Routine submission via 1 hard-copy and 1 electronic submission in Microsoft Excel format.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-A (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Shared Cost Pool Analysis	1.5-001
3. Use This document will be used by the Government to assess and evaluate the maintenance of cost pools and the resulting distribution of costs.	4. Date
	5. Organization
7. Interrelationship	6. References

8. Preparation Information

1) Reports shall be delivered within twenty-five (25) working days following the close of the Contractor's accounting period for each fiscal quarter.

2) Cost pools shall capture those on-going costs associated with providing a capability or service that cannot be associated with a specific customer.

3) These reports shall include as an attachment: updates showing any changes required to maintain a detailed Cost Pool Dictionary containing a complete description of each cost pool, and a comprehensive listing of the content.

4) Analysis shall be provided on each of the Contractor maintained shared cost pools. Reports shall contain but are not limited to analysis of each expense pool to include planned and actual cost pool content.

5) Sample data formats are attached.

Common Cost Pool Analysis Report - Example

Cost Pool	Cost Pool Description	FY XX Op Plan	Act thru Mth	Plan thru Mth	Variance Explanation	Customer	Current Month Allocation	Actual YTD Allocation
XXXXXX	Example - WYE's, equipment, training, supplies for Activity A					Customer A		
						Customer B		
						Customer C		
						Total		
XXXXXX	Example - WYE's, equipment, training, supplies for Activity B					Customer A		
						Customer B		
						Customer C		
						Total		
XXXXXX	Example - WYE's, equipment, training, supplies for Activity C					Customer A		
						Customer B		
						Customer C		
						Total		

Allocation percentages will be provided by the Government.

POOL:
ACCOUNT:

WBS

Allocation: Customer Unique Id Description

Scope: Example - Cost pool used to capture the costs of subcontractor labor, supplies and materials, vehicles needed to provide management of (this function); maintenance of shared equipment, travel, training, housekeeping.

Manager:
Analyst:

Basis of Estimate:

		Customer Percentages	A	B	C	D	Total %
Acct							
Prime Labor							
	Headcount						
	Hours						
xxx	Prime O/T Labor						
xxx	Prime Prem Labor						
xxx	Prime S/T Labor						
Total Prime Labor							
Sub Contractor Labor							
	Headcount						
	Hours						
xxx	Sub O/T Labor						
xxx	Sub Prem Labor						
xxx	Sub S/T Labor						
Total Sub Labor							
Non-Labor							
	Travel						
	Motor Vehicles						
	Operating Leases						
	Depreciation Exp						
	Sub-Contracts						
	Training						
	Misc ODC						
	Supply/Materials						
	Equipment						
Total Non-Labor							
O/H, G&A, Fee							
	Overhead						
	G&A						
	Fee						
Total O/H, G&A, Fee							
Total Cost Pool							

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-002

B. Line Item Title:

WBS 1.5.1, Report, Reconciliation of Incurred Costs to Reported Costs

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A	3	6	AR	See Paragraph 8	See Paragraph 8

J. Remarks:

Product shall be compatible with Microsoft Excel software.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-A (1D)	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Reconciliation of Incurred Costs to Reported Costs	1.5-002
3. Use This document will be used by the Government to analyze contract cost performance and ensure reconciliation of the contract cost data.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Contractor shall notify the government within 5 working days upon detection of significant errors in their accounting system that impact work orders or costs reported in any one period. Report is required when variances exceed $50,000 in a single month.

Reconciliation of Incurred Costs to Reported Costs. The Contractor shall submit a Reconciliation of the Incurred Costs to Reported Cost by CLIN in its general ledger system, to the costs reported to the government in the NF 533M. Content of the report shall be to identify the value, nature, and source of direct incurred costs that have not been reported to the Government. Report format attached.

RECONCILIATION OF INCURRED COSTS TO REPORTED COSTS

		General Ledger
	+	Time Entry System
(a)		**Total Direct Incurred**
(b)		**533 Monthly Report - to the Government**
(c)		**Total Loads**
		Other Reconciling Items
		Suspense less Loads
		Corrections not in Current Cost Period
		Other Projects
(d)		**Subtotal Reconciling Items (D)**
(b-c-d) = (e)		**Total Direct Incurred Reported**
(e-a)		**Un-Reconciled Cost**
		Percent of Un-Reconciled to Direct Incurred
		(Report required when variances exceed $50,000)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-003

B. Line Item Title:

WBS 1.5.1, Reports, Contractor Financial Management Analysis, NASA Forms 533M & 533Q

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A, GG	3	6	MO	Contract Effective Date + 30 days	See Block J

J. Remarks:
The NASA Form 533M report is due monthly within 10 working days of the close of the Contractor's accounting period. The NASA Form 533Q is a baseline report, due within 30 days after authorization to proceed has been granted and when any authorized baseline changes occur. These products shall be compatible with Microsoft Excel software.

K. D = Electronic Submission

K. Distribution	Totals No.	Totals Type
GG-B (1D)		
TA-A (1D) (1A)	1	A
TA-C (1D)		
OP-OS (1D)	4	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Reports, Contractor Financial Management Analysis, NASA Form 533M & 533Q	1.5-003
3. Use Provides NASA with monthly and accumulated expenditures and projections of program costs.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References NPR 9501.2D

8. Preparation Information

1. Scope

This DRD establishes the requirements for the content and format of financial and cost-related management reports. NF 533's shall report cost data for all customers of the Medical and Environmental Support Contract.

2. Contents

a. Reporting requirements are for the NASA Form 533M and 533Q. These reports shall be prepared in accordance with instructions in NPR 9501.2D, NASA Contractor Financial Management Reporting.

b. The Contractor shall submit an initial report in the NF 533Q format within 30 days after authorization to proceed has been granted. The initial report shall reflect the original contract value detailed by negotiated reporting categories and shall be the original contract baseline plan. An updated NF533Q shall be submitted when authorized changes to the baseline plan occur. This plan , plus authorized changes, is subsequently used in columns 7b and 7 d of the NF 533M for comparison of actual costs to plan. The NASA Contracting Officer may require additional detail, such as quarterly or semiannual phasing over the life of the contract, inclusion of unexercised options, or an initial report whenever options are exercised.

8. PREPARATION INFORMATION (cont)

c. The Contractor's cost accounting system shall be capable of accumulating, segregating, and reporting costs by each of the categories listed below:

Category

WBS – down to the lowest level of the WBS structure
Prime Contractor
Major Sub-Contractors
Element of Cost
Fiscal Period (Month, Government Fiscal Year)
NASA Customers
Air Force Customers

d. Labor Hours and Elements of Cost Data to be reported on the 533Q and 533M reports are to be consistent with the Elements of Cost listed in Attachment 1. The Table of Contents for required NF533M views and supplemental reports is shown in Attachment 2.

e. Due dates reflect the date that the 533M and 533Q reports are to be received by personnel on the distribution list, not the date the reports are generated or mailed by the contractor.

f. Uncompensated overtime hours worked should be reported on NF533M reports as a separate line item per attached Format C.

g. Monthly NF533M reporting shall begin no later than 30 days after the incurrence of costs.

h. Amounts shall be stated to the nearest whole dollar, and productive hours to the nearest whole number.

i. At contract award and annually thereafter, the Contractor shall furnish an accounting calendar based on a quarterly reporting cycle of 4/4/5 week months and included in the initial submission of the annual operating plan. This cycle shall start on October 1, and end on September 30 of each fiscal year. The Contractor's accounting calendar shall also identify the number of work hours and non-productive hours in each month of the fiscal year.

j. For any indirect rates (such as fringe benefits, overheads, G&A, etc.), charged to the contract, the Contractor shall identify in the narrative of the 533M, the provisional billing rates, ceiling rates, and cumulative actual applied rates for the contract period, and any changes to these rates from current operating plan rates (Format M).

k. With the initial submission of the 533M, and annually thereafter, the contractor will attach as an addendum a Work Breakdown Structure (WBS) Dictionary. This dictionary will adequately describe the work content being performed within each WBS at the lowest reportable level to the government. This document/addendum should be updated when approved changes to the WBS have been made. Contractor format is acceptable.

l. The Contractor shall provide, on an annual basis, an Element of Cost Dictionary describing the content of each element of cost. Contractor format is acceptable.

m. Electronic files for distribution shall be in Microsoft Excel format.

Cost Elements	Definitions
Regular Labor	Reported to NASA as hours are incurred for both prime and major subcontractors. Includes full time, part time and temporary employees' time, not to exceed 40 hours per week.
Overtime Labor	Reported to NASA as hours are incurred both prime and major subcontractors. Includes full time, part time and temporary employees' time, exceeding 40 hours per week.
Premium Labor	Amount paid for cost associated with labor shift premiums. Includes both prime and major subcontractors.
Equipment	Generally reported to NASA when received and accepted by the contractor. Cost is greater than $5,000 per item.
Depreciation	Includes all depreciation cost associated with the capitalization of contractor property.
Leases	Reported to NASA using a proration over the life of the lease and includes capital and non-capital equipment. Examples are heavy equipment, machinery, cranes, and laboratory.
Training	Related costs are registration fees, airfare, lodging, transportation, meals, auto rental, mileage, certifications, and licenses.
Misc Other Direct Costs	Includes other charges such as contract labor obtained though an outside agency, freight, postage, dues, memberships, subscriptions, courier services.
Travel	Examples are airfare, lodging, transportation, auto rental, meals, moving expenses and other incidentals associated with specific travel or permanent relocation requirements. Reported to NASA as costs are incurred.
Subcontracts	Actual and estimated costs reported by prime contractors shall include subcontractors' incurred costs for the same accounting period. The prime contractor shall include in the total cost of each subdivision of work the accrued cost (including fee, if any) of related subcontractor effort. Subcontractors should, therefore, be required to report cost to the prime contractor, using the accrual method of accounting. If the G&A and fee reported by a subcontractor are at the total subcontractor level, these costs must be allocated to specific sub- divisions of work. Data submitted by the subcontractor should be structured similar to the prime contractor's NF533M to enable the prime contractor to properly report to NASA. For Firm Fixed Price subcontracts with a contract value greater than $500,000, the prime contractor is required to document the methodology used to generate the sub-contractor costs reported, the WYE's associated with the sub-contracts, and provide this information to the Government.
Materials & Supplies	Examples are supplies such as office supplies, toner cartridges, binders, lumber, electrical, plumbing, paint supplies. Cost is less than $5000 per item.
Leased Vehicle Cost	Cost associated with GSA, commercial vehicles, autos, trucks, vans, tankers, other and includes lease costs, mileage, fuel and maintenance.
Fee	Should be accrued as earned using a consistent and auditable method to determine the amount. For example: an acceptable method would be to use historical data to determine the amount to accrue each month. Fee should be reported on the NF533M following the "Total Cost" line. Award fee must be reported by the following categories: Base Fee, Fee Earned, Interim Fee, Provisional Fee, Potential Additional Fee, and Total Fee. If any of the above fee categories do not pertain, they should not be included in the NF533M.
Recovery Plan	For those cases where cost incurred exceeds the planned amount, the contractor shall propose operating plan content trade offs or identify other proposed actions to stay within the approved operating plan.
Contract Value	The original contract value baseline amount plus definitized changes. Includes fee.
Negotiated Estimated Costs	Includes the estimated cost baseline amount plus definitized changes, and authorized adjustments to the baseline that have not been definitized. Does not include fee.
Direct Costs	Elements of cost associated with providing a service which can be identified to a benefiting customer.

Attachment 1

ELEMENTS OF COST

XXXXX	OVERHEAD
XXXXX	GENERAL & ADMINISTRATIVE (G&A)
XXXXX	AWARD FEE
XXXXX	CONTRACT LABOR – REGULAR PAY
XXXXX	CONTRACT LABOR – OVERTIME
XXXXX	CONTRACT LABOR – PREMIUM PAY
XXXXX	TEMPORARY DUTY PER DIEM/TRAVEL/ RELOCATION
XXXXX	LEASED VEHICLE COSTS
XXXXX	OPERATING LEASE COSTS/EQUIPMENT RENTAL
XXXXX	DEPRECIATION EXPENSE
XXXXX	SUB-CONTRACTS COSTS
XXXXX	TRAINING COSTS
XXXXX	MISCELLANEOUS CHARGES NOT IN OTHER EEICS
XXXXX	MATERIALS & SUPPLIES EXPENSES
XXXXX	EQUIPMENT PURCHASE EXPENSES
XXXXX	SHARED COST POOLS

Attachment 2

533 Reporting Table of Contents

533Q Report (due within 30 working days after authorization to proceed) (see 533Q Format)

533M Report (due 10 working days after the close of the accounting month) (see 533M Formats)

A. Cover Letter (Signed)
B. Cover
C. Inception of Date Summary
D. Prior Year Summary by Year
E. Current Year Summary
F. Current Year WBS Summary
G. Current Year Lowest Level WBS
H. Current Year by Customer Summary WBS
I. Current Year by Customer By Lowest Level WBS
J. Current Year by CLIN

Supplement to 533M Report

K. Narrative
L. Reconciliation of Changes
M. Analysis of Indirect Rates
N. Accounting Calendar
O. Cumulative Actual Costs to Budget Variance By Major Customers
P. Estimate at Completion

NF533Q Format

		QUARTERLY FINANCIAL MANAGEMENT REPORT SUMMARY: CONTRACT PERIOD x/xx-x/xx		2. REPORT FOR QUARTER BEGINNING
TO: **NASA KSC** **ATTN: CONTRACTING OFFICER**		FROM: **CONTRACTOR X**	3. CONTRACT VALUE **a. COST** xxxxxxxxxx	**b. FEE** xxxxxxxx
1. DESCRIPTION	a. TYPE	b. CONTRACT NO. AND LATEST DEFINITIZED AMENDMENT NO. **NAS x-xxxxx** **Mod xxx xx/xx/200X**	4. FUND LIMITATION xxxxxxxxx	
OF CONTRACT	c. SCOPE OF WORK **NAME OF CONTRACT**	d. AUTH. CONTR. REP (Signature) DATE **PROGRAM MANAGER**	5. BILLING a. INVOICE AMOUNTS BILLED (CRNI) **CR Only** xxxxxxxxxx **Invoice #xx (thru xx/xx/xx)**	b. TTL PYTS REC'D xxxxxxxxxx **Invoice #xx**

6. REPORTING CATEGORY	7. COST INCURRED/HOURS WORKED			8. ESTIMATED COST/HOURS TO COMPLETE										9. ESTIMATED FINAL COST/HOURS		
	CUM ACTUAL THRU PRIOR MONTH (a)	CURRENT MONTH ESTIMATE (b)	CUM ESTIMATE TO DATE (c)	MONTH (CONTRACT) (a)	MONTH ESTIMATE (b)	MONTH (c)	QUARTER (d)	QUARTER (e)	QUARTER (f)	BALANCE OF FY__ (g)	NEXT FY__ (h)	BALANCE OF CONTRACT (i)	TOTAL TO COMPLETE (j)	CONTRACT EAC (a)	CONTRACT VALUE (b)	EST'D COMPLETION DATE
TOTAL STRAIGHT TIME HOURS																
TOTAL OVERTIME HOURS																
Voluntary OT hours																
TOTAL HOURS																
WORK YEAR EQUIV (WYEs)																
DIRECT STRAIGHT TIME HOURS																
DIRECT OVERTIME HOURS																
DIRECT TOTAL																
LABOR COST																
Straight Time																
Overtime																
SUBC ST HOURS																
SUBC OT HOURS																
PAID LEAVE HOURS																
TOTAL OTHER HOURS																
SUBCONTRACTS COST																
OTHER DIRECT COST																
Material																
Subcontracts (Minor)																
Other Direct																
xxxxxx																
xxxxxx																
xxxxxx																
xxxxxx																
OVERHEAD																
Overhead																
Fringe																
TOTAL DIRECT COST																
G&A xx%																
SUBTOTAL COST																
FEE xx%																
SUBTOTAL COST																
Phase In																
CONTRACT TOTAL																

Use for Formats C through J

533M - TOTAL PROGRAM SUMMARY		MONTHLY FINANCIAL MANAGEMENT REPORT SUMMARY: CONTRACT PERIOD x/xx-x/xx	2. REPORT FOR MONTH ENDING AND NUMBER OF OPERATING DAYS xx-xx **Close Date:** xx/xx/xx xx OPD
TO: **NASA KSC** **ATTN: CONTRACTING OFFICER**		FROM: **CONTRACTOR X**	3. CONTRACT VALUE **a. COST** xxxxxxxxxx **b. FEE** xxxxxxxxx
1. DESCRIPTION OF CONTRACT	a. TYPE	b. CONTRACT NO. AND LATEST DEFINITIZED AMENDMENT NO. **NAS x-xxxxx** **Mod xxx xx/xx/200X**	4. FUND LIMITATION xxxxxxxxxx
	c. SCOPE OF WORK **NAME OF CONTRACT**	d. AUTH. CONTR. REP (Signature) DATE **PROGRAM MANAGER**	5. BILLING a. INVOICE AMOUNTS BILLED (CRNI) **CR Only** xxxxxxxxxx **Invoice #xx (thru xx/xx/xx)** b. TTL PYTS REC'D xxxxxxxxxx **Invoice #xx**

6. HOURS/COST ELEMENT	7. BASELINE ACTUAL / PLAN COST/HOURS				8. ESTIMATED COST/HOURS				9. ESTIMATED FINAL COST/HOURS		
	MONTHLY ACTUAL (a)	MONTHLY PLANNED (b)	CUMULATIVE ACTUAL (FY) (c)	CUMULATIVE PLANNED (CONTRACT) (d)	Next Mo. ESTIMATE (a)	2 Mo. Out ESTIMATE (b)	BALANCE OF CONTRACT (c)	FY EAC (SEP xx) (d)	CONTRACT EAC (a)	CONTRACT VALUE (b)	EAC Delta (c)
# Oper Days >	xx	xx			xx	xx					
TOTAL STRAIGHT TIME HOURS											
TOTAL OVERTIME HOURS											
Voluntary OT hours											
TOTAL HOURS											
WORK YEAR EQUIV (WYEs)											
DIRECT STRAIGHT TIME HOURS											
DIRECT OVERTIME HOURS											
DIRECT TOTAL											
LABOR COST											
Straight Time											
Overtime											
SUBC ST HOURS											
SUBC OT HOURS											
PAID LEAVE HOURS											
TOTAL OTHER HOURS											
SUBCONTRACTS COST											
OTHER DIRECT COST											
Material											
Subcontracts (Minor)											
Other Direct											
xxxxxx											
xxxxxx											
xxxxxx											
xxxxxx											
OVERHEAD											
Overhead											
Fringe											
TOTAL DIRECT COST											
G&A xx%											
SUBTOTAL COST											
FEE xx%											
SUBTOTAL COST											
Phase In											
CONTRACT TOTAL											

Format K: NARRATIVE

This is an opportunity to provide a narrative discussion to the government on contract status and performance.

Disclosures;
Accomplishments;
Any ground rules/clarifications;
Accounting period schedule for the next 12 months;
Definitions/generic calculations for each element of cost used in 533 (ex. hours, ODCs, O/H, G&A, etc.);
Methodology for estimates;
Prior period adjustments made during current period;
Noteworthy management decisions that occurred during the reporting period to make the government aware of actions that will affect technical or financial performance.

Examples – Analytical remarks on items materially affecting historical or projected costs; identify present causes of problems and their effects on cost and schedule, along with corrective actions; effects of technical problems, changes, or deficiencies regarding current performance and projected resource requirements.

Format L.	RECONCILIATION OF CHANGES		
(a)	Original Contract Value		$xxxxxxxx
(b)	Options Exercised		$xxxxxxxx
(c)	Other Supplemental Agreements		$xxxxxxxx
(a+b+c) = (d)	Present Contract Value thru MOD xxx		$xxxxxxxx
(e)	Authorized Undefinitized Changes	+/-	$xxxxxxxx
(f)	Anticipated future overrun/underrun	+/-	$xxxxxxxx
(d+e+f)	Contractor Estimate		$xxxxxxxx

Format M. ANALYSIS OF INDIRECT RATES

Element of Cost	Provisional Billing Rate	Ceiling Rate	Cum Actual Rate for FYXX	Op Plan Rate FYXX
Fringe Benefits	%	N/A	%	%
Overhead	%	N/A	%	%
G&A	%	%	%	%
Fee	% of Available	% of Available	%	%

Format N: Accounting Calendar

	WEEKS				DAYS	TOTAL HOURS	NON-PROD HOURS	PRODUCT HOURS
OCT	4	XX-Oct	xx		xx	xxx	xx.x	xxx.x
NOV	4	xx	xx		xx	xxx	xx.x	xxx.x
DEC	5	xx	xx		xx	xxx	xx.x	xxx.x
JAN	4	xx	xx		xx	xxx	xx.x	xxx.x
FEB	4	xx	xx		xx	xxx	xx.x	xxx.x
MAR	5	xx	xx		xx	xxx	xx.x	xxx.x
APR	4	xx	xx		xx	xxx	xx.x	xxx.x
MAY	4	xx	xx		xx	xxx	xx.x	xxx.x
JUN	5	xx	xx		xx	xxx	xx.x	xxx.x
JUL	4	xx	xx		xx	xxx	xx.x	xxx.x
AUG	4	xx	xx		xx	xxx	xx.x	xxx.x
SEP	5	xx	xx		xx	xxx	xx.x	xxx.x
					xxx	xxx	-	xxxx.x

Format O: (Month) FY XX CUM ACTUALS vs. BUDGET
FUND SOURCE EXPLANATION - MAJOR CUSTOMERS
(sheet for each customer)

Customer XX	FY XX Budget $xxxxxxx	(month) FY XX Cum Actuals $xxxxxxx	(month) FY XX Cum Budget $xxxxxxx	Delta $xxxxxxx

WBS	WBS Desc	Variance	Narrative Explanation
x.x.x		$xxxx	

(Explanations required if total variance is + or - 5% or $50K within the Elements of Costs, WBS, or Customer)

Format P: Estimate at Completion

This report shall be provided on the following schedule and as/of dates:
15 July as of 30 June
15 Aug as of 31 July
15 Sep as of 31 Aug

Format of the report will be as partnered with the government. Minimum content shall be as follows:

View 1	**WBS**	**CUSTOMER**	**OPERATING PLAN**	**ACTUAL COSTS YTD**	**EST COST TO 30 SEP**
View 2	**CUSTOMER**	**WBS**	**OPERATING PLAN**	**ACTUAL COSTS YTD**	**EST COST TO 30 SEP**

Shall include descriptions of how EAC's were developed, and a list of key assumptions made in developing the EAC.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-004

B. Line Item Title:

WBS 1.5.1, NF533M Flat File

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
GG	3	6	MO	Contract Effective Date + 30 Days	See Section J

J. Remarks:

Due 10 working days after the close of the Contractor's accounting period.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
GG-B (1D)	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Flat File, NF533M	1.5-004
3. Use Provides NASA with monthly and cumulative accumulated expenditures and projections of contract costs.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References NPR 9501.2D

8. Preparation Information

1. A flat file shall be provided that contains detail information for each Reporting Category (RC). A RC correlates to a task order, delivery order, or Work Breakdown Structure (WBS), and is the level at which cost is reported. Each RC can have Sub-Reporting Category line items (detailed cost elements) that add up to a RC. The Contractor is required to coordinate with the NASA Resource Analyst assigned to the Contract in order to establish and maintain the RC that the Contractor shall use to comply with this data requirement. The chart below describes the data elements to be included in this section of the flat file (see attached Exhibit A, Agency Defined File Format for specific layout details).

Data Element Name	Description
Reporting Category (RC)	Task, Delivery Order, Work Breakdown Structure
Cost Incurred for Month (7a)	Prior month actual cost incurred for each RC (column 7a on NF533M)
HR/WYE Incurred for Month (7a)	Prior month actual HR/WYE incurred for each RC (column 7a on NF533M)
Contract prior month planned cost (7b)	Planned cost for prior month for each RC (column 7b on NF533M)
Contract ITD cost (7c)	Contract ITD cost for each RC (column 7c on NF533M)
Contract planned ITD cost (7d)	Contract planned ITD cost for each RC (column 7d on NF533M)
Current month estimated cost (8a)	Cost estimate for the current month for each RC (column 8a on NF533M)
Current month estimated HR/WYE (8a)	HR/WYE estimate for the current month for each RC (column 8a on NF533M)
Next month estimated cost (8b)	Estimated cost for next month for each RC (column 8b on NF533M)
Balance of Contract	Balance of contract for the remaining estimate to complete for each RC (column 8c on NF533M)
Contractor Estimate	Contractor estimate for the total estimate to complete entire scope of contract for each RC (column 9a on NF533M)
Contract Value	Contract value based upon contract modifications for each RC (column 9c on NF533M)
Unfilled orders outstanding	Unfilled orders outstanding at the end of the reporting period for each RC (column 10 on NF533M)
Reporting Category level	Used by NASA's accounting system to determine the RC level
Reporting Category Identifier	Identifies if the RC is a actual Reporting Category or a Sub-Reporting

The flat file (see Exhibit A below) shall be saved as a text file with no extension (do not include .txt after the file name) and named in strict accordance with the specific format described in the attached Agency Defined File Format document.

A) EXAMPLE FLAT FILE FOR DISTRIBUTION

File names must be provided in a specific format. Each file name will begin with the SAP 2 Character center abbreviation listed below. The contract number and date will be included in the file name as well. Below is a sample:

MACFPS001_NAS00-0001_yyyy_mm_dd

SAP 2 Charter Center Abbreviations

Headquarters	HQ	Dryden	DR
Marshall	MA	Goddard	GO
Ames	AM	Stennis	ST
Glenn	GL	Johnson	JO
Langley	LA	Kennedy	KE

Header (Non-Repeating Segment)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	St Pos	EndPos	Len	Formt
HEADER:									
Record Type	Used by eGate to determine record type	'HD' for Header	Required	Required	RECORD_TYPE	1	2	2	CHAR
Contract Number	Contract Number (1b)	Header field—submitted with CONTRACTOR data or defaulted by interface or extension	Required	Required	CONTRACT_NUMBER	3	12	10	CHAR
	Latest definitive Modification Number(CR8197)				MOD_NUMBER	13	18	6	CHAR
Accrual Date	Date the data was generated for. Used by SAP as part of Oracle table key	Accrual Date. MM01YYYY, where MM is the Accrual Month and YYYY is the fiscal year	Required	Required	ACCRUAL_DATE	19	26	8	DATE MM01YYYY
Report Period End Date	Report Period End Date is a date(2)	Header field—submitted with CONTRACTOR	Required	Required	REP_END_DATE	27	34	8	DATE

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	St Pos	EndPos	Len	Formt
		data or defaulted by interface or extension							
Operating Days	Operating days (2).	Header field—submitted with CONTRACTOR data	Required	Optional unless Required by contract	OPER_DAYS	35	40	6	NUMERIC
Date Received	Date Received (1d)	System Date upon which the cost data is loaded into the CCR Extension	Required	Required	DATE_REC	41	48	8	DATE
CCR Format	'M' for Monthly and 'Q' for Quarterly (SIR2047)	Submitted with CONTRACTOR data	Required	Required	CCR_FORMAT	49	49	1	CHAR
Cost Unit of Measure	Cost Unit of Measure (SIR2047)	Submitted with CONTRACTOR data	Required	Required	COST_UOM	50	51	2	CHAR
HR/WYE Unit of Measure	Hour/Work-Year-Equivalent Unit of Measure (SIR2047)	Submitted with CONTRACTOR data	Required	Required	HR_WYE_UOM	52	53	2	CHAR
	Authorized Contractor Representative – Name of Contractor Approving Officer (CR 8197)				AUTH_SIGNATURE	54	78	25	CHAR
	Authorized Contractor Representative Date Signed – Date CCR is approved/signed by authorized contractor representative(CR 8197)				AUTH_SIGNATURE_DATE	79	86	8	DATE MMDDYYYY
Grand Total Cost Incurred Month (7a)	The Grand Total Contract Prior Month Actual Dollars Column 7a reports actual costs	Submitted with CONTRACTOR data	Required.	Optional. Only required if lower detailed line item data is submitted	GT_COST_INCUR_MONTH	87	99	13	CURRENCY (2)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	St Pos	EndPos	Len	Formt
	for the prior month.			in monthly batch file.					
Grand Total HR/WYE (7a)	The Grand Total Contract Prior Month Actual Hours Column 7a reports actual HR or WYE for the prior month.	Submitted with CONTRACTOR data	Required if detailed line item data is submitted in monthly batch file.	Required if detailed line item data is submitted in monthly batch file.	GT_HRWYE_PRIOR_MONTH	100	109	10	NUMERIC(1)
	The Grand Total Contract Prior Month Planned Dollars Column (7b) reports planned costs for the prior month. (CR8197)				GT_COST_PLANNED_MONTH	110	122	13	CURRENCY (2)
Grand Total Cost Incurred ITD (7c)	The Grand Total Contract Cost Dollars Column 7c which represents Contract Cost Inception to Date	Submitted with CONTRACTOR data	Required. Does not require detailed line item data if provided from Cost Incurred Month (7a)	Required if detailed line item data is provided for this column	GT_ITD_COST	123	135	13	CURRENCY (2)
	Grand Total Cotract Planned Cost Dollars Column (7d) which represents Planned Contract Cost Inception to Date(CR 8197)				GT_COST_PLANNED_ITD	136	148	13	CURRENCY (2)
Grand Total Estimated Cost (8a)	The Grand Total Contract Estimated Cost for first upcoming month, or Current Month Estimate for cost.	Submitted with CONTRACTOR data	Required	Required if detailed line item data is provided for this column	GT_EST_COST	149	161	13	CURRENCY (2)
Grand Total HR/WYE (8a)	The Grand Total Contract Estimated	Submitted with CONTRACTOR	Required if detailed line	Required if detailed line item	GT_HRWYE_FIRST_MONTH	162	171	10	NUMERIC (1)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	St Pos	EndPos	Len	Formt
	Hours for first upcoming month, or Current Month Estimate for HR/WYE.	data	item data is provided for this column	data is provided for this column					
Grand Total Next Month Estimated Cost (8b)	The Grand Total Contract Estimated Cost for second upcoming month or Next Month Estimate for cost.	Submitted with CONTRACTOR data	Required if detailed line item data is provided for this column	Required if detailed line item data is provided for this column	GT_NEXT_MONTH_EST	172	184	13	CURRENCY (2)
	Grand Total Balance of Contract for the remaining estimate to complete (CR 8197)				GT_BALANCE_CONTRACT	185	197	13	CURRENCY (2)
	Grand Total Contractor Estimate for the total estimate to complete entire scope of contract (CR 8197)				GT_BALANCE_CONTRACTOR_ESTIMATE	198	210	13	CURRENCY (2)
	Grand Total Contract Value based upon Contract Modifications (CR 8197)				GT_CONTRACT_VALUE	211	223	13	CURRENCY (2)
	Grand Total Unfilled Orders Outstanding at end of reporting period (CR 8197)				ST_UNFILLED ORDERS	224	236	13	CURRENCY (2)

Example File Format

Detail (Repeating Segment)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	St Pos	End Pos	Len	Format
CCR DETAIL LINE ITEMS:									
Record Type	'DM' for Monthly column 7a Detail; 'DQ' for ITD Column 7c Detail	"RD" for Detail	Required	Required	RECORD_TYPE	1	2	2	CHAR
Reporting Category	Reporting Category (6)	Line item field—submitted with CONTRACTOR data	Required	Required	SERV_ORD_CAT	3	26	24	CHAR
Cost Incurred Month (7a)	Prior Month incurred costs (ACTUALS) for given category.	Line item field—submitted with CONTRACTOR data	Required if detailed line item data is not provided from Cost Incurred Month (7c)	Determined by contract requirement- data from Column 7a, 7c or 8a	COST_INCUR_MONTH	27	39	13	CURRENCY (2)
HR/WYE Incurred Month (7a)	Prior month incurred hours worked [Actuals] for given category..	Line item field—submitted with CONTRACTOR data	Optional unless Required by contract for WYE calculation	Optional unless Required by contract for WYE calculation	HRWYE_INCUR_MONTH	40	49	10	NUMERIC (1)
	Contract Prior Month Planned Dollars Column (7b) reports planned costs for the prior month (CR 8197)				COST_PLANNED_MONTH	50	62	13	CURRENCY (2)
	Contract Cost Dollars Column (7c) which represents Contract Cost				CUR_COST_INCUR_ITD	63	75	13	CURRENCY (2)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	St Pos	End Pos	Len	Format
	Inception to Date (CR 8197)								
	Contract Planned Cost Dollars Column (7d) which represents Planned Contract Cost Inception to Date (CR 8197)				COST_PLANNED_ITD	76	88	13	CURRENCY (2)
Current Month Estimated Cost (8a)	Estimated costs for first upcoming month for given category.	Line item field—submitted with CONTRACTOR data	Required.	Determined by contract requirement- data from Column 7a, 7c or 8a	CUR_MONTH_EC	89	101	13	CURRENCY (2)
HR/WYE Current Month Estimate (8a)	Estimated hours for first upcoming month for given category. Will only be needed if labor hours are required to be submitted electronically per contract.	Line item field—submitted with CONTRACTOR data	Optional unless Required by contract for WYE calculation	Optional unless Required by contract for WYE calculation	HRWYE_CUR_MONTH_EST	102	111	10	NUMERIC (1)
Next Month Estimated Cost (8b)	Estimated costs for second upcoming month for given category.	Line item field—submitted with CONTRACTOR data	Required unless not part of Contract scope	Required unless not part of Contract scope	NEXT_MONTH_EC	112	124	13	CURRENCY (2)

	Balance of Contract for the remaining estimate to complete (8c) (CR 8197)				BALANCE_CONTRACT	125	137	13	CURRENCY (2)
	Contractor Estimate for the total estimate to complete entire scope of contract (9a) (CR 8197)				CONTRACTOR_ESTIMATE	138	150	13	CURRENCY (2)
	Contract Value based upon Contract Modifications (CR 8197)				CONTRACT_VALUE	151	163	13	CURRENCY (2)
	Unfilled Orders Outstanding at end of reporting period (CR 8197)				UNFILLED ORDERS	164	176	13	CURRENCY (2)
	Used by SAP to determine Reporting Category Level (1.1.2.2.1) (CR 8197)				REPORTING_LEVEL	177	206	30	CHAR
	Fill in an "X" if record is a Reporting Category. Otherwise, leave blank for Sub-Reporting Category Line Items and Element of Cost detail records. This field is used by SAP to determine if the record is a Reporting Category. (CR 8197)				REPORTING_CAT_INDICATOR	207	207	1	CHAR

Example File Format
Sub-Reporting Category Line Items – Repeating Segment

Field Name	Start Pos	End Pos	Length	Format	Variable Repetition (?,*,+,n-n)	Description
SUB_RECORD_TYPE	1	2	2	CHAR		'SM' for Monthly column 7a Detail; 'SQ' for ITD column Detail
SUB_REP_CAT	3	26	24	CHAR		Reporting Category
SUB_COST_INCUR_MONTH	27	39	13	CURRENCY (2)		Prior month incurred costs (Actuals) for given category.
SUB_HRWYE_INCUR_MONTH	40	49	10	NUMERIC (1)		Prior month incurred hours worked (Actuals) for given category.
SUB_COST_PLANNED_MONTH	50	62	13	CURRENCY (2)		Contract Prior Month Planned Dollars Column **(7b)** reports planned costs for the prior month.
SUB_CUR_COST_INCUR_ITD	63	75	13	CURRENCY (2)		Contract Cost Dollars Column **(7c)** which represents Contract Cost Inception to Date.
SUB_COST_PLANNED_ITD	76	88	13	CURRENCY (2)		Contract Planned Cost Dollars Column **(7d)** which represents Planned Contract Cost Inception to Date.
SUB_CUR_MONTH_EC	89	101	13	CURRENCY (2)		Estimated costs for first upcoming month for given category **(8a)**.
SUB_HRWYE_CUR_MONTH_EST	102	111	10	NUMERIC (1)		Estimated hours for first upcoming month for given category. Will only be needed if labor hours are required to be submitted electronically per contract **(8a).**
SUB_NEXT_MONTH_EC	112	124	13	CURRENCY (2)		Estimated costs for second upcoming month for given category **(8b)**.
SUB_BALANCE_CONTRACT	125	137	13	CURRENCY (2)		Balance of Contract for the remaining estimate to complete **(8c)**.
SUB_CONTRACTOR_ESTIMATE	138	150	13	CURRENCY (2)		Contractor Estimate for the total estimate to complete entire scope of contract **(9a)**.
SUB_CONTRACT_VALUE	151	163	13	CURRENCY (2)		Contract Value based upon Contract Modifications **(9b)**.
SUB_UNFILLED_ORDERS	164	176	13	CURRENCY (2)		Unfilled Orders Outstanding at end of reporting period.
REPORTING_LEVEL	177	206	30	CHAR		Used by SAP to determine Reporting Category Level (1.1.2.2.1) **(CR 8197).**
REPORTING_CAT_INDICATOR	207	207	1	CHAR		Fill in an "X" if record is a Reporting Category. Otherwise, leave Blank for Sub-Reporting Category Line Items and Element of Cost detail records. This field is used by SAP to determine if the record is a Reporting Category. **(CR 8197)**

Example File Format
533M Agency FILE RECORD LAYOUT (Element of Cost Detail – Repeating Segment (CR8197))

Field Name	Start Pos	End Pos	Length	Format	Variable Repetition (?,*,+,n-n)	Description
RECORD_TYPE	1	2	2	CHAR		'**EM**' for Monthly column 7a Detail; '**EQ**' for ITD column Detail
EOC_REP_CAT	3	26	24	CHAR		Reporting Category
EOC _COST_INCUR_MONTH	27	39	13	CURRENCY (2)		Prior month incurred costs (Actuals) for given category.
EOC _HRWYE_INCUR_MONTH	40	49	10	NUMERIC (1)		Prior month incurred hours worked (Actuals) for given category.
EOC _COST_PLANNED_MONTH	50	62	13	CURRENCY (2)		Contract Prior Month Planned Dollars Column **(7b)** reports planned costs for the prior month.
EOC _CUR_COST_INCUR_ITD	63	75	13	CURRENCY (2)		Contract Cost Dollars Column **(7c)** which represents Contract Cost Inception to Date.
EOC _COST_PLANNED_ITD	76	88	13	CURRENCY (2)		Contract Planned Cost Dollars Column **(7d)** which represents Planned Contract Cost Inception to Date.
EOC _CUR_MONTH_EC	89	101	13	CURRENCY (2)		Estimated costs for first upcoming month for given category **(8a)**.
EOC _HRWYE_CUR_MONTH_EST	102	111	10	NUMERIC (1)		Estimated hours for first upcoming month for given category. Will only be needed if labor hours are required to be submitted electronically per contract **(8a)**.
EOC _NEXT_MONTH_EC	112	124	13	CURRENCY (2)		Estimated costs for second upcoming month for given category **(8b)**.
EOC _BALANCE_CONTRACT	125	137	13	CURRENCY (2)		Balance of Contract for the remaining estimate to complete **(8c)**.
EOC _CONTRACTOR_ESTIMATE	138	150	13	CURRENCY (2)		Contractor Estimate for the total estimate to complete entire scope of contract **(9a)**.
EOC _CONTRACT_VALUE	151	163	13	CURRENCY (2)		Contract Value based upon Contract Modifications **(9b)**.
EOC _UNFILLED_ORDERS	164	176	13	CURRENCY (2)		Unfilled Orders Outstanding at end of reporting period.
REPORTING_LEVEL	177	206	30	CHAR		Used by SAP to determine Reporting Category Level (1.1.2.2.1) **(CR 8197).**
REPORTING_CAT_INDICATOR	207	207	1	CHAR		Fill in an "X" if record is a Reporting Category. Otherwise, leave Blank for Sub-Reporting Category Line Items and Element of Cost detail records. This field is used by SAP to determine if the record is a Reporting Category. **(CR 8197)**

Example File Format

Trailer (provides the number of header & detail records sent from the contractor/vendor/center in order to verify the receipt of complete data after transmission)

CCR Extension Data Element	Description	Contractor Initial Data Mapping	NF 533M Required/Optional	OTHER CCR Required/Optional	Field Name	Start Pos	End Pos	Length	Format
TRAILER:									
Record Type	Used by eGate to determine record type	"TL" for Trailer	Required	Required	RECORD_TYPE	1	2	2	CHAR
Record Count	Count of the number of Detail records sent to process (Detail Only)	Trailer field submitted with CONTRACTOR data	Required	Required	RECORD_COUNT	3	9	7	NUMERIC
	Value of spaces				FILLER	10	207	198	CHAR

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-005

B. Line Item Title:

WBS 1.5.1, Plan, Annual Phased Contract Operating

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A	3	6	AN, with updates	Contract Effective Date + 60 Days	See Block J

J. Remarks:

Annual report is due on/about seventh month of calendar year.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-A (2A) (1D)	2	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Annual Phased Contract Operating	1.5-005
3. Use This report will be used by the Government to ensure that planned contract effort is consistent with requirements and planned level of funding.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Contractor shall develop and manage an annual Contract Operating Plan by government fiscal year on the basis of customer, WBS, and element of cost, with monthly execution and variance analysis to ensure total contract costs have been reconciled. The Government will require several views of this data, and may require updates to the plan during the operating year. The operating plan shall be transmitted by a letter, detailing operating plan assumptions, manifest used to develop the plan, and other information considered in developing the plan.

Plan shall include an attachment showing a reconciliation of contract value to the operating plan value, including the detailed reconciling items such as negotiated adjustments and undefinitized adjustments.

ANNUAL, PHASED CONTRACT OPERATING PLAN

By Customer, WBS, and Element of Cost ($K)

Customer: XX	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
PRIME LABOR DOLLARS												
xxxx S/T Labor - Prime												
xxxx O/T Labor - Prime												
Subtotal Prime Labor												
PRIME LABOR HOURS												
xxxx S/T Labor - Prime												
xxxx O/T Labor - Prime												
Subtotal Prime Hours												
PRIME LABOR WYE's												
xxxx S/T Labor - Prime												
xxxx O/T Labor - Prime												
Subtotal Prime WYE's												
SUB LABOR DOLLARS												
xxxx S/T Labor - Sub												
xxxx O/T Labor - Sub												
Subtotal Sub Labor												
SUB LABOR HOURS												
xxxx S/T Labor - Sub												
xxxx O/T Labor - Sub												
Subtotal Sub Hours												
SUB LABOR WYE's												
xxxx S/T Labor - Sub												
xxxx O/T Labor - Sub												
Subtotal Sub WYE's												
TOTAL CONTRACT WYE's												
xxxx Contract S/T Labor												
xxxx Contract O/T Labor												
Subtotal Contract WYE's												
LABOR SUBTOTAL												
NON LABOR DOLLARS												
xxxx Travel/TDY/Misc Exp												
xxxx Subcontracts												
xxxx Training												
xxxx Misc ODC												
xxxx Indirect												
xxxx Lease Vehicle												
xxxx Operating Leases												
xxxx Depreciation												
xxxx Equipment												
xxxx Mat'ls & Supplies												
xxxx Oth Misc Charges												
Non-Labor Subtotal												
Total Direct Cost												
xxxx Overhead												
Total Cost												
xxxx G&A												
Subtotal Before Fee												
xxxx Fee												
Total xxxx												

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-006

B. Line Item Title:

WBS 1.5.1, Report, Rate-Volume Variance Analysis

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A	3	6	MO	See J	Prior Acctg Period/15

J. Remarks:

Product shall be compatible with Microsoft Excel software.

G. Close of Contractor's Accounting Period + 15 days

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-A (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Rate-Volume Variance Analysis	1.5-006
3. Use This report will be used by the Government to analyze variances between the Operating Plan and actual performance.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Contractor shall provide an Analysis of Actual to Planned Costs at the WBS level to include volume and rate analysis. The contractor shall partner with the government on the development of variance explanations to ensure common understanding and reporting. Various explanations will be at the element of cost level. Sample format attached.

RATE-VOLUME VARIANCE ANALYSIS REPORT
BY WBS BY CUSTOMER BY ELEMENT OF COST

RATE/VOLUME VARIANCE REPORT
Month, Year - Cum Prod Hrs: x,xxx.x

WBS & TITLE	PLAN HOURS	PLAN AMOUNT	ACTUAL HOURS	ACTUAL AMOUNT	VARIANCE HOURS	VARIANCE AMOUNT	PLAN RATE	ACT RATE	RATE VAR	VOL VAR $	RATE IMPACT
1.0 MANAGEMENT											
TOTAL											
xxxx S/T Labor - Prime	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
xxxx S/T Labor - Subs	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Total S/T Labor	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
xxxx O/T Labor - Prime	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
xxxx O/T Labor - Subs	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Total O/T Labor	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
xxxx Premium Labor - Prime				xx	xx	xx	xx	xx	xx	xx	xx
xxxx Premium Labor - Subs				xx	xx	xx	xx	xx	xx	xx	xx
Total Premium Labor				xx	xx	xx	xx	xx	xx	xx	xx
Total Labor	xx	xx	xx	xx							
Total FTE's											
Overtime %											
xxxx Travel		xxx		xxx		xxx					
xxxx Subcontracts		xxx		xxx		xxx					
xxxx Training		xxx		xxx		xxx					
xxxx Misc ODC		xxx		xxx		xxx					
xxxx Equipment		xxx		xxx		xxx					
Total Non-Labor		xxx		xxx		xxx					
Total Direct Cost		xxx		xxx		xxx					
xxxx Overhead		xxx		xxx		xxx					
xxxx G&A		xxx		xxx		xxx					
Total OH & G&A		xxx		xxx		xxx					
		xxx		xxx		xxx					
Total Cost		xxx		xxx		xxx					
xxxx Fee		xxx		xxx		xxx					
Total xxxx		xxx		xxx		xxx					
Overhead %								xx.xx%	xx.xx%	x.xx%	
G&A %								x.xx%	x.xx%	x.xx%	
Fee %								x.xx%	x.xx%	x.xx%	

VARIANCE EXPLANATION:

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-007

B. Line Item Title:

WBS 1.5.1, Report, Direct and Indirect Rates

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A	3	6	SA	April 15, 2009	See J

J. Remarks:

Reviews shall be conducted no less than semi-annually. Out-of-cycle reviews may be requested by the Government when an event or other circumstances warrant. Data shall be submitted no later than Oct 15 and Apr 15 each year. Briefings shall be conducted within 2 weeks of report submittal. Contractor planning estimates that deviate from contract value shall be explained in detail. Submittals and reviews shall cover a combination of current and previous FY data to ensure data for each FY is captured in its entirety. End of year actual costs (Oct 15 data) shall be provided as a baseline comparison for estimates in the next fiscal year. Type "D" electronic versions shall be compatible with Microsoft Excel. K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-A (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Direct and Indirect Rates	1.5-007
3. Use To monitor trends for direct and indirect rate actual costs against contract value to understand variances. To assess any cost/budget impacts for current and future contract years. To determine the basis for changes and to determine whether rate changes are within or outside the contractor's control.	4. Date
	5. Organization
7. Interrelationship	6. References

8. Preparation Information

For each sub-element listed below, the contractor shall identify the basis for any change, assess the estimated cost impact (up or down) by contract year, and provide rationale and a risk/cost analysis to justify cost increases that cannot be offset without impact to the Government for changes within their control. Sample formats with content & submission milestones are attached. Any Contractor format changes and/or briefing formats shall be partnered with the Government to ensure products and reviews meet the needs of both parties. Sub-elements and data to be reviewed shall include, but not be limited to, the following:

INDIRECT RATES:
Fringe Benefits/Non-Productive Pool Expenses: holiday, other paid absence, personal/sick leave, vacation
Fringe Benefits/Payroll Pool Expenses: FICA SS, FICA medical, state unemployment, federal unemployment, workers compensation.
Fringe benefits/Other Expenses: group insurance, insurance disability, life insurance, pension, company match 401K, tuition reimbursement, VEBA Trust.
Total fringe benefit expense, total labor base, total fringe application rate.

DIRECT RATES: Productive/non-productive hours, regular/overtime/premium hours, and average unloaded wage rate for SGS and, if available, for each subcontractor. Level of staffing by WBS. Other data to be provided includes the basis for labor rates (e.g. CBA, DOL, management action) and escalation factor(s) by labor category or skills code. Each reporting period, the report shall contain an itemized list of any wage rate changes since the previous report by labor category or skills code to reflect old and new unloaded labor rate with explanation of the basis of change and any impact or offsets to contract value. The Government reserves the right to drill down to WBS or labor category level for analysis.

G&A RATE: Labor & non-labor elements, total G&A, G&A base, G&A rate.

OVERHEAD RATE (excluding Direct Reallocation): Labor and non-labor elements (e.g. equipment, subcontracts, miscellaneous other direct costs, supply/material). Total overhead value, overhead base, and overhead rate.

Index of Direct and Indirect Rates Reports

GFY-XX Fringe - Contract Value to Actuals Comparison
GFY-XX Fringe - EAC to Contract Value Comparison
GFY-XX Overhead - Contract Value to Actuals Comparison
GFY-XX Overhead - EAC to Contract Value Comparison
GFY-XX G&A - Contract Value to Actuals Comparison
GFY-XX G&A - EAC to Contract Value Comparison
Prime and Subcontractor Wage Rate

Format a: GFY-XX Fringe
Contract Value to Actuals Comparison

	Final FYXX Contract Value	Actuals Oct - Sept	Delta Actuals - Contract FY'XX	Explanation
Pool XX - Non Productive				
Holiday	XXX	XXX	XXX	
Vacation	XXX	XXX	XXX	
Personal/Sick Leave	XXX	XXX	XXX	
Sick Leave Accrued	XXX	XXX	XXX	
Other Paid Leave	XXX	XXX	XXX	
Severance	XXX	XXX	XXX	
Reserved	XXX	XXX	XXX	
Total Non-Productive Expense	XXX	XXX	XXX	
Pool XX - Other				
Group Insurance	XXX	XXX	XXX	
Insurance Disability	XXX	XXX	XXX	
Insurance Life	XXX	XXX	XXX	
Pension	XXX	XXX	XXX	
Tuition Reimbursement	XXX	XXX	XXX	
Fringes - Other	XXX	XXX	XXX	
Uniform Allowance	XXX	XXX	XXX	
Total Other Fringe Expense	XXX	XXX	XXX	
Pool XX - Payroll				
FICA SS	XXX	XXX	XXX	
FICA Medical	XXX	XXX	XXX	
State Unempl	XXX	XXX	XXX	
Fed Unemp	XXX	XXX	XXX	
Workers Comp	XXX	XXX	XXX	
General Liability	XXX	XXX	XXX	
Total Payroll Expense	XXX	XXX	XXX	
Total Labor Base	XXX	XXX	XXX	
Total Expense Pool	XXX	XXX	XXX	
Total Fringe Rate	XXX	XXX	XXX	

Format b: GFY-XX Fringe
EAC to Contract Value Comparison

	Contract Value	Actuals Oct - Mar	ETC Apr - Sep	EAC	EAC - Contract Value	Explanation
Pool XX - Non Productive						
Holiday	xxx	xxx	xxx	xxx	xxx	
Vacation	xxx	xxx	xxx	xxx	xxx	
Personal/Sick Leave	xxx	xxx	xxx	xxx	xxx	
Sick Leave Accrued	xxx	xxx	xxx	xxx	xxx	
Other Paid Leave	xxx	xxx	xxx	xxx	xxx	
Severance	xxx	xxx	xxx	xxx	xxx	
Reserved	xxx	xxx	xxx	xxx	xxx	
Total Non-Productive Expense	xxx	xxx	xxx	xxx	xxx	
Pool XX - Other						
Group Insurance	xxx	xxx	xxx	xxx	xxx	
Insurance Disability	xxx	xxx	xxx	xxx	xxx	
Insurance Life	xxx	xxx	xxx	xxx	xxx	
Pension	xxx	xxx	xxx	xxx	xxx	
Tuition Reimbursement	xxx	xxx	xxx	xxx	xxx	
Fringes - Other	xxx	xxx	xxx	xxx	xxx	
Uniform Allowance	xxx	xxx	xxx	xxx	xxx	
Total Other Fringe Expense	xxx	xxx	xxx	xxx	xxx	
Pool XX - Payroll						
FICA SS	xxx	xxx	xxx	xxx	xxx	
FICA Medical	xxx	xxx	xxx	xxx	xxx	
State Unempl	xxx	xxx	xxx	xxx	xxx	
Fed Unemp	xxx	xxx	xxx	xxx	xxx	
Workers Comp	xxx	xxx	xxx	xxx	xxx	
General Liability	xxx	xxx	xxx	xxx	xxx	
Total Payroll Expense	xxx	xxx	xxx	xxx	xxx	
Total Labor Base	xxx	xxx	xxx	xxx	xxx	
Total Expense Pool	xxx	xxx	xxx	xxx	xxx	
Total Fringe Rate	xxx	xxx	xxx	xxx	xxx	

Format d: GFY-XX Overhead
Indirect Rate Review
EAC to Contract Value Comparison

Element	Updated Contract Value	Actuals Oct - Mar	ETC Apr - Sep	EAC	Delta EAC-Contract Value	Explanation
Labor Total	xxx	xxx	xxx	xxx	xxx	
Non Labor						
Equipment	xxx	xxx	xxx	xxx	xxx	
Misc ODC	xxx	xxx	xxx	xxx	xxx	
Supply / Material	xxx	xxx	xxx	xxx	xxx	
Other Non Labor	xxx	xxx	xxx	xxx	xxx	
Non Labor Subtotal	xxx	xxx	xxx	xxx	xxx	
Total Overhead	xxx	xxx	xxx	xxx	xxx	
Overhead Base	xxx	xxx	xxx	xxx	xxx	
Rate	xxx	xxx	xxx	xxx	xxx	

Format e: GFY-XX G&A
Indirect Rate Review
Contract Value to Actuals Comparison

	Contract Value	Actuals Oct - Sept	Delta Actuals-Contract Value	Explanation
Total G&A Expense	XX	XX	XX	
Base	XX	XX	XX	
G&A %	%	%	%	

Format f: GFY-XX GFY-XX G&A
Indirect Rate Review
EAC to Contract Value Comparison

	Contract Value	EAC	Delta EAC - Contract Value	Explanation
Total G&A Expense	XX	XX	XX	
Base	XX	XX	XX	
G&A %	%	%	%	

Format g: Prime and Subcontractor Wage Rate Analysis
As of (date)

	(date) Prior Period			(date) Current Period			Delta			
Company	Hdct	Unburdened	Burdened	Hdct	Unburdened	Burdened	Hdct	Unburdened	Burdened	Comments
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	XX	$ XX.XX	$ XX.XX	
Total	0			0			0			

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-008

B. Line Item Title:

WBS 1.5.1, Report, Prime and Subcontractor Contract Value (CV) Status

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-A	3	6	QU	April 15, 2009	180/15

J. Remarks:

Reviews shall be conducted no less than semi-annually. Out-of-cycle reviews may be requested by the Government when circumstances warrant. Data shall be submitted no later than Oct 15, Jan 15, Apr 15, and Jul 15 each year. Briefings shall be conducted within 2 weeks of data submittal for the Oct 15 and Apr 15 reports. The Oct 15 review shall contain a comparison of actual costs to negotiated contract values. End of year actual costs (Oct 15 data) shall be provided as a baseline comparison for estimates in the next fiscal year.

K. D = Electronic Submission

K. Distribution	Totals No.	Totals Type
TA-A (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2. Number
Report, Prime and Subcontractor Contract Value (CV) Status	1.5-008
3. Use Create and sustain an auditable trail for negotiated contract changes and internal Contractor work alignments between the Government and the prime and from the prime to subs. Ensure negotiated changes are processed in a timely manner between all parties. Monitor actual costs against CV and AOP/EAC.	4. Date 5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

Sample formats are attached. Any Contractor format changes and /or briefing formats shall be partnered with the Government to ensure products and reviews meet the needs of both parties. Formats shall be compatible with microsoft excel.

Information shall include, but not be limited to, data in attached sample formats. The Contractor may provide additional supporting documentation for clarity or substantiation.

The Contractor shall identify and explain internal alignments of work requirements and/or contract value between prime and subcontractor or subcontractor to subcontractor to include rationale, any impact, contract dollar value from and to, and any benefit to the Government as a result of the transfer.

Format a: PRIME AND SUBCONTRACTOR CONTRACT VALUE (CV) REPORT AND REVIEW

COMPARISON OF CONTRACT VALUE TO AOP

As of Date:
Through Modification #:

CONTRACT TYPE TITLE		Col B Initial Period FY XX ADJUSTED CONTRACT VALUE (as reported on X/XX/XX)	Col C NOTES	COL D FYXX CONTRACT CHANGE NET VALUE	COL E FY XX CONTRACT ADJUSTED VALUE	COL F FY XX AOP Rev I	COL G VARIANCE (E-F)	COL I VARIANCE EXPLANATION
PRIME:								
XXXX					$0			
Overhead								
G & A								
	TOTAL				**$0**	**$0**	**$0**	
TEAM MEMBERS:								
XXX (FFP & IDIQ)					$0		$0	
					$0		$0	
					$0		$0	
					$0		$0	
					$0		$0	
					$0		$0	
					$0		$0	
					$0		$0	
TOTAL PRIME SUB		**$0**		**$0**	**$0**	**$0**	**$0**	
TOTAL PRIME SUB VARIANCE							**$0**	

OTHER SUBCONTRACTOR MEMBERS:

CONTRACT TYPE OTHER TITLE	FY XX ADJUSTED CONTRACT VALUE (as negotiated with the government)			FY XX CONTRACT VALUE	FY XX AOP	VARIANCE (E-F)	VARIANCE EXPLANATION
XXX (FFP/IDIQ)	$0		$0	$0	$0	$0	
			$0	$0	$0	$0	
			$0	$0	$0	$0	
	$0				$0		
TOTAL CV/AOP/VARIANCE W/O FEE	**$0**		**$0**	**$0**	**$0**	**$0**	

Format b: Contract Value Adjustments

Prime	**CV**	**$xxx,xxx,xxx**	Mod xxx FYxx CV - $xx - Prime & Subs
	(as reported on x/xx/xx)		
		xx,xxx	CIP xx (desc)
		-xx,xxx	CIP xx (desc)
		xx,xxx	CCR xx (desc)
		xx,xxx	CCR xx (desc)
		xx,xxx	CCR xx (desc)
	NEW ADJUSTED CV	**$xxx,xxx,xxx**	
(Each Sub)	**CV**	xx,xxxx,xxx	Adjusted Contract Value (as reported on xx/xx/xx)
	(as reported on 4/15/06)	xx,xxx	CIP xx (desc)
		-xx,xxx	CIP xx (desc)
	Adjusted Value	**$xxx,xxx,xxx**	
	(based on Prime Mods)		
		xx,xxx	(Desc)
		xx,xxx	(Desc)
		xx,xxx	(Desc)
	NEW ADJUSTED CV	**$xxx,xxx,xxx**	

Format c: Annual Operating Plan Adjustments

Prime	Adjusted CV	$xxx,xxx,xxx	
	AOP	$xxx,xxx,xxx	
	VARIANCE	$xxx,xxx,xxx	
(Each Subcontractor)	Adjusted CV	$xxx,xxx,xxx	
	AOP	$xxx,xxx,xxx	
	VARIANCE	$xxx,xxx,xxx	
	Reason 1	$xxx,xxx,xxx	(Description)
	Reason 2	$xxx,xxx,xxx	(Description)
	Reason 3	$xxx,xxx,xxx	(Description)
	Reason 4	$xxx,xxx,xxx	(Description)
	Reason 5	$xxx,xxx,xxx	(Description)
	Reason 6	$xxx,xxx,xxx	(Description)
	Reason 7	$xxx,xxx,xxx	(Description)
	Reason 8	$xxx,xxx,xxx	(Description)

(Each Subcontractor) Variance Explained _____

$xxx,xxx,xxx

Format d: CONTRACT VALUE STATUS FOR PRIME AND SUBCONTRACTORS

Comparison of CV to SCV

As of Date:
Through Modification #:

CONTRACT TYPE TITLE		Col B Initial Period FY XX ADJUSTED CONTRACT VALUE (as reported on X/XX/XX)	Col C CONTRACT CHANGE NET VALUE	COL D FYXX CONTRACT ADJUSTED VALUE	COL E FY XX CONTRACT VALUE (as negotiated between the prime & sub)	COL F VARIANCE (D - F)	COL I VARIANCE EXPLANATION
PRIME:							
XXXX					$XX		
Overhead							
G & A							
	TOTAL				$XX	$XX	
TEAM MEMBERS:							
XXX (FFP & IDIQ)					$XX	$XX	
					$XX	$XX	
					$XX	$XX	
					$XX	$XX	
					$XX	$XX	
					$XX	$XX	
					$XX	$XX	
					$XX	$XX	
TOTAL PRIME SUB		$XX		$XX	$XX	$XX	
TOTAL PRIME SUB VARIANCE						$XX	

OTHER SUBCONTRACTOR MEMBERS:

CONTRACT TYPE OTHER TITLE	FY XX ADJUSTED CONTRACT VALUE (as reported on xx/xx/xx)			
XXX (FFP/IDIQ)	$XX	$XX	$XX	$XX
		$XX	$XX	$XX
		$XX	$XX	$XX
	$XX			
TOTAL CV/AOP/VARIANCE W/O FEE	$XX	$XX	$XX	$XX

EXPLANATIONS

Format e: CV - SCV Variance Explanations

(Each Subcontractor)	Adjusted CV	xx,xxx,xxx
	SCV	xx,xxx,xxx
	Variance	xx,xxx,xxx

$ - Sub-total

(Subcontractor) VARIANCE EXPLAINED $ -

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-009

B. Line Item Title:

WBS 1.5.1, Report, Phased Negotiated Estimated Cost (NEC) Baseline

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
OP	3	6	RT	Contract Effective Date + 30 Days	See Block J

J. Remarks:

The Phased NEC Baseline Report is due within 30 days of Contract Effective Date, and a revised version is due within 30 days of any subsequent authorized NEC baseline changes. This report shall be compatible with Microsoft Excel software.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
OP (1D) (1A)	2	D
TA-A (1D)	1	A

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Phased Negotiated Estimated Cost (NEC) Baseline	1.5-009
3. Use This report will be used by NASA, Kennedy Space Center to compare Negotiated Estimated Cost (NEC) to actual contract performance for the purpose of Award Fee evaluation.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

Within 30 days of contract effect date, the Contractor shall submit a time-phased NEC baseline report detailing, in six-month intervals, how costs are projected to be incurred. The total estimated cost and direct labor hours reflected in the baseline report must equal the contract value for the total contract period. The report shall be at the lowest level of the WBS structure and shall reflect data for all elements of cost identified in DRD 1.5-003, *Contractor Financial Management Analysis, NASA Form 533M & NASA Form 533Q Reports.* The report shall be revised each time a contract modification is executed that increases or decreases the contract estimated cost. The report shall be updated, as necessary, during the contract performance by submission of revised pages for approval by the Contracting Officer. The report(s) shall be in the attached format.

DRD 1.5-009 Report, Phased Negotiated Estimated Cost (NEC) Baseline

NEC Baseline Report

PHASED NEGOTIATED ESTIMATED COST (NEC) CONTRACT BASELINE REPORT SUMMARY: CONTRACT PERIOD x/xx-x/xx			2. REPORT FOR PERIOD BEGINNING
TO: **NASA KSC** **ATTN: CONTRACTING OFFICER**	FROM: **CONTRACTOR X**	3. CONTRACT VALUE **a. COST** xxxxxxxxxx	**b. FEE** xxxxxx
1. DESCRIPTION OF CONTRACT — a. TYPE	b. CONTRACT NO. AND LATEST DEFINITIZED AMENDMENT NO. **NAS x-xxxxx** **Mod xxxx/xx/200X**		
c. SCOPE OF WORK **NAME OF CONTRACT**	d. AUTH. CONTR. REP (Signature) **PROGRAM MANAGER**	DATE	

4. REPORTING CATEGORY	4. ESTIMATED COST/HOURS TO COMPLETE															CONTRACT TOTAL
	YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5			
	Oct - Mar	Apr - Sep	TOTAL	Oct - Mar	Apr - Sep	TOTAL	Oct - Mar	Apr - Sep	TOTAL	Oct - Mar	Apr - Sep	TOTAL	Oct - Mar	Apr - Sep	TOTAL	
TOTAL STRAIGHT TIME HOURS																
TOTAL OVERTIME HOURS																
Voluntary OT hours																
TOTAL HOURS																
WORK YEAR EQUIV (WYEs)																
DIRECT STRAIGHT TIME HOURS																
DIRECT OVERTIME HOURS																
DIRECT TOTAL																
LABOR COST																
Straight Time																
Overtime																
SUBC ST HOURS																
SUBC OT HOURS																
PAID LEAVE HOURS																
TOTAL OTHER HOURS																
SUBCONTRACTS COST																
OTHER DIRECT COST																
Material																
Subcontracts (Minor)																
Other Direct																
xxxxxx																
xxxxxx																
xxxxxx																
xxxxxx																
OVERHEAD																
Overhead																
Fringe																
TOTAL DIRECT COST																
G&A xx%																
SUBTOTAL COST																
FEE xx%																
SUBTOTAL COST																
Phase In																
CONTRACT TOTAL																

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.5-010

B. Line Item Title:

WBS 1.5.1, Report, Annual IT NASA Headquarters and Special IT Budget

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
IT-A	3	6	AN	Contract Effective Date + 5 Months	See Block J

J. Remarks:

Product shall be submitted electronically in Microsoft Excel format.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
GG-C-B4 (1D)	3	D
IT-A (1D)		
IT-D (1D)		

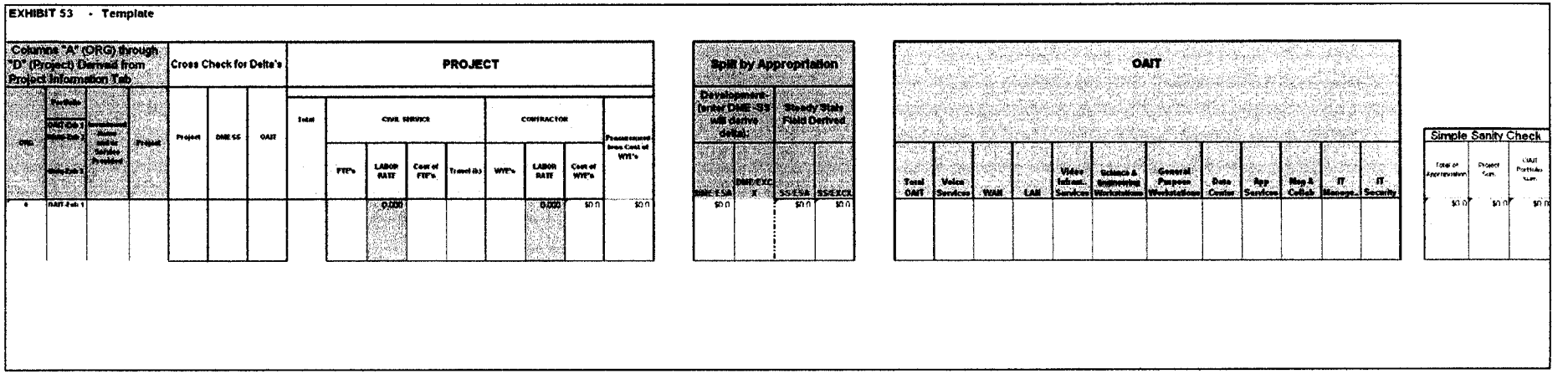
DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Annual IT NASA Headquarters and Special IT Budget	1.5-010
3. Use This report will be used by the Government to provide NASA Headquarters with IT cost by programs, and to obtain data for OMB Exhibit 53 and OMB Exhibit 300.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Contractor shall electronically submit a detailed annual report categorizing cost by the following elements: Voice services, Wide Area Network Services, Local Area Network Services, Video Infrastructure, Desktop Services, Computer Engineering, Data Center, Applications Services, Messaging and Collaboration, IT Security, IT Management, and other IT services. In addition, the cost should be segregated by customer, WYEs, and development effort vs. steady state. The Government will provide a format on an annual basis. A sample format is attached.

Sample Exhibit 53 Report



DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 1.7-001

B. Line Item Title:

WBS 1.7 , Plan, Information Technology (IT) Security

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
OP	1	2	AR	See Section J	

J. Remarks:

Within 30 calendar days after contract award, the MESC Contractor shall submit a draft IT Security Plan. The NASA IT Security Manager prior to acceptance will review the initial submittal, and the MESC Contractor is required to incorporate reveiw comments as applicable. The plan shall be updated every 12 months or as necessary.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
IT-B (1D)	3	D
TA-C (1D)		
OP-OS (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Information Technology (IT) Security	1.7-001
3. Use	4. Date
To ensure KSC and NASA IT Security Policies are implemented and to monitor compliance with NPR 2810.A.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References
	see below

8. Preparation Information

For each system and service provided by the contractor in performance of this contract, the contractor shall establish, maintain, and implement IT Security plans in accordance with NASA Procedural Requirements (NPR) 2810.1A, as supplemented by Section J, Attachment J-2, IT Security Implementation Guide.

See Chapter 5 of the NPR 2810.1A (Security of Information Technology) and ITS SOP-0018 for information required in this plan.

Note: To review this manual in its entirety, see the NASA Online Directives Information System (NODIS) Library at the following URL: http:/nodis3.gsfc.nasa.gov/Library/main_lib.html.

The contractor shall provide:

a. An initial risk assessment, documentation of results, and resultant IT Security Plan(s) in accordance with the IT security requirements in effect at KSC.

b. Description of how the integrity, availability, and/or confidentiality of information and IT resources will be protected, including protection (disclosure) from the subject contractor. IT resources include, but are not limited to:

i. Server Infrastructure
ii. Command Monitor and Data System (CMDS)
iii. Earth Systems Modeling and Data Management (ESMDM)
iv. Triage Link System
v. KSC Clinical Laboratory Information System (LIS/Orchard)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 2.1-001

B. Line Item Title:

WBS 2.1, Plan, Medical Quality Assurance Program

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C2	3	2	AR	See J	

J. Remarks:

The contractor shall submit a Medical Quality Assurance Plan and obtain Government approval signature within 90 days after start of the contract. Changes to the baseline document shall require the contractor to obtain Government approval signature.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C2 (5A, 1D)	6	A
USAF (1A, 1D)	2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Medical Quality Assurance Program	**2.1-001**
3. Use	4. Date
Prepared to provide a description of the Medical Quality Assurance Program	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References
	NPR 1800.1

8. Preparation Information

Prepare a plan which evaluates all aspects of medical quality assurance program to address at a minimum:

- **maintaining confidentiality and privacy of clinic operations**
- **assuring safe clinic operations**
- **validation of staff knowledge**
- **assurance of crednetials and licensures of medical staff**
- **maintaining current internal operating procedures are in place and followed**
- **conducting internal audits and medical chart reviews**
- **validation of readiness of medications, supplies, and equipment**
- **assuring appropriate medical records systems are in place**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 2.6-001

B. Line Item Title:

WBS 2.6, Plan, Aerospace Medicine Medical Operations Support

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C2	3	2	AR (1&2) AR (3&4)	See J	

J. Remarks:

Medical plans and appropriate revisions, dictated by the launch schedule, are required by NASA-Medical prior to each human spacecraft launch (see components 1, 2, and 3 in item 8 below).

K. D = Electronic Submission

K. Distribution

TA-C2 1&2: (10A) (1D) 3&4: (30A) (1D)

Totals	
No.	Type
2	D
40	A

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Aerospace Medicine Medical Operations Support	2.6-001
3. Use To provide a description of medical operations support to human spacecraft activities.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References KSC-PLN-1914, KBM-PLN-1915 KDP-F-1334

8. Preparation Information

Prepare plans which provide descriptions of the activities to meet medical operations requirements for human spacecraft launch and landing support. These plans shall emphasize both routine and emergency medical support as well as any ancillary support, e.g., laboratory services. They shall consist of the following documentation:

1. KSC Medical Operations Support Implementation Plan (MOSIP)
   - Frequency: Initial Plan and Government approval signature within one year after contract start, then as needed thereafter.

2. KSC Emergency Medical Services (EMS) Plan
   - Frequency: Initial Plan and Government approval signature within one year after contract start, then as needed thereafter.

3. Medical Package for Launch and Landing
   1. Frequency: Prior to each launch in support of Medical Readiness Meeting and prior to landing and Terminal Count Down Test
   2. Provide plans for confirming all necessary medical preparations for launch and landing, including:
   3. Launch and landing timelines
   4. General mission information
   5. Launch and landing deployment staging maps
   6. General communications listing
   7. Personnel duty, notification tree, and on-call schedules
   8. Triage site maps
   9. Hospital emergency contacts and resources
   10. Flight crew identification, seating and configuration
   11. Special preparations and unique requirements

4. Mission Report
   - Frequency: Within 30 days of conclusion of human spacecraft mission

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.5.1-001

B. Line Item Title:

WBS 4.5.1(m), Report, KSC On-Site Hazardous Waste Disposal Summary

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C3	3	2	AN		

J. Remarks:

The data for this report will be provided to the MESC by the KSC Base Operational Contractor. The MESC will be responsible for obtaining and managing the data.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1D) TA-C3 (1D)	2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, KSC On-Site Hazardous Waste Disposal Summary	**4.5.1-001**
3. Use **To provide insight and accountability of hazardous waste disposed of on-site under the KSC EPA ID number.**	4. Date
	5. Organization **NASA/KSC TA-C**
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit an annual report on the amount of hazardous waste treated on-site. Report to include waste description, date of treatment, type of treatment, quantities treated and disposed of.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.5.1-002

B. Line Item Title:

WBS 4.5.1(p), Report, KSC Waste Management

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C3	3	Accept	QU		

J. Remarks:

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1D)		
TA-C3 (1A) (1D)	1	A
	2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, KSC Waste Management	4.5.1-002
3. Use	4. Date
To provide insight and accountability of hazardous and controlled waste disposed of under the KSC EPA ID number.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit a quarterly report on the amount of hazardous and controlled waste disposed. Report to include total quality of waste disposed, disposal site, total quantity by waste generating organization, total quantity of waste disposed by waste streams, and total (burdened) treatment/disposal cost per waste stream shipped.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.5.1-003

B. Line Item Title:

WBS 4.5.1(q), Report, NETS Hazardous Waste Data Call

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C3	3	2	AN	June 30, 2009	

J. Remarks:
This report will consist of three excel spreadsheets. See Data Requirements Description, Section 8 for details.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1D) TA-C3 (1D)	2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, NETS Hazardous Waste (HW) Data Call	4.5.1-003
3. Use To provide an annual report to NASA HQ on the hazardous waste disposed of at KSC.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The Contractor shall submit an annual report on the types of hazardous and controlled waste disposed as follows:

File Type: Excel Spreadsheet generated from running queries on the hazardous waste database.

File 1 - HW Quantity and Cost by Profile
Columns: Year, Profile, Net Weight, Disposal Cost

File 2 - Profile Data
Columns: Profile, Waste Name, Generating Process, D_Source, D_Form, Handling Code, Disposal Facility, Disposal Facility EPA Number, Disposal Facility Address, Disposal Facility City, Disposal Facility State, Disposal Facility Zip, Disposal Facility Phone, Disposal Facility County

File 3 - EPA Waste Codes for Profiles
Columns: Profile, EPA Waste Code

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.5.1-004

B. Line Item Title:

WBS 4.5.1-004, Report, Off-site Hazardous Waste Transporters and Facilities

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C3	3	3	AR	See J	See J

J. Remarks:

Off-site Hazardous Waste Facility Information shall be submitted prior to contract start and as required thereafter.

K. D = Electronic Submission

K. Distribution

			Totals No.	Totals Type
TA-C		(1D)		
TA-C3	(1A)	(1D)	2	A
USAF/45SW Environmental Office, MS 9125	(1A)	(1D)	3	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Off-site Hazardous Waste Transporters and Facilities	4.5.1-004
3. Use To provide insight and accountability for hazardous and controlled waste disposed of under the KSC EPA ID number.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit a report listing which transporters and Treatment, Storage, and Disposal (TSD) facilities will be used for each types of wastes managed at KSC and CCAFS. The report shall include transporter/TSD facility name, EPA ID number, and copies of all required permits held by the transporters and TSD facilities to be used.

The contractor shall submit this report prior to contract start up and maintained up to date. The contractor shall resubmit this report upon change in transporter or TSD facility.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.7.1-001

B. Line Item Title:

WBS 4.7.1, Reports, Post-Launch Ecological Impact

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	See J	See J	See J

J. Remarks:

1. Provide a "quick-look" report within 48 hours after launch according to block 8 below.

2. Provide a Post-Launch Summary Report as requested.

K. D = Electronic Submission

K. Distribution

			Totals	
TA-C	(2A)	(2D)	No.	Type
National Park Service	(1A)		4	A
U. S. Fish & Wildlife Service	(1A)		2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Post-Launch Ecological Impact	4.7.1-001
3. Use Assess ecological effects of launch and recommend control measure if needed.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

Provide reports following Space Shuttle launch:

Quick look report to include:
- Final REEDM plot with input weather conditions noted
- Initial assessment of model; prediction vs. actual deposition based on ground truth monitoring
- Identification of initial significant findings

Post launch summary report to include:
- Narrative of console operations, noting any announcements made
- Final assessment of REEDM prediction vs. ground truth (mapped)
- Summarization and analysis of data collected
- Identification of significant findings
- Identification of problems encountered
- Discussion of results and significance to KSC operations
- Suggested corrective actions for ecological problems noted

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.7.2-001

B. Line Item Title:

WBS 4.7.2, Plan, Ecological Monitoring

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	AN	See J	

J. Remarks:

Update of this plan annually to reflect changes to monitoring plans, new initiatives, and completed studies. Initial submittal required 90 days after contract start.

K. D= Electronic Submission

K. Distribution

			Totals No.	Totals Type
TA-C	(3A)	(1D)	5	A
TA-C3	(1D)		2	D
National Park Sevice	(1A)			
U.S. Fish & Wildlife Service	(1A)			

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Ecological Monitoring	**4.7.2-001**
3. Use	4. Date
Prepared to provide overall strategic and program guidance for ecological program support.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The plan will provide:

1. **Overall scope and basis for the ecological program**
2. **Program summary**
3. **Program strategy**
4. **Management approach**
5. **Schedule of all activities including significant monitoring plans**
6. **Resources**
7. **References**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.7.2-002

B. Line Item Title:

WBS 4.7.2, Reports, Annual Summary of Animal Use

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	1	2	See Block 8	See Block 8	

J. Remarks:

These reports are to be submitted as required to summarize the use of animals in all KSC research activities.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Reports, Annual Summary of Animal Use	**4.7.2-002**
3. Use **Prepared to present animal use data for all KSC animal research activity.**	4. Date
	5. Organization **NASA/KSC TA-C**
7. Interrelationship	6. References

8. Preparation Information

Reports are required for the following purposes and organizations:

1. **An annual report to the U.S. Department of Agriculture summarizing KSC animal research use by species of animal, number and final disposition. Contractor report is due by November 1st of each year through TA-C.**
2. **An annual report to AAALAC International that summarizes facility changes, personnel qualifications and animal use by type and number. Contractor report due by October 15th each year through TA-C.**
3. **An annual report is due to the Office of Laboratory Animal Welfare (OLAW / NIH/ PHS) each year summarizing in detail the MESC animal research program, facility and personnel in detail through TA-C.**
4. **A report is due to AAALAC International every third year summarizing in detail the Animal Research Program at KSC including all aspects of the program, research activities and husbandry. It is submitted in advance of the tri-annual accreditation visit through TA-C.**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 4.7.2-003

B. Line Item Title:

WBS 4.7.2, Plan, Long Term Air Quality Monitoring

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C	3	2	QU	See J	

J. Remarks:

G. On calendar quarters (J-M, A-J, J-S, O-D)

K. D = Electronic Submission

K. Distribution

TA-C (1D)
TA-C3 (1D)

Totals	
No.	Type
2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Plan, Long Term Air Quality Monitoring	4.7.2-003
3. Use	4. Date
Document air quality and identify results that exceed EPA standards.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

1. Quarterly averages for O3, SOx, NOx, CO, temperature, humidity, and precipitation amounts by sample sites.
2. Maximum and minimum for each day and the hourly concentrations for O3, SOx, NOx, & CO.
3. Tabulation of wind speed and direction data by sites.
4. Identification of all that exceeded Federal or State standards.
5. Averages of analysis results or precipitation samples - standard physical and chemical measures.
6. Discussion of significant results.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 5.1-001

B. Line Item Title:

WBS 5.1, Report, Occupational Health Program (OHP) Management

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
AF	4	2	See 8	AD	AD

J. Remarks:

Agency OHP management requires several reports and notifications for internal and external use.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
AF (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Occupational Health Program (OHP) Management	5.1-001
3. Use	4. Date
To provide Agency and external organizations mandated and managerially required information.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References
	NPD 1800.2B, NPD 1810.2B, NPR 1800.1B

8. Preparation Information

a. Report (periodic) of Center programmatic assessments. Programmatic assessments will be entered into the OHP database and available for use within 10 working days of completion of assessment. (AD)
b. Report on Center dissemination of important OHP news. News items as requested by the government will be placed upon the OHP website within 4-hours of request made during normal working hours. (AR)
c. Reports (periodic) of OHP web site utilization. (QU)
d. Report of OHP conference proceedings. (AN)
e. Reports (periodic) assessment of training requested and provided by the OHP. (AD)
f. Report on Agency electronic health records system (EHRS) program development. (AD)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 5.2-001

B. Line Item Title:

WBS 5.2, Report, Center Occupational Health Program (OHP)Assessment

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
AF	4	2	AD	AD	AD

J. Remarks:

Agency OHP assessments of NASA centers are required to determine regulatory and programmatic compliance. Database output may be requested in either written reports (A) or electronic media (D) form.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
AF (1A) (1D)	1	A
	1	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Center Occupational Health Program (OHP) Assessment	5.2-001
3. Use	4. Date
To provide a current evaluation of occupational health programs at NASA facilities.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References
	NPD 1800.2B, NPD 1810.2B, NPR 1800.1B

8. Preparation Information

a. Develop assessment evaluation based upon NASA requirements for each programmatic element of the OHP. (AD)
b. Provide discipline specific experts in occupational health medicine, nursing and wellness, industrial hygiene and health physics and other health disciplines as requested. (AD)
c. Compile report and enter data into OHP database for on-site program assessment within 10 working days of survey. Make data available from the OHP database as required. (AD)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 6.2-001

B. Line Item Title:

WBS 6.2, Report, Medical Services Provided to the USAF

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
TA-C2	3	2	QU		

J. Remarks:

K. D = Electronic Submission

K. Distribution

TA-C2 (1D)
USAF (2A) (1D)

Totals	
No.	Type
2	A
2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Medical Services Provided to the USAF	6.2-001
3. Use Report provides data to the USAF on the contractor provided medical services the USAF has purchased for USAF insight and planning.	4. Date
	5. Organization NASA/KSC TA-C
7. Interrelationship	6. References KBM-ST-2.1

8. Preparation Information

On a quarterly basis, provide a matrix (e.g., employers vs. services) report which describes the contractor provided Medical Services to the USAF which includes at a minimum the following:

- The number of USAF or USAF contractor employees provided health examinations, their employers, the types of health examinations provided, and the job medical certifications provided;
- Review occupational exam results and track and trend findings and report to USAF;
- The number and type of clinical laboratory samples provided to USAF employees and the patient's employer.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 6.4-001

B. Line Item Title:

WBS 6.4(g), USAF On-Site Hazardous Waste Disposal Summary

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
USAF	3	2	AN		See J

J. Remarks:

Report required NLT 15 calendar days after the end of the calendar year.

K. D = Electronic Submission

K. Distribution

TA-C (1D)
USAF/45 Environmental Office, MS 9125 (1D)

Totals	
No.	Type
2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
USAF On-Site Hazardous Waste Disposal Summary	**6.4-001**
3. Use **To provide insight and accountability of hazardous waste disposed of on-site under the USAF EPA ID number.**	4. Date
	5. Organization **NASA/KSC TA-C**
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit an annual report on the amount of hazardous waste treated on-site. Report to include waste description, date of treatment, type of treatment, quantities treated and disposed of.

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 6.4-002

B. Line Item Title:

WBS 6.4(i), Report, USAF Waste Pickup Services

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
USAF	3		QU		See J

J. Remarks:

Report required NLT the fifth (5) calendar day of the month following the reporting quarter.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1D)	2	D
USAF/45 SW Environmental Office, MS 9125 (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, USAF Waste Pickup Services	6.4-002
3. Use	4. Date
To provide insight and accountability of hazardous and controlled waste managed of under the USAF EPA ID number.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit a quarterly report on the amount of hazardous and controlled waste picked up.
Report to include:

- **the number of waste removals requested/processed;**
- **requesting organizations;**
- **waste stream number(s) assigned to waste removed (e.g. HA0015);**
- **the number of containers removed from each location;**
- **the response time from receipt of request to the date the waste was removed from the generating site;**
- **the number of drums moved each day.**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 6.4-003

B. Line Item Title:

WBS 6.4(i), Waste Cost Report

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
USAF	3		QU		See J

J. Remarks:

Report required NLT the fifth (5) calendar day of the month followng the reporting quarter.

K. D = Electronic Submission

K. Distribution

TA-C (1D)
USAF/45 SW Environmental Office, MS 9125 (1D)

Totals	
No.	Type
2	D

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Waste Costs	**6.4-003**
3. Use	4. Date
To provide insight and accountability of hazardous and controlled waste disposed of under the USAF EPA ID number.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit a quarterly report on the cost of hazardous and controlled waste shipped off-site for treatment/disposal. Report to include:

- **Description of waste stream (including any hazardous waste codes associated with the waste stream);**
- **Number and size of containers by waste stream;**
- **Total weight shipped;**
- **Total (burdened) treatment/disposal cost per waste stream shipped.**

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL _____	A. Item No. 6.4-004

B. Line Item Title:

WBS 6.4(i), Report, Waste Recycling

C. Opr.	D. Type	E. Inspect/Accept	F. Freq.	G. Initial Sub.	H. As Of Date
USAF	3	2	QU		See J

J. Remarks:

Reporte required NLT the fifth (5) calendar day of the month following reporting quarter.

K. D = Electronic Submission

K. Distribution	Totals	
	No.	Type
TA-C (1D)	2	D
USAF/45 SW Environmental Office, MS 9125 (1D)		

DATA REQUIREMENT DESCRIPTION

1. Title	2.Number
Report, Waste Recycling	**6.4-004**
3. Use	4. Date
To provide insight and accountability of hazardous and controlled waste recycled.	
	5. Organization
	NASA/KSC TA-C
7. Interrelationship	6. References

8. Preparation Information

The MESC Contractor shall submit a quarterly report for the following:

1. **Antifreeze**
   - **Gallons of antifreeze recycled by month and location (facility number, POC, phone number and installation).**
   - **When picked-up/delivered (date).**

2. **Industrial Wipes (rags)**
   - **Number of rags delivered monthly by location (facility number, POC, phone number and installation).**
   - **When rags picked-up/delivered (date).**

3. **Used Oil**
   - **Gallons of used oil recycled by month and location (facility number, POC, phone number and installation).**
   - **When picked-up/delivered (date).**

ATTACHMENT J-5
WORKLOAD INDICATORS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
1.5.2-1	1.5.2	Financial Management System	Active Unique Project Numbers	60
1.5.2-2	1.5.2	Financial Management System	Special Budget Exercises incl Decision Packages	25
1.5.2-3	1.5.2	Financial Management System	Customer Queries for cost validation	100
1.5.2-4	1.5.2	Financial Management System	Expedited Data Reporting Exercises	3
2.1-1	2.1	Medical Records Maintained	Medical Records Maintained	45375
2.3.1-1	2.3.1	Health Examinations	Part I - Clinical labs Visits	7590
2.3.1-2	2.3.1	Health Examinations	Part II - Physician Consultations	5362
2.3.1-3	2.3.1	Health Examinations	Part III - Exercise Stress Test or further testing	1155
2.3.1-4	2.3.1	Health Examinations	Medical Treatments	1485
2.3.1-5	2.3.1	Health Examinations	Influenza immunizations	3300
2.3.2-1	2.3.2.b	Travel Medicine	Travel Packets	25
2.3.2-2	2.3.2.c	Health Education and Wellness	Cardiovascular screening (Risk assessment plus blood pressure and blood test)	6200
2.3.2-3	2.3.2.c	Health Education and Wellness	Colorectal cancer screening (Hemocult slide plus consult)	125
2.3.2-4	2.3.2.c	Health Education and Wellness	Hypertension screening (Blood pressure check)	4125
2.3.2-5	2.3.2.c	Health Education and Wellness	Visual screening	248
2.3.2-6	2.3.2.e	Health Training	CPR Training, Initial classes	20
2.3.2-7	2.3.2.e	Health Training	CPR Training, Refresher classes	80
2.3.2-8	2.3.2.e	Health Training	AED Responder classes	4
2.3.2-9	2.3.2.e	Health Training	AED Training classes	4

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
2.3.2-10	2.3.2.e	Health Training	AED Refresher classes	10
2.3.2-11	2.3.2.e	Health Training	Bloodborne pathogen (BBP) training sessions	8
2.3.2-12	2.3.2.e	Health Training	Bloodborne pathogen (BBP) update sessions	8
2.3.2-13	2.3.2.e	Health Training	ACLS refresher classes	10
2.3.2-14	2.3.2.e	Health Training	BCLS classes	10
2.3.2-15	2.3.2.e	Health Training	Robert Shaw Respirator Training classes	10
2.3.3-1	2.3.3	SRB Retrieval Ship Support	Medical Logistics support (reviewing ship's medical kits and providing medications and medical supplies)	2
2.3.5-1	2.3.5	Medical Review Officer Reviews	Routine random test reviews	500-600
2.3.5-2	2.3.5	Medical Review Officer Reviews	New employment test reviews	100-200
2.3.6-1	2.3.6	Employee Assistance Program	EAP visits - Patient contact (Individual sessions, group sessions, and meeting attendance)	2475
2.4-1	2.4	Emergency Medical Services Medical Support	Support Simulations, TCDTs, Launches and Landings	28
2.4-2	2.4	Emergency Medical Services Medical Support	First Aid Kits issued/maintained	125
2.4-3	2.4	Emergency Medical Services Medical Support	Physician or nurse consultation with EMS Responses	52
2.4-4	2.4	Emergency Medical Services Medical Support	Medical Director Services: Train ambulance staff	4

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
2.4-5	2.4	Emergency Medical Services Medical Support	Medical Director Services: Meeting with ambulance staff	4
2.4-6	2.4	Emergency Medical Services Medical Support	Medical Director Services: Review all EMS responses	400
2.4-7	2.4	Emergency Medical Services Medical Support	Medical Director Services: Review all EMS Medical protocols	12
2.4-8	2.4	Emergency Medical Services Medical Support	Operate and stock the Triage Vehicle medical supplies and equipment	12
2.4-9	2.4	Emergency Medical Services Medical Support	Stock ambulance medications, medical supplies and equipment to KSC ambulances	52
2.5-1	2.5	Specialized Physician Support for Launches and Landings	Spacecraft launches	5
2.5-2	2.5	Specialized Physician Support for Launches and Landings	Spacecraft landings	3
2.5-3	2.5	Specialized Physician Support for Launches and Landings	Spacecraft attempted launches	4
2.5-4	2.5	Specialized Physician Support for Launches and Landings	Spacecraft attempted landings	4
2.5-5	2.5	Specialized Physician Support for Launches and Landings	Annual Training Course	1
2.5-6	2.5	Specialized Physician Support for Launches and Landings	Manned spacecraft contingency simulation exercise support	4
2.6-1	2.6	Aerospace Medicine Services	Document reviews	2
2.6-2	2.6	Aerospace Medicine Services	Manned spacecraft contingency simulation	4

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
			exercise medical packages – as in 2.6-4	
2.6-3	2.6	Aerospace Medicine Services	Terminal Countdown Demonstration Test (TCDT) medical packages - as in 2.6-4	5
2.6-4	2.6	Aerospace Medicine Services	Launch medical packages - Prepared prior to each spacecraft launch in support of Medical Readiness Meeting and prior to each spacecraft landing and Terminal Count Down Test. Contains plans for confirming all necessary medical preparations for launch and landing, including: -Launch and landing timelines -General mission information -Launch and landing deployment staging maps -General communications listing -Personnel duty, notification tree, and on-call schedules -Triage site maps -Hospital emergency contacts and resources	5
2.6-5	2.6	Aerospace Medicine Services	Landing medical packages – as 2.6-4	5
2.6-6	2.6	Aerospace Medicine Services	Manned spacecraft contingency simulation exercise support	4
2.6-7	2.6	Aerospace Medicine Services	Launch and landing operations support including launch and landing scrubs and TCDT	21
2.6-8	2.6	Aerospace Medicine Services	Support Training Courses planning and	2

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
			execution	
2.8-1	2.8	Fitness Facilities	visits	66410
2.9-1	2.9	Musculoskeletal Rehabilitation	visits	2540
2.10-1	2.10	Clinical Laboratories	X-rays	825
2.10-2	2.10	Clinical Laboratories	Clinical lab samples	28050
2.10-3	2.10	Clinical Laboratories	Electrocardiograms	3715
2.10-4	2.10	Clinical Laboratories	Pulmonary function tests	4125
2.10-5	2.10	Clinical Laboratories	Clinical Lab Tests/Samples (2nd year addition)	272/3735
2.11-1	2.11	Biomedical Studies	scheduling, conducting, analysis	4
2.11-2	2.11	Biomedical Studies	medical monitoring sessions requiring physician or nurse	40
2.12-1	2.12	Medical Education Program Participants	Participants (2-3 students per month x 11 months)	27
3.4-1	3.4	Industrial Hygiene	Hazard assessments - Numbers of surveys such as: Emergency response support, ergonomics, confined space hazard evaluations, chemical exposure, heat stress, illumination, oxygen deficiency evaluations, metals exposures, noise.	310
3.4-2	3.4	Industrial Hygiene	Exposure investigations/complaints: Includes KSC clinic referrals, employee complaints (IAQ, potential exposures)	250

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
3.4-3	3.4	Industrial Hygiene	Confined space entries - Includes atmospheric testing, completion of entry permits.	1440
3.4-4	3.4	Industrial Hygiene	Inspections - Number of inspection 29 CFR 1960 federal employee sites (defined by organization) requiring walkthrough inspections; includes inspection, associated recordkeeping and tracking.	640
3.4-5	3.4	Industrial Hygiene	Operations support - Number of tasks associated with direct support to scheduled launch vehicle and payload processing operations.	1050
3.4-6	3.4	Industrial Hygiene	Ventilation systems - Annual number of laboratory hood and local exhaust ventilation system surveys	475
3.4-7	3.4	Industrial Hygiene	Design/document review - Number of documents reviewed by EH staff such as flight and ground safety reviews, food plans, engineering designs, and asbestos abatement package reviews. Include review, preparation of comments, and attend review meetings.	500
3.4-8	3.4	Industrial Hygiene	Asbestos abatement - Support to asbestos abatement operations includes, bulk sampling, site inspections, monitoring.	250

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
3.4-9	3.4	Industrial Hygiene	Number of MSDS added to the system, including QC of existing sheets. QC includes those tasks in which similar level of effort as adding new sheet and results in changed record in MSDS database registry web.	5500
3.5-1	3.5	Sanitation	Food service inspections, animal care facility inspections, barber shop and fitness centers inspections, sanitary nuisance investigations, chemical toilet inspections, facility sanitation inspections, sanitation complaint investigations, septic tanks.	400
3.6-1	3.6	Health Physics	Number of authorizations managed - Radiation Use Authorizations (RUAs), RUA modifications, and renewals.	190
3.6-2	3.6	Health Physics	Ionizing radiation surveys - Number of survey of ionizing radiation sources.	270
3.6-3	3.6	Health Physics	Nonionizing radiation surveys - Number of survey of nonionizing radiation sources.	120
3.6-4	3.6	Health Physics	Dosimeter management - Number of dosimeters issued.	1260
3.6-5	3.6	Health Physics	Pocket chambers - Number of pocket ion chambers calibrated	520

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
3.6-6	3.6	Health Physics	HP Lab - HP laboratory analysis, including quality control samples.	6440
3.7-1	3.7	Laboratory	Asbestos bulk -Bulk samples analyzed using PLM, point counting, including quality control (QC) samples.	525
3.7-2	3.7	Laboratory	Asbestos air - Air samples analyzed using PCM, TEM, including QC samples.	625
3.7-3	3.7	Laboratory	IH Laboratory - Number of industrial hygiene analytical methods (# samples x # analytes/sample).	800
3.7-4	3.7	Laboratory	Environmental Microbiology - Sampling to support research projects and environmental programs in Section 4.0.	2500
3.7-5	3.7	Laboratory	Indoor Air Quality Surveys – Number of field sampling events conducted by Environmental Microbiology personnel.	50
3.7-6	3.7	Laboratory	Indoor Air Quality Samples	1500
3.7-7	3.7	Laboratory	Spacecraft-specific environmental microbiology testing to support spacecraft operations (samples/Shuttle flight)	90
4.3-1	4.3	Consultative Services	PE Review, Sign and Seal	3
4.4.1-1	4.4.1	Surveillance Services	Number of inspection days per year	360

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
4.4.2-1	4.4.2	Environmental Support to Construction	Construction Projects - Number of projects to be reviewed and supported by environmental points of contact.	25
4.4.2-2	4.4.2	Environmental Support to Construction	Number of Dig Permits requiring environmental review and comment.	450
4.4.3-1	4.4.3	NEPA Services	Number of Siting Requests requiring environmental review and comment.	250
4.4.3-2	4.4.3	NEPA Services	Number of Environmental Checklists processed	300
4.4.3-3	4.4.3	NEPA Services	Technical Review of NEPA documents prepared by others	3
4.4.6-1	4.4.6	Remediation Program Services	Number of Land Use Control Implementation Plans	35
4.4.7-1	4.4.7	Cultural Resources Services	Number of historic property management studies conducted	6
4.5.1-1	4.5.1	Hazardous and Controlled Waste Management	Hazardous Waste Determination - Routine PWQ evaluations. Evaluate waste materials to determine regulatory classifications for the purpose of proper management and disposition. Request sampling analysis services and interpret results when necessary to establish proper classification.	1130

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
4.5.1-2	4.5.1	Hazardous and Controlled Waste Management	Hazardous Waste Determination - Emergency PWQ evaluations. Evaluate waste materials to determine regulatory classifications for the purpose of proper management and disposition. Request sampling analysis services and interpret results when necessary to establish proper classification.	12
4.5.1-3	4.5.1	Hazardous and Controlled Waste Management	Waste Management - Number of routine containers picked up, stored, shipped, treated or transferred.	2910
4.5.1-4	4.5.1	Hazardous and Controlled Waste Management	Waste Management - Number of emergency containers picked up, stored, shipped, treated or transferred.	50
4.5.1-5	4.5.1	Hazardous and Controlled Waste Management	Empty drum pickup/disposal	1615
4.5.1-6	4.5.1	Hazardous and Controlled Waste Management	Waste Management - Number of manifests of waste treated, shipped, disposed, or otherwise managed during period. This amount includes non-hazardous controlled waste.	110
4.5.2-1	4.5.2	Post-Emergency Clean-up	Spill Clean-ups	100
4.6.1-1	4.6.1	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)	Number of annual VEOs required by Title V air permit.	20
4.6.1-2	4.6.1	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)	Limited Use Wells - Number of sampling events for wells	30

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
4.6.1-3	4.6.1	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)	Surface water sampling - Samples of surface waters as per the sampling plan.	35
4.6.1-4	4.6.1	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)	Ground water sampling - Samples of ground water as per permits	69
4.6.1-5	4.6.1	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)	Storm water sampling - Samples of storm waters as per permits	4
4.6.1-6	4.6.1	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)	Wastewater sampling – Samples of industrial wastewater as per permits	32
4.6.1-7	4.6.1/ 4.6.4	Environmental Compliance Sampling, Analysis, and Monitoring (ECSAM)/Investigative Environmental Services	Potable water sampling - Number of surveys of potable water per sampling plan and during construction maintenance activities. Includes bottled water complaints potable water system complaint investigations water quality monitoring quality control testing of bottled water etc	175
4.6.2-1	4.6.2	Waste Characterization Sampling	Number of TCLP analyses	200
4.6.2-2	4.6.2	Waste Characterization Sampling	Number of routine environmental and waste analyses	400
4.6.2-3	4.6.2	Waste Characterization Sampling	Number of emergency environmental and waste analyses	25
4.6.3-1	4.6.3	RCRA Corrective Action Sampling and Support	Solid Waste Management units (SWMU) - Number of SWMU assessment reports	12
4.6.3-2	4.6.3	RCRA Corrective Action Sampling and Support	Number of Confirmatory Sampling Plans	6

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
4.6.4-1	4.6.4	Investigative Environmental Services	Pollution investigations - Typical response includes sampling of unknown materials and post-spill cleanup.	25
4.6.4-2	4.6.4	Investigative Environmental Services	Number of sampling events for the KSC Visitor's Center Water Feature	2
4.6.4-3	4.6.4	Investigative Environmental Services	Number of sampling events for the KSC Retrieval Ships	120
4.6.4-4	4.6.4	Investigative Environmental Services	Number of sampling events for the KSC Domestic Wastewater effluent	4
5.2-1	5.2	Occupational Health Program Assessment	Domestic Travel	50
5.4-1	5.4	Aerospace Medicine Support	International Travel	2
5.6-1	5.6	Healthcare Promotion and Education	Plan, organize, implement Video Telecommunications System (ViTS) sessions	32
5.6-2	5.6	Healthcare Promotion and Education	Plan, organize, implement annual NASA Occupational Health Conference	1
6.2.1.1-1	6.2.1.1	Medical Records Maintained	Medical Records Maintained	9625
6.2.1.1-2	6.2.1.1	Health Examinations	Part I - Clinical labs Visits	600
6.2.1.1-3	6.2.1.1	Health Examinations	Part II - Physician Consultations	424
6.2.1.1-4	6.2.1.1	Health Examinations	Part III - Exercise Stress Test or further testing	90
6.2.6-1	6.2.6	Clinical Laboratories	X-rays	66
6.2.6-2	6.2.6	Clinical Laboratories	Clinical lab samples	2211

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
6.2.6-3	6.2.6	Clinical Laboratories	Electrocardiograms	292
6.2.6-4	6.2.6	Clinical Laboratories	Pulmonary function tests	326
6.3.2-1	6.3.2	Industrial Hygiene	Hazard assessments - Numbers of surveys such as: Emergency response support, ergonomics, confined space hazard evaluations, chemical exposure, heat stress, illumination, oxygen deficiency evaluations, metals exposures, noise.	70
6.3.2-2	6.3.2	Industrial Hygiene	Exposure investigations/complaints: Includes KSC clinic referrals, employee complaints (IAQ, potential exposures)	30
6.3.2-3	6.3.2	Industrial Hygiene	Confined space entries - Includes atmospheric testing, completion of entry permits.	360
6.3.2-4	6.3.2	Industrial Hygiene	Inspections - Number of inspection 29 CFR 1960 federal employee sites requiring walkthrough inspections; includes inspection, associated recordkeeping and tracking.	160
6.3.2-5	6.3.2	Industrial Hygiene	Operations support - Number of tasks associated with direct support to scheduled launch vehicle and payload processing operations.	1330
6.3.2-6	6.3.2	Industrial Hygiene	Ventilation systems - Annual number of laboratory hood and local exhaust ventilation system surveys	225

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
6.3.2-7	6.3.2	Industrial Hygiene	Design/document review - Number of documents reviewed by EH staff such as flight and ground safety reviews, food plans, engineering designs, and asbestos abatement package reviews. Include review, preparation of comments, and attend review meetings.	320
6.3.2-8	6.3.2	Industrial Hygiene	Asbestos abatement - Support to asbestos abatement operations includes, bulk sampling, site inspections, monitoring.	75
6.3.2-9	6.3.2	Industrial Hygiene	IH Laboratory - Number of industrial hygiene analytical methods (# samples x # analytes/sample).	310
6.3.3-1	6.3.3	Sanitation and Public Health	Food service inspections animal care facility inspections barber shop and fitness centers inspections sanitary nuisance investigations chemical toilet inspections facility sanitation inspections sanitation complaint investigations septic tanks	70
6.3.3-2	3.5	Sanitation	Number of mosquito surveillance sampling surveys (USAF)	72

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
6.3.4-1	6.3.4	Health Physics	Ionizing radiation surveys - Number of survey of ionizing radiation sources.	180
6.3.4-2	6.3.4	Health Physics	Nonionizing radiation surveys - Number of survey of nonionizing radiation sources.	40
6.3.4-3	6.3.4	Health Physics	Dosimeter management - Number of dosimeters issued.	1260
6.3.4-4	6.3.4	Health Physics	Pocket chambers - Number of pocket ion chambers calibrated	30
6.3.4-5	6.3.4	Health Physics	HP Lab - HP laboratory analysis, including quality control samples.	3460
6.3.4-6	6.3.4	Health Physics	Ionizing Radiation Use Authorizations - Quarterly surveys and maintenance.	16
6.3.4-7	6.3.4	Health Physics	RF Use Authorizations - Annual surveys and maintenance.	20
6.3.4-8	6.3.4	Health Physics	Laser Use Authorizations - Annual Surveys and maintenance.	7
6.4-1	6.4	USAF Hazardous and Controlled Waste Management	Hazard Determination – Routine PWQ evaluations. Evaluate waste materials to determine regulatory classifications for the purpose of proper management and disposition. Request sampling analysis services and interpret results when necessary to establish proper classification.	500

Work Requirement #	WBS	Section	WLI Definition	WLI (annual)
6.4-2	6.4	USAF Hazardous and Controlled Waste Management	Hazard Determination – Emergency PWQ evaluations. Evaluate waste materials to determine regulatory classifications for the purpose of proper management and disposition. Request sampling analysis services and interpret results when necessary to establish proper classification.	24
6.4-3	6.4	USAF Hazardous and Controlled Waste Management	Waste Management – Routine number of containers picked up, stored, shipped, treated, or transferred.	1100
6.4-4	6.4	USAF Hazardous and Controlled Waste Management	Waste Management – Emergency number of containers picked up, stored, shipped, treated, or transferred.	24
6.4-5	6.4	USAF Hazardous and Controlled Waste Management	Waste Management - Number of manifests of waste treated, shipped, disposed, or otherwise managed during period. This amount includes non-hazardous controlled waste.	125
6.4-6	6.4	USAF Hazardous and Controlled Waste Management	Waste Management - Number of routine waste sampling events	475
6.4-7	6.4	USAF Hazardous and Controlled Waste Management	Waste Management - Number of emergency waste sampling events	25

Government Furnished Property - To Be Replaced as Contractor Acquired Property - Year 2								J-6
ECN	**ITEM NAME**	**MODEL NUMBER**	**SERIAL NUMBER**	**MANUFACTURER**	**COST**	**BLDG**	**ROOM**	**PURCHASE DATE**
Earth Data Systems Lab (GIS Lab) - Sensitive or ≥ $5000								
3019777	RECORDER, DVD	RDR-HX900	2016146	SONY CORP	$545	KS-M7355	3227D	8/19/2005
1979371	DISPLAY UNIT, COLOR	X7103A	9825KC0614	SUN MICROSYSTEMS INC	$603	KS-M7355	3227D	9/11/1998
3059406	COMPUTER, DIGITAL	52XMAX	D72500301502664	MULTIWAVE TECHNOLOGY INC.	$669	KS-M7355	3227G	3/11/2005
2024676	DISPLAY UNIT, COLOR	EV700	NU17026D10580	GATEWAY COMPANIES INC	$678	KS-M7355	3227D	2/1/2001
2506291	DISPLAY UNIT, COLOR	HPL2035	CNP502Y4PT	HEWLETT-PACKARD CO	$830	KS-M7355	3227	2/25/2005
2506292	DISPLAY UNIT, COLOR	HPL2035	CNP502Y4VY	HEWLETT-PACKARD CO	$830	KS-M7355	3227	2/25/2005
2506293	DISPLAY UNIT, COLOR	HPL2035	CNP502Y4W0	HEWLETT-PACKARD CO	$830	KS-M7355	3227	2/25/2005
2506295	DISPLAY UNIT, COLOR	HPL2035	CNP502Y4TN	HEWLETT-PACKARD CO	$830	KS-M7355	3227	2/25/2005
2506294	DISPLAY UNIT, COLOR	HPL2035	CNP502Y4VC	HEWLETT-PACKARD CO	$830	KS-M7355	3227B	2/25/2005
3019969	COMPUTER, DIGITAL	DHM	C63MT41	DELL COMPUTER CORP F-PC'S LTD	$893	KS-M7355	3227	5/25/2004
2024675	COMPUTER, DIGITAL	ATXSTFM866	0022205799	GATEWAY COMPANIES INC	$915	KS-M7355	3227D	2/1/2001
3019968	COMPUTER, DIGITAL	DHM	G63MT41	DELL COMPUTER CORP F-PC'S LTD	$1,054	KS-M7355	3227	5/25/2004
3019785	COMPUTER, LAPTOP	PP15L	BKVTC81	DELL COMPUTER CORP F-PC'S LTD	$1,136	KS-M7355	3227	9/23/2005
2506918	COMPUTER, LAPTOP	PP10L	7M5CK71	DELL COMPUTER CORP F-PC'S LTD	$1,277	KS-M7355	3227B	5/25/2005
2506245	COMPUTER, POCKET PC	49675-20	FS54A33932	TRIMBLE	$1,439	KS-M7355	3227	6/8/2005
2506251	CAMERA, DIGITAL	D70	3002866	NIKON CORP	$1,447	KS-M7355	3227C	9/7/2005
2157344	COMPUTER, MICRO	OPTIPLEX GX270	5HQ0H51	DELL COMPUTER CORP	$1,868	KS-M7355	3227	8/19/2004
1376539	DISK DRIVE UNIT	811	438G1216	SUN MICROSYSTEMS INC	$2,100	KS-M7355	3227	9/30/2004
1383326	TAPE DRIVE	X844A	529G0742	SUN MICROSYSTEMS INC	$2,379	KS-M7355	3227	8/14/1995
3059441	DISPLAY UNIT, PLASMA	TH-42X5OU	YA520538	MATSUSHITA ELECTRIC	$2,635	KS-M7355	3227	6/9/2005
1871206	TAPE STORAGE UNIT	X6230A	739G0460	SUN MICROSYSTEMS INC	$4,043	KS-M7355	3227	10/8/1997

GOVERNMENT FURNISHED PROPERTY TO BE REPLACED AS CONTRACTOR ACQUIRED PROPERTY (CAP)

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	COST	BLDG	ROOM	PURCHASE DATE
2026145	DISPLAY UNIT, COLOR	LC02010X-BK	1500500CA	NEC TECHNOLOGIES INC	$4,950	KS-M7355	3227A	8/21/2001
2026144	DISPLAY UNIT, COLOR	LC02010X-BK	1500445CA	NEC TECHNOLOGIES INC	$4,950	KS-M7355	3227C	8/21/2001
1635432	CAMERA-RECORDER, VIDEO	XL1	2650401640	CANON INC	$5,169	KS-M7355	3227G	12/7/1998
3020475	PRINTER, ADP	C9659A	JPJR002663	HEWLETT-PACKARD CO	$6,003	KS-M7355	3227	11/29/2004
2027038	COMPUTER, DIGITAL	SUNFIRE V250	F051150053	SUN MICROSYSTEMS INC	$6,153	KS-M7355	3227D	5/4/2005
1120803	SCOPE, ZOOM TRANSFER	ZT4-H	B11400PM	BAUSCH AND LOMB INC	$6,800	KS-M7355	3227	10/29/1991
2026270	PLOTTER	C6091A	SSG1941402S	HEWLETT-PACKARD CO	$11,337	KS-M7355	3227	1/10/2002
1979370	SERVER	ENT450	833F2C4E	SUN MICROSYSTEMS INC	$24,410	KS-M7355	3227D	8/11/1998

Note: Items categorized as Sensitive or over $5000 will be tracked by the MESC contractor in the NEMS database. Reference Clause H.8, Property.

ATTACHMENT J-7
REGISTER OF WAGE DETERMINATION AND FRINGE BENEFITS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

GOVERNMENT FURNISHED PROPERTY TO BE REPLACED AS CONTRACTOR ACQUIRED PROPERTY (CAP)

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	COST	BLDG	ROOM	PURCHASE DATE
Earth Data Systems Lab (GIS Lab) - Sensitive or ≥ $5000								
2026145	DISPLAY UNIT, COLOR	LC02010X-BK	1500500CA	NEC TECHNOLOGIES INC	$4,950	KS-M7355	3227A	8/21/2001
2026144	DISPLAY UNIT, COLOR	LC02010X-BK	1500445CA	NEC TECHNOLOGIES INC	$4,950	KS-M7355	3227C	8/21/2001
1635432	CAMERA-RECORDER, VIDEO	XL1	2650401640	CANON INC	$5,169	KS-M7355	3227G	12/7/1998
3020475	PRINTER, ADP	C9659A	JPJR002663	HEWLETT-PACKARD CO	$6,003	KS-M7355	3227	11/29/2004
2027038	COMPUTER, DIGITAL	SUNFIRE V250	F051150053	SUN MICROSYSTEMS INC	$6,153	KS-M7355	3227D	5/4/2005
1120803	SCOPE, ZOOM TRANSFER	ZT4-H	B11400PM	BAUSCH AND LOMB INC	$6,800	KS-M7355	3227	10/29/1991
2026270	PLOTTER	C6091A	SSG1941402S	HEWLETT-PACKARD CO	$11,337	KS-M7355	3227	1/10/2002
1979370	SERVER	ENT450	833F2C4E	SUN MICROSYSTEMS INC	$24,410	KS-M7355	3227D	8/11/1998

Note: Items categorized as Sensitive or over $5000 will be tracked by the MESC contractor in the NEMS database. Reference Clause H.8, Property.

ATTACHMENT J-7
REGISTER OF WAGE DETERMINATION AND FRINGE BENEFITS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

Note: The Wage Determination No. 2005-2118 does not incorporate applicable collective bargaining agreements (see page 16 of this attachment).

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor William W.Gross Director Division of Wage Determinations	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210 Wage Determination No.: 2005-2118 Revision No.: 5 Date of Last Revision: 07/12/2007

State: Florida

Area: Florida Counties of Brevard, Indian River

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support And Clerical Occupations	
01011 - Accounting Clerk I	12 .36
01012 - Accounting Clerk II	14 .60
01013 - Accounting Clerk III	18 .43
01020 - Administrative Assistant	18 .25
01040 - Court Reporter	14 .85
01051 - Data Entry Operator I	10 .63
01052 - Data Entry Operator II	12 .10
01060 - Dispatcher, Motor Vehicle	14 .37
01070 - Document Preparation Clerk	11 .77
01090 - Duplicating Machine Operator	11 .77
01111 - General Clerk I	11 .74
01112 - General Clerk II	12 .61
01113 - General Clerk III	13 .10
01120 - Housing Referral Assistant	16 .05
01141 - Messenger Courier	10 .58
01191 - Order Clerk I	10 .50

01192 - Order Clerk II	12 .36
01261 - Personnel Assistant (Employment) I	13 .60
01262 - Personnel Assistant (Employment) II	15 .04
01263 - Personnel Assistant (Employment) III	17 .12
01270 - Production Control Clerk	17 .41
01280 - Receptionist	9 .42
01290 - Rental Clerk	11 .89
01300 - Scheduler, Maintenance	13 .50
01311 - Secretary I	13 .50
01312 - Secretary II	14 .85
01313 - Secretary III	16 .05
01320 - Service Order Dispatcher	13 .06
01410 - Supply Technician	18 .25
01420 - Survey Worker	13 .94
01531 - Travel Clerk I	10 .26
01532 - Travel Clerk II	11 .11
01533 - Travel Clerk III	11 .88
01611 - Word Processor I	12 .21
01612 - Word Processor II	13 .16
01613 - Word Processor III	15 .77

05000 - Automotive Service Occupations

05005 - Automobile Body Repairer, Fiberglass	18 .13
05010 - Automotive Electrician	17 .29
05040 - Automotive Glass Installer	16 .35
05070 - Automotive Worker	16 .35
05110 - Mobile Equipment Servicer	14 .76
05130 - Motor Equipment Metal Mechanic	17 .98
05160 - Motor Equipment Metal Worker	16 .35
05190 - Motor Vehicle Mechanic	17 .98
05220 - Motor Vehicle Mechanic Helper	13 .89
05250 - Motor Vehicle Upholstery Worker	15 .79
05280 - Motor Vehicle Wrecker	16 .35
05310 - Painter, Automotive	17 .18
05340 - Radiator Repair Specialist	16 .35

05370 - Tire Repairer	13 .08
05400 - Transmission Repair Specialist	17 .98

07000 - Food Preparation And Service Occupations

07010 - Baker	12 .08
07041 - Cook I	11 .12
07042 - Cook II	12 .08
07070 - Dishwasher	7 .82
07130 - Food Service Worker	9 .33
07210 - Meat Cutter	13 .46
07260 - Waiter/Waitress	8 .47

09000 - Furniture Maintenance And Repair Occupations

09010 - Electrostatic Spray Painter	17 .08
09040 - Furniture Handler	12 .39
09080 - Furniture Refinisher	15 .76
09090 - Furniture Refinisher Helper	12 .74
09110 - Furniture Repairer, Minor	14 .28
09130 - Upholsterer	15 .76

11000 - General Services And Support Occupations

11030 - Cleaner, Vehicles	8 .28
11060 - Elevator Operator	8 .99
11090 - Gardener	11 .17
11122 - Housekeeping Aide	9 .74
11150 - Janitor	9 .20
11210 - Laborer, Grounds Maintenance	9 .36
11240 - Maid or Houseman	7 .63
11260 - Pruner	8 .51
11270 - Tractor Operator	10 .91
11330 - Trail Maintenance Worker	9 .36
11360 - Window Cleaner	9 .97

12000 - Health Occupations

12010 - Ambulance Driver	14 .19
12011 - Breath Alcohol Technician	17 .67
12012 - Certified Occupational Therapist Assistant	21 .71
12015 - Certified Physical Therapist Assistant	21 .71
12020 - Dental Assistant	15 .19
12025 - Dental Hygienist	21 .60
12030 - EKG Technician	16 .74
12035 - Electroneurodiagnostic Technologist	16 .74
12040 - Emergency Medical Technician	14 .19
12071 - Licensed Practical Nurse I	15 .52
12072 - Licensed Practical Nurse II	17 .38
12073 - Licensed Practical Nurse III	17 .67
12100 - Medical Assistant	10 .73
12130 - Medical Laboratory Technician	14 .28
12160 - Medical Record Clerk	13 .57
12190 - Medical Record Technician	15 .64
12195 - Medical Transcriptionist	12 .97
12210 - Nuclear Medicine Technologist	26 .50
12221 - Nursing Assistant I	9 .60
12222 - Nursing Assistant II	10 .79
12223 - Nursing Assistant III	11 .77
12224 - Nursing Assistant IV	13 .22
12235 - Optical Dispenser	14 .53
12236 - Optical Technician	13 .58
12250 - Pharmacy Technician	11 .63
12280 - Phlebotomist	13 .22
12305 - Radiologic Technologist	21 .29
12311 - Registered Nurse I	20 .46
12312 - Registered Nurse II	25 .03
12313 - Registered Nurse II, Specialist	25 .03
12314 - Registered Nurse III	30 .29
12315 - Registered Nurse III, Anesthetist	30 .29
12316 - Registered Nurse IV	36 .30
12317 - Scheduler (Drug and Alcohol Testing)	21 .89

13000 - Information And Arts Occupations

13011 - Exhibits Specialist I	16 .28
13012 - Exhibits Specialist II	19 .38
13013 - Exhibits Specialist III	21 .19
13041 - Illustrator I	16 .29
13042 - Illustrator II	19 .38
13043 - Illustrator III	21 .19
13047 - Librarian	20 .37
13050 - Library Aide/Clerk	9 .01
13054 - Library Information Technology Systems Administrator	19 .38
13058 - Library Technician	12 .44
13061 - Media Specialist I	14 .31
13062 - Media Specialist II	15 .74
13063 - Media Specialist III	17 .31
13071 - Photographer I	12 .83
13072 - Photographer II	15 .52
13073 - Photographer III	18 .48
13074 - Photographer IV	20 .21
13075 - Photographer V	22 .34
13110 - Video Teleconference Technician	14 .31

14000 - Information Technology Occupations

14041 - Computer Operator I	15 .37
14042 - Computer Operator II	16 .72
14043 - Computer Operator III	18 .75
14044 - Computer Operator IV	20 .58
14045 - Computer Operator V	22 .96
14071 - Computer Programmer I (1)	18 .98
14072 - Computer Programmer II (1)	23 .42
14073 - Computer Programmer III (1)	27 .62
14074 - Computer Programmer IV (1)	27 .62
14101 - Computer Systems Analyst I (1)	26 .40
14102 - Computer Systems Analyst II (1)	27 .62
14103 - Computer Systems Analyst III (1)	27 .62
14150 - Peripheral Equipment Operator	15 .37

14160 - Personal Computer Support Technician	20 .58

15000 - Instructional Occupations

15010 - Aircrew Training Devices Instructor (Non-Rated)	23 .92
15020 - Aircrew Training Devices Instructor (Rated)	28 .93
15030 - Air Crew Training Devices Instructor (Pilot)	31 .82
15050 - Computer Based Training Specialist / Instructor	27 .62
15060 - Educational Technologist	20 .95
15070 - Flight Instructor (Pilot)	31 .82
15080 - Graphic Artist	20 .58
15090 - Technical Instructor	19 .20
15095 - Technical Instructor/Course Developer	23 .23
15110 - Test Proctor	15 .49
15120 - Tutor	15 .49

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations

16010 - Assembler	7 .61
16030 - Counter Attendant	7 .61
16040 - Dry Cleaner	9 .49
16070 - Finisher, Flatwork, Machine	7 .61
16090 - Presser, Hand	7 .61
16110 - Presser, Machine, Drycleaning	7 .61
16130 - Presser, Machine, Shirts	7 .61
16160 - Presser, Machine, Wearing Apparel, Laundry	7 .61
16190 - Sewing Machine Operator	10 .09
16220 - Tailor	10 .71
16250 - Washer, Machine	8 .24

19000 - Machine Tool Operation And Repair Occupations

19010 - Machine-Tool Operator (Tool Room)	16 .35
19040 - Tool And Die Maker	19 .43

21000 - Materials Handling And Packing Occupations

21020 - Forklift Operator	12 .05
21030 - Material Coordinator	17 .83
21040 - Material Expediter	17 .83
21050 - Material Handling Laborer	9 .31
21071 - Order Filler	11 .67
21080 - Production Line Worker (Food Processing)	13 .84
21110 - Shipping Packer	11 .93
21130 - Shipping/Receiving Clerk	11 .97
21140 - Store Worker I	10 .44
21150 - Stock Clerk	14 .29
21210 - Tools And Parts Attendant	14 .66
21410 - Warehouse Specialist	14 .58

23000 - Mechanics And Maintenance And Repair Occupations

23010 - Aerospace Structural Welder	23 .29
23021 - Aircraft Mechanic I	22 .18
23022 - Aircraft Mechanic II	23 .29
23023 - Aircraft Mechanic III	24 .46
23040 - Aircraft Mechanic Helper	15 .59
23050 - Aircraft, Painter	19 .14
23060 - Aircraft Servicer	17 .47
23080 - Aircraft Worker	18 .35
23110 - Appliance Mechanic	15 .76
23120 - Bicycle Repairer	13 .08
23125 - Cable Splicer	20 .53
23130 - Carpenter, Maintenance	15 .76
23140 - Carpet Layer	15 .19
23160 - Electrician, Maintenance	18 .94
23181 - Electronics Technician Maintenance I	18 .69
23182 - Electronics Technician Maintenance II	22 .66
23183 - Electronics Technician Maintenance III	25 .45
23260 - Fabric Worker	14 .55
23290 - Fire Alarm System Mechanic	17 .44
23310 - Fire Extinguisher Repairer	13 .84

23311 - Fuel Distribution System Mechanic	17 .44
23312 - Fuel Distribution System Operator	16 .24
23370 - General Maintenance Worker	16 .56
23380 - Ground Support Equipment Mechanic	22 .18
23381 - Ground Support Equipment Servicer	17 .47
23382 - Ground Support Equipment Worker	18 .35
23391 - Gunsmith I	16 .66
23392 - Gunsmith II	19 .02
23393 - Gunsmith III	21 .44
23410 - Heating, Ventilation And Air-Conditioning Mechanic	16 .81
23411 - Heating, Ventilation And Air Conditioning Mechanic (Research Facility)	17 .77
23430 - Heavy Equipment Mechanic	17 .47
23440 - Heavy Equipment Operator	16 .89
23460 - Instrument Mechanic	16 .89
23465 - Laboratory/Shelter Mechanic	20 .21
23470 - Laborer	11 .04
23510 - Locksmith	15 .76
23530 - Machinery Maintenance Mechanic	19 .95
23550 - Machinist, Maintenance	17 .68
23580 - Maintenance Trades Helper	12 .74
23591 - Metrology Technician I	16 .89
23592 - Metrology Technician II	17 .73
23593 - Metrology Technician III	18 .62
23640 - Millwright	20 .21
23710 - Office Appliance Repairer	18 .13
23760 - Painter, Maintenance	15 .76
23790 - Pipefitter, Maintenance	16 .49
23810 - Plumber, Maintenance	15 .76
23820 - Pneudraulic Systems Mechanic	17 .44
23850 - Rigger	17 .44
23870 - Scale Mechanic	15 .52
23890 - Sheet-Metal Worker, Maintenance	17 .64
23910 - Small Engine Mechanic	15 .00
23931 - Telecommunications Mechanic I	19 .95
23932 - Telecommunications Mechanic II	20 .86
23950 - Telephone Lineman	18 .14

23960 - Welder, Combination, Maintenance	16 .49
23965 - Well Driller	17 .44
23970 - Woodcraft Worker	17 .44
23980 - Woodworker	13 .54

24000 - Personal Needs Occupations

24570 - Child Care Attendant	7 .70
24580 - Child Care Center Clerk	11 .02
24610 - Chore Aide	9 .57
24620 - Family Readiness And Support Services Coordinator	10 .95
24630 - Homemaker	13 .49

25000 - Plant And System Operations Occupations

25010 - Boiler Tender	17 .44
25040 - Sewage Plant Operator	16 .46
25070 - Stationary Engineer	17 .44
25190 - Ventilation Equipment Tender	12 .74
25210 - Water Treatment Plant Operator	16 .46

27000 - Protective Service Occupations

27004 - Alarm Monitor	13 .13
27007 - Baggage Inspector	10 .77
27008 - Corrections Officer	16 .39
27010 - Court Security Officer	16 .85
27030 - Detection Dog Handler	15 .65
27040 - Detention Officer	16 .39
27070 - Firefighter	16 .09
27101 - Guard I	10 .77
27102 - Guard II	15 .65
27131 - Police Officer I	18 .08
27132 - Police Officer II	20 .11

28000 - Recreation Occupations

28041 - Carnival Equipment Operator	11 .35
28042 - Carnival Equipment Repairer	11 .62
28043 - Carnival Equipment Worker	7 .82
28210 - Gate Attendant/Gate Tender	12 .14
28310 - Lifeguard	10 .82
28350 - Park Attendant (Aide)	13 .58
28510 - Recreation Aide/Health Facility Attendant	9 .91
28515 - Recreation Specialist	16 .83
28630 - Sports Official	10 .82
28690 - Swimming Pool Operator	13 .44

29000 - Stevedoring/Longshoremen Occupational Services

29010 - Blocker And Bracer	16 .92
29020 - Hatch Tender	16 .52
29030 - Line Handler	16 .52
29041 - Stevedore I	16 .17
29042 - Stevedore II	17 .91

30000 - Technical Occupations

30010 - Air Traffic Control Specialist, Center (HFO) (2)	32 .38
30011 - Air Traffic Control Specialist, Station (HFO) (2)	22 .33
30012 - Air Traffic Control Specialist, Terminal (HFO) (2)	24 .59
30021 - Archeological Technician I	14 .56
30022 - Archeological Technician II	16 .54
30023 - Archeological Technician III	20 .23
30030 - Cartographic Technician	19 .71
30040 - Civil Engineering Technician	19 .10
30061 - Drafter/CAD Operator I	11 .70
30062 - Drafter/CAD Operator II	15 .05
30063 - Drafter/CAD Operator III	18 .21
30064 - Drafter/CAD Operator IV	19 .71
30081 - Engineering Technician I	11 .97
30082 - Engineering Technician II	15 .21

30083 - Engineering Technician III	17 .50
30084 - Engineering Technician IV	21 .10
30085 - Engineering Technician V	25 .06
30086 - Engineering Technician VI	27 .70
30090 - Environmental Technician	18 .78
30210 - Laboratory Technician	21 .01
30240 - Mathematical Technician	19 .22
30361 - Paralegal/Legal Assistant I	13 .81
30362 - Paralegal/Legal Assistant II	18 .68
30363 - Paralegal/Legal Assistant III	22 .84
30364 - Paralegal/Legal Assistant IV	27 .66
30390 - Photo-Optics Technician	19 .71
30461 - Technical Writer I	16 .33
30462 - Technical Writer II	19 .97
30463 - Technical Writer III	24 .15
30491 - Unexploded Ordnance (UXO) Technician I	20 .58
30492 - Unexploded Ordnance (UXO) Technician II	24 .90
30493 - Unexploded Ordnance (UXO) Technician III	29 .85
30494 - Unexploded (UXO) Safety Escort	20 .58
30495 - Unexploded (UXO) Sweep Personnel	20 .58
30620 - Weather Observer, Combined Upper Air Or Surface Programs (2)	16 .55
30621 - Weather Observer, Senior (2)	18 .40

31000 - Transportation/Mobile Equipment Operation Occupations

31020 - Bus Aide	9 .63
31030 - Bus Driver	15 .56
31043 - Driver Courier	11 .35
31260 - Parking and Lot Attendant	9 .94
31290 - Shuttle Bus Driver	13 .42
31310 - Taxi Driver	10 .94
31361 - Truckdriver, Light	13 .42
31362 - Truckdriver, Medium	14 .16
31363 - Truckdriver, Heavy	15 .16
31364 - Truckdriver, Tractor-Trailer	15 .16

99000 - Miscellaneous Occupations

99030 - Cashier	8 .76
99050 - Desk Clerk	8 .66
99095 - Embalmer	22 .02
99251 - Laboratory Animal Caretaker I	9 .90
99252 - Laboratory Animal Caretaker II	10 .75
99310 - Mortician	22 .59
99410 - Pest Controller	12 .25
99510 - Photofinishing Worker	9 .71
99710 - Recycling Laborer	10 .63
99711 - Recycling Specialist	13 .09
99730 - Refuse Collector	10 .12
99810 - Sales Clerk	10 .26
99820 - School Crossing Guard	9 .67
99830 - Survey Party Chief	14 .45
99831 - Surveying Aide	9 .58
99832 - Surveying Technician	13 .14
99840 - Vending Machine Attendant	13 .23
99841 - Vending Machine Repairer	15 .46
99842 - Vending Machine Repairer Helper	13 .23

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $3.16 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, 4 weeks after 15 years, and 5 weeks after 20 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING

BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

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

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

** UNIFORM ALLOWANCE **

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

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

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

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

Conformance Process:

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

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

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

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

Note: The Wage Determination No. 2007-0126 incorporates collective bargaining agreements with SGS and International Association of Machinists and Aerospace Workers, AFL-CIO, Local 2061 effective April 30, 2005 through March 31, 2009 and Teamsters Local 769, affiliated with International Brotherhood of Teamsters, effective April 1, 2007 through March 31, 2010.

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR

THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION

By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

|

|

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| Wage Determination No.: 2007-0126

William W.Gross Division of | Revision No.: 1

Director Wage Determinations| Date Of Last Revision: 07/13/2007

State: Florida

Area: Florida County of Brevard

Employed on NASA contract for medical and environmental support at the Kennedy Space Center and Cape Canaveral Air Force Station::

Collective Bargaining Agreement between Space Gateway Support and International Association of Machinists and Aerospace Workers, AFL-CIO, Local 2061 effective April 30, 2005 through March 31, 2009.

Collective Bargaining Agreement between Space Gateway Support and Teamsters Local 769, affiliated with International Brotherhood of Teamsters, effective April 1, 2007 through March 31, 2010.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

ATTACHMENT J-8
STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES – ATTACHMENT J-8

NON-REPRESENTED EMPLOYEES

Administrative Assist III	$10.96
Administrative Assist IV	$12.18
Human Resource Assistant IV	$10.96
Human Resource Assistant III	$9.84
Computer Operator III	$10.96
Computer Operator V	$12.18
Computer Systems Analyst II	$8.79
Electronics Technician II	$14.78
Accounting Clerk I	$6.82
Accounting Clerk II	$7.83
Accounting Clerk III	$8.79
Accounting Clerk IV	$9.84
Cartographic Technician	$12.18
Emergency Medical Technician	$9.84
Laboratory Tech	$10.96
Medical Records Clerk	$8.79
Secretary I	$8.79
Secretary II	$9.84
Secretary III	$10.96
Secretary IV	$12.18
Word Processor I	$7.83
Word Processor III	$9.84
General Clerk I	$6.38
Truck Driver, Light Truck	$12.70
Shipping/Receiving Clerk	$11.12
Inspector (FGE)*	$17.97
Supply Clerk	$11.12
Order Clerk II	$7.83
Truck Driver, Medium Truck	$13.39
Inspector (FGE)*	$14.06
Engineering Support Specialist	TBD
Environmental Engineer	TBD
Environmental Specialist	TBD
Wellness Coordinator	TBD
Physician	TBD
Physician Assistant	TBD
Nurse Practitioner	TBD
Fitness Trainer	TBD
Employee Assistance Program Counselor	TBD
Musculoskeletal Rehabilitation (Athletic Training) Therapist	TBD
Industrial Hygienist	TBD
Health Physicist	TBD
Sanitarian	TBD
Safety Engineer	TBD
Safety Specialist	TBD
Information Technology Specialist	TBD
Systems Analyst	TBD

*Federal Grade Equivalency (FGE) is usually one grade above the class that performs the work being inspected.

UNION REPRESENTED EMPLOYEES

Accounting Assistant III	CBA
Accounting Assistant II	CBA
Staff Assistant III	CBA
Scheduler	CBA
Classified Documents Clerk	CBA
Staff Assistant II	CBA
Accounting Assistant I	CBA
General Clerk	CBA
Supply Specialist	CBA
Medium Truck Driver	CBA
Laborer	CBA
Motor Vehicle Operator (Under ½ Ton)	CBA
Dispatcher	CBA
Clerk III	CBA
Quality Control Inspector	CBA
Word Processor II	CBA
Material Coordinator	CBA
Logistic Coordinator, Special	CBA
Logistic Coordinator, IC	CBA
Logistic Coordinator	CBA
Environmental Health Specialist	CBA
Technician	CBA
Junior Computer Operator	CBA
Int. Computer Operator	CBA
Senior Computer Operator	CBA
Security Assistant	CBA
Senior Distribution Clerk	CBA
Senior Document Control Clerk	CBA
Distribution Clerk	CBA
Messenger Driver	CBA
Messenger	CBA
Control Clerk	CBA
Cashier	CBA
Accounts Payable Inventory and Requisition Clerk	CBA
Truck Loader	CBA
Information Specialist	CBA
Graphics Specialist Lead	CBA
Graphics Specialist	CBA
Forms Control Clerk	CBA
Clerk A	CBA
Clerk B	CBA
Quality Control Specialist	CBA
Maintenance Specialist	CBA
Equipment Operator	CBA
Material Handler (student hire only)	CBA
Engineering Specialist	CBA
Quality Assurance Technician	CBA
Laboratory Technician	CBA
Sampling Technician	CBA
Material Analyst	CBA
Hazardous Waste Technician	CBA
Laboratory Technician	CBA
Medical Clerk	CBA
Nurse RN	CBA
Nurse RN/COHN	CBA
Nurse RN/CCRN	CBA

STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES – ATTACHMENT J-8

Note: CBA – Collective Bargaining Agreement

ATTACHMENT J-8
GOVERNMENT FURNISHED FACILITIES

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

Government Furnished Facilities Medical and Environmental Support Contract, Contract NNK07204121R			
Note: Square Footage values are approximate.			
Building Number	**Building Name**	**Building Description**	**Square Footage**
49635	ENVIRONMENTAL HEALTH/HEALTH PHYSICS FACILITY	Facility is located on CCAFS. Facility currently houses the Health Physics personnel and Health Physics laboratories. Facility also currently houses many of the KSC Ecological Program personnel and laboratories.	5580
54927	ENVIRONMENTAL HEALTH STORAGE FACILITY	Room 100; Health Physics Storage for MRS incident response	390
K6-1096	OPERATIONS SUPPORT BUILDING	Fitness Center	2500
K6-1145	MULTI-FUNCTION FACILITY	Medical Clinic and Classroom	1870
K7-0114	HAZARDOUS WASTE STAGING BUILDING	Facility part of the permitted Treatment, Storage and Disposal Facility.	100
K7-0115	PCB WASTE STORAGE BUILDING	Facility part of the permitted Treatment, Storage and Disposal Facility.	1080
K7-0165	HAZARDOUS WASTE STORAGE BUILDING/LIQUIDS	Facility part of the permitted Treatment, Storage and Disposal Facility.	4350
L7-1557	ENVIRONMENTAL HEALTH FACILITY	Facility currently houses the Environmental Health Functions (office space, equipment storage, etc.) and the Environmental Sampling, Analysis and Monitoring Functions (office space, equipment storage, sample prep, etc.).	8000
L7-1557C	STORAGE BUILDING	Storage	650
L7-1557D	ASBESTOS TESTING LAB	Adjacent to L7-1557	1260
M6-0411	FIRST AID STATION/VIC	Nurses Station at the KSC Visitor's Center	450
M6-0495	OCCUPATIONAL HEALTH CLINIC	Facility currently houses the KSC Occupational Health Program functions including certification exams and treatments.	12000
M6-0495B	MEDICAL SUPPLY STORAGE BUILDING	Storage	800
M6-0847	SILVER RECOVERY BUILDING		360

Building Number	Building Name	Building Description	Square Footage
M7-0355	OPERATIONS and CHECKOUT BUILDING	Office Space, GIS Lab (Earth Systems Monitoring Data Laboratory - ESMDL), Fitness Center, Musculoskeletal Rehibilitation, Clinical Labs (micro-biology, chemistry, hemotology), Biomedical Lab, Aerospace Medicine (exam rooms and labs), Environmental Micro Lab, Agency Occupational Health Program Support	26700
M7-1521	VERTICAL PROCESSING FACILITY ANNEX	Business Office and Storage	3000
TR1-0622	WASTE MANAGEMENT SUPPORT TRAILER	Office Space and Records Storage (Note: This trailer is due to be replaced with equivalent size trailer September 2007.)	900

ATTACHMENT J-9
COMPLIANCE DOCUMENT LIST

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

List of PWS Compliance Documents*

Document	Document Title
KBM-ST-2.1A	Medical Standards
KBM-ST-2.1B	Medical Standards and Policy
KNPD 1800.1	KSC Environmental Health Program
KNPD 1800.2	KSC Hazard Communications Program
KNPD 1810.1	KSC Occupational Medicine Program
KNPD 1860.1	KSC Radiation Protection Program
KNPD 3792.1	KSC Employee Assistance Program (EAP)
KNPR 1820.3	KSC Hearing Loss Prevention Program
KNPR 1820.4	KSC Respiratory Protection Program
KNPR 1840.19	KSC Industrial Hygiene Programs
KNPR 1860.1	KSC Ionizing Radiation Protection Program
KNPR 1860.2	KSC Non- Ionizing Radiation Protection Program
KNPR 1870.1	KSC Sanitation Program
KNPR 3792.1	Employee Assistance Program (EAP) Psychological Support Preparedness Plan in the Event of a Disaster Procedural Requirements
KNPR 4000.1	Supply and Equipment System Manual
KNPR 8500.1	KSC Environmental Requirements
KNPR 8715.3	KSC Safety Practices Procedural Requirements
KNPR 8730.1	KSC Metrology and Calibration Procedural Requirements
KSC-PLN-1914	KSC Medical Operations Support Implementation Plan (MOSIP)
KSC-PLN-1915	KSC Emergency Medical Services (EMS) Plan
NPD 1600.3	Policy on Prevention of and Response to Workplace Violence
NPD 1800.2B	NASA Occupational Health Program
NPD 2190.1A	NASA Export Control Program
NPD 8500.1A	NASA Environmental Management
NPR 1800.1B	NASA Occupational Health Program Procedures
NPR 2190.1	NASA Export Control Program
NPR 2810.1A	Security of Information Technology
NPR 3792.1B	Plan for a Drug-Free Workplace
NPR 4200.1F	NASA Equipment Management Procedural Requirements
NPR 4300.1A	NASA Personal Property Disposal Procedural Requirements (Revalidated 2/17/06 with Change 1)
NPR 8000.4	Risk Management Procedural Requirements
NPR 8715.3B	NASA General Safety Program Requirements
TA-POLICY-012	Kennedy Space Center Automated External Defibrillator (AED) Policy
JSC 13956	JSC Medical Operations Requirement Document (MORD)

* Any compliance document that references JBOSC-provided Occupational Medicine or Environmental Health services will be revised to identify the MESC, as the service provider, upon contract start.

List of USAF Compliance Documents

Document	Document Title
45 SW OPlan 19-14	Waste Petroleum Products and Hazardous Waste Management Plan
45 SW 40-201	Radiation Protection Program
45 SW 48-105	Hazard Communication Program
45 SW 48-106	Respiratory Protection Program
AFI 32-7042	Solid and Hazardous Waste Compliance
AFI 40-201	Managing Radioactive Material
AFI 48-102	Medical Entomology
AFI 48-116	Food Safety Program
AFI 48-117	Public Facility Sanitation
AFI 48-119	Medical Services Environmental Quality Programs
AFI 48-144	Safe Drinking Water Surveillance Program
AFI 48-145	Occupational Health Program
AFI 48-148	Ionizing Radiation Program
AFMAN 48-125	Personnel Ionizing Radiation Dosimetry
AFOSH Std. 48-8	Controlling Exposures to Hazardous Materials
AFOSH Std. 48-9	Radio Frequency Radiation (RFR) Safety Program
AFOSH Std. 48-20	Occupational Noise and Hearing Conservation Program
AFOSH Std. 48-139	Laser Radiation Protection Program
AFOSH Std. 48-137	Respiratory Protection Program
AFPAM 48-151	Thermal Injury
AFCP 48-1	Aerospace Medicine Program

Note: All compliance documents are subject to revision. The MESC Contractor shall comply with the current version, as revised.

ATTACHMENT J-10
AWARD FEE EVALUATION PLAN

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

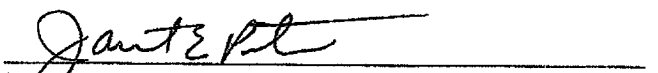
SIGNATURE PAGE

Prepared by:



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Deputy Director, John F. Kennedy Space Center
Fee Determination Official

9-23-2008
Date

A. PURPOSE

The Performance Evaluation Plan defines the process by which the Government will encourage and reward the contractor for safe, high quality, cost effective performance in fulfilling the requirements set forth in the Medical and Environmental Support Contract (MESC); to provide flexibility for changes in management, business and performance emphasis; and to promote effective communications and customer service. The award fee process enables the Government to focus on overall operational and cost performance and to emphasize those aspects of critical milestone achievements essential to reach performance objectives. The performance award fee process includes an objective and subjective assessment by the Government.

B. EVALUATION PROCEDURES

Performance evaluation and Award Fee will be determined annually in accordance with the KDP KSC-P-2402, Award Fee Evaluation Process. The Award Fee Board (AFB) membership for the MESC is documented in KDP-KSC-P-2402. The AFB will review and consider the summary evaluation report prepared by the Contracting Officer's Technical Representative (COTR), and additional contractor data, if any. The COTR will be the focal point for the accumulation and development of Performance/Award Fee evaluation reports, reviews, and presentations, as well as discussions with MESC Contractor management on Performance/Award Fee matters.

Performance metrics and Areas of Emphasis (AOE) will be established for each evaluation period and communicated by the Contracting Officer (CO) to the contractor at least 15 calendar days prior to the start of the evaluation period. The metrics and AOE will identify the performance elements of particular importance which are deserving of special attention during the evaluation period. The evaluation criteria will not detail the entire spectrum of performance that will be evaluated in determining the performance score and award fee. Other pertinent factors included under the contract and general factors bearing upon overall Contractor performance will be considered as the facts and circumstances of each period may require.

The award fee plan and related performance standards may be revised unilaterally by the Government prior to the beginning of any evaluation period as long as the CO notifies the MESC Contractor, in writing, of any such changes 15 days prior to the start of the relevant evaluation period. Any changes occurring within the evaluation period shall require mutual agreement of the Government and MESC Contractor.

The contractor's performance will be assessed at the mid-point (non-scored) of each evaluation period. Mid-point evaluation reports will be provided to the MESC Contractor and copies will be provided to the AFB members. Contractor performance levels which require remedial attention, or which may adversely affect Performance/Award Fee ratings, will be made known to the contractor by the COTR.

Within 30 calendar days following each annual evaluation period, the COTR will prepare a

summary report on the evaluation of the contractor's performance based on all metrics, Government surveillance data, AOE and contractor furnished data. The Contractor will be furnished a copy of the evaluation report for the period. Within 5 working days from receipt of the evaluation report, the Contractor may submit additional data relevant to the performance evaluation in writing to the COTR. The Contractor also has the option of making a presentation to the AFB and Fee Determination Official (FDO) on that period's performance.

C. EVALUATION FACTORS AND WEIGHTED SCORING SYSTEM

The Government will use two factors, Performance and Cost Control, to determine the Total Award Fee Score for each annual evaluation period. The Contractor's performance will be evaluated based on objective and subjective criteria. The Contractor's ability to manage and control costs will also be evaluated. The Government will determine a score, 0-100, for each evaluation factor, based on the performance evaluation. Each factor's score will be weighted based on the following contribution to the Total Award Fee Score: Performance 75% and Cost Control 25%. The Performance Evaluation Factor will include the Subjective element (67%) and the Objective element (33%). The following sections describe each evaluation factor and the Total Award Fee Score calculations.

1. Performance Evaluation Factor. The Government will evaluate major elements of contractor performance, such as managerial and business performance, efficiency and effectiveness of operations, safety, quality, communications and customer support, and develop a performance evaluation score (PES). The PES score will consist of two elements, an objective element and a subjective element.

   a. Objective Element: The contractor's evaluation will include a review of demonstrated performance measured against objective performance standards listed in Section J, Attachment J-15 and metrics initiated at contract startup. Additional performance standards and metrics may be identified for specific award fee periods and will be communicated by the CO to the Contractor, at least 15 days prior to the start of the period.

   b. Subjective Element: The Government's evaluation of the Contractor's performance will also include a subjective assessment in areas such as process improvement, customer satisfaction, management effectiveness (including relationships with the Government and other Contractors as well as management of subcontractors), and documented AOEs.

2. Cost Control Evaluation Factor. The Government will evaluate the contractor's cost management and develop a cost control evaluation score (CES). The predominant consideration of this factor will be a measurement of the contractor's performance against the negotiated estimated cost of the contract for the evaluation period. This estimated cost may be adjusted to include the value of undefinitized change orders and for costs outside of the contractor's control.

The Contractor may earn up to the maximum cost score only if the numerical score for the performance evaluation factor (PES) is "81" or above. PES falling within the range "61" to "80" will permit the Contractor to be rewarded for cost control, but not at the maximum available cost control score (see Table 1 below). The Contractor shall receive a score of zero (0) for cost control if the PES is less than "61" or if the Contractor significantly overruns costs within its control. The Contractor may not receive a cost control scores of zero (0) if overruns are insignificant; however, cost control scores will decrease sharply as overruns increase.

The definitions and formula used to determine the total performance score and resultant award fee are as follows:

Definitions

Weighted Evaluation Score	=	WES
Objective Element Score	=	OES
Objective Element Weight (33%)	=	OEW
Subjective Element Score	=	SES
Subjective Element Weight (67%)	=	SEW
Performance Evaluation Score	=	PES
Performance Weight (75%)	=	PW
Cost Control Evaluation Score	=	CES
Cost Weight	=	CW

Formulas

PES = (OES) (OEW) + (SES) (SEW)

WES = (PES) (PW) + (CES) (CW)

PES	CW		PES	CW
81-100	25		**70**	14
80	24		**69**	13
79	23		**68**	12
78	22		**67**	11
77	21		**66**	10
76	20		**65**	9
75	19		**64**	8
74	18		**63**	7
73	17		**62**	6
72	16		**61**	5
71	15		**≤ 60**	0

Table 1 – Cost Control Weight Adjustments

An overall performance evaluation and fee determination of zero shall be made for any evaluation period when there is a major breach of safety or security as defined in NFS 1852.223-75, Major Breach of Safety or Security.

D. AWARD FEE PERFORMANCE DETERMINATION

After consulting with the COTR and AFB, the FDO shall make a final, unilateral performance score and award fee determination. Generally, the FDO will make the award fee determination within 45 calendar days from the end of the period being evaluated. The FDO's unilateral determination shall not be subject to the clause of this contract entitled "Disputes" and there are no provisions for additional appeal rights. After receipt of the FDO's Award Fee Determination Letter, the CO will promptly prepare a contract modification reflecting the award fee adjective rating, weighted evaluation score, and award fee earned.

E. NUMERICAL SCORES, ADJECTIVE DEFINITIONS AND AWARD FEE SCALE

1. Numerical Scores and Award Fee Scale. The FDO may award numerical scores from a range of zero (0) to 100. Weighted evaluation scores of zero (0) to 60 earn zero percent of available award fee for that evaluation period. Weighted evaluation scores of 61 and greater have a linear relationship to the percentage of award fee earned for that evaluation period. For example, a numerical score of 85 would earn 85% of available award fee for that evaluation period.

2. Adjective Rating, Definitions and Numerical Range. The following adjective ratings, definitions and numerical ranges shall be used to define the various levels of performance under the contract:

NUMERICAL RANGE	ADJECTIVE RATING	ADJECTIVE DEFINITION
91 - 100	Excellent	Of exceptional merit; exemplary performance in a timely, efficient, and economical manner; very minor (if any) deficiencies with no adverse effect on overall performance.
81 - 90	Very Good	Very effective performance; fully responsive to contract requirements; contract requirements accomplished in a timely, efficient, and economical manner for the most part; only minor deficiencies.
71 - 80	Good	Effective performance; fully responsive to contract requirements; reportable deficiencies, but with little identifiable effect on overall performance.
61 - 70	Satisfactory	Meets or slightly exceeds minimum acceptable standards; adequate

		results; reportable deficiencies with identifiable, but not substantial, effects on overall performance.
60 and below	Poor/Unsatisfactory	Does not meet minimum acceptable standards in one or more areas; remedial action required in one or more areas; deficiencies in one or more areas which adversely affect overall performance.

ATTACHMENT J-11
GLOSSARY, ACRONYMS, AND ABBREVIATIONS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

45TH Space Wing (SW)	The Air Force's 45 SW is the Department of Defense (DoD) executive agent and single manager of Range facilities at Cape Canaveral Air Force Station, Patrick Air Force Base, and downrange stations. The 45 SW's mission is to develop, operate and manage Eastern Range facilities and, as host agency, provide support services to all launch/user activities.
Agency	The NASA Headquarters and NASA Headquarters organizations
Agency Occupational Health Program	A NASA Headquarters organization responsible for overseeing occupational health program policy for the Agency.
Air Doc Briefing	A pre-launch or pre-landing Medical and Communications briefing provided to Department of Defense medical personnel who support NASA-KSC human spacecraft launches and landings.
Architectural Historian	Qualifications are listed in Title 36 Part 61, Appendix A
Astronaut Health Program	Health care provided to NASA astronauts, primarily at the astronaut crew quarters while at KSC.
Certified Licensed Athletic Trainer	Personnel trained in musculoskeletal rehabilitation and certified by the Board of Certification of the National Athletic Trainers Association (NATA) and licensed to practice in the State of Florida.
Biomedical Engineering	In this contract reference to NASA Biomedical Engineering, a part of the NASA-KSC Medical and Environmental Division.
Biomedical Sciences	Biomedical Engineering, Physiology, Biomedical Research, Space Life Sciences
Buy-Quiet Program	Administrative policy that achieves long-term reduction in employee noise exposure when purchasing or designing mechanical systems that are expected to exceed noise emission levels of concern (80dBA).
Cape Canaveral Air Force Station (CCAFS)	The geographic area of the station encompasses approximately 24.7 square miles (15,804 acres) and is located on the Atlantic Coast between Port Canaveral, Florida and the National Aeronautics and Space Agency (NASA), Kennedy Space Center (KSC). It includes Air Force, NASA, NOTU, and other tenants/customers.
Center	NASA/John F. Kennedy Space Center
Civil Service	Civilian employees of the United States Federal Government.
Computer	Any equipment or interconnected system or subsystems of equipment used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. This includes mainframe computers, minicomputers, microcomputers, scientific workstations, word processors, automated office support systems, communication systems, and networks.
Confirmatory Sampling Work Plan	A proposed environmental sampling plan to determine the potential presence of environmental contamination at a RCRA covered facility investigation.
Confirmatory Sampling Report	Report of sampling and analysis results from implementation of a confirmatory sampling plan.

Contractor	For the purpose of this glossary, a contractor is an employer, working under contract to NASA-KSC, including the employer's employees and subcontractors to the employer who are housed on Center.
Crew Examination Facility	A medical examination and treatment area within the Astronaut Crew Quarters located in the Operational and Checkout Building at KSC, M7-355.
Crew Transport Vehicle	A modified airport transportation vehicle which is used post-landing during astronaut egress of the Shuttle. The vehicle contains the capability to medically assess and treat returning astronauts.
Cultural Resources Management Plan	A document that describes the Cultural (Historic and Archeological) Resources at a NASA Center, outlines the processes by which those resources are managed and the activities such as restoration and maintenance that are associated with those resources. This plan is updated as needed and revised every five years.
Customer Requirements	Customer requirements are either verbal or written. Customer service personnel will determine the necessary documentation and establish the appropriate type of Work Order (WO).
Disaster Mental Health Services Support Team	A support team of mental health professionals chosen and trained by NASA to assist, when needed, in support of the KNPR 3792.1 Employee Assistance Program (EAP) Psychological Support Preparedness Plan In The Event Of A Disaster.
Disorientation Event Report	Official notification to the Fish and Wildlife Conservation Commission that documents a nesting sea turtle or hatchling disorientation. Daily beach inspections are completed during sea turtle nesting season from May to October.
Emergency Medical Services Plan: Kennedy Space Center	This document provides a plan and procedures for medical support of a contingency requiring emergency egress from the Space Shuttle Orbiter or Launch Complex 39 in the immediate prelaunch period, or from the orbiter immediately after landing in the Kennedy Space Center area of responsibility. The authority and scope of the Emergency Medical Services Plan are outlined in the Medical Operations Support Implementation Plan: Kennedy Space Center.
Employee Assistance Program (EAP) Psychological Support Preparedness Plan In The Event Of A Disaster Procedural Requirements	This document provides the requirements for the development, management, and implementation of Employee Assistance Program (EAP) psychological support in the event of a disaster at KSC or CCAFS.
Environmental Assessment	A document that outlines the activities associated with a proposed federal action and the alternatives considered. The analysis includes a description of the expected impacts of the proposal and its alternatives. This is a requirement of the National Environmental Policy Act (NEPA).
Environmental	KSC Form 21-608 NS completed for every proposed project and action on

Checklist	KSC, which begins the process of environmental review. Based on information provided on the checklist, each project is evaluated for potential environmental impacts and regulatory compliance issues.
Environmental Evaluation Console	A launch operations console, operated by NASA Environmental Health and MESC contractor personnel. The function of the EEC is to run models of the REEDM program using 45th SW meteorological data and provide launch countdown briefings on predicted acid deposition patterns.
Ergonomic Working Group	A panel chaired by the MESC. The Ergonomic Working Group promotes ergonomics awareness and assists in the implementation of ergonomics programs at KSC. Working group members include Government and contractor health and safety professionals.
Exhaust Ventilation System	A ventilation system designed to capture and remove an air contaminant from its point of emission.
Facility Asbestos Management System	A database management system used to track descriptions, quantities, and locations of asbestos containing building materials in NASA facilities at KSC.
Findings of No Significant Impact (FONSI)	The FONSI is a document that summarizes the results of an Environmental Assessment as required under the National Environmental Policy Act (NEPA). It also includes a statement regarding which alternative was selected by the federal agency for implementation.
FIREMAN	A computerized analytical tool for evaluating fire danger at the Center.
GIS (Geographic Information System)	A computerized relational database management system for capture, storage, retrieval, analysis, and display of spatial (locationally defined) data. GIS software applications allow users to develop linkages between graphical and non-graphical data. Once linked, spatial queries of the linked data can provide users with answers to questions in a fraction of the time previously required to perform the analysis manually.
Health Education and Wellness Program	A NASA-KSC preventive medicine program to promote, maintain, and improve the physical and psychological well being of the worker in the work place.
Health Exams	Part I – Routinely include initial reception, history, vital signs, and any or all of the following: audiometric testing, visual testing, laboratory (blood and urine), pulmonary function testing, electrocardiogram, and x-ray. Part II – Physician consultation which may include a physical examination and medical records/results review. Part III – Usually for planned testing such as a Cardiac stress test (GXT – Graded Exercise Test). Part IV – Administration of additional protocols resulting from Part II or III evaluation such as immunizations, further follow-up with physician or further labs if needed.
Health Information Management System	An information database containing medical records and other health information which can be assessed and evaluated for health related issues.
Health Physics	The discipline of anticipating, recognizing, evaluating, and controlling

	ionizing and non-ionizing hazards in the working environment with the objective of protecting worker health and well-being and safeguarding the community at large.
Homogenous Exposure Groups	A group of persons who experience exposures similar enough that assessing the exposures of any member of the group is predictive of exposures of all members of the group.
IAQ Working Group	A panel chaired by the MESC. The Indoor Air Quality Working Group promotes IAQ and assists stakeholders in coordinating the assessment and mitigation of IAQ problems at KSC. Working group members include Government and contractor health and safety professionals, facilities managers, facilities engineering and work control, and employee stakeholders.
Industrial Hygiene	The discipline of anticipating, recognizing, evaluating, and controlling health hazards in the working environment with the objective of protecting worker health and well-being and safeguarding the community at large.
Jonathan Dickinson Missile Tracking Annex (JDMTA)	This site occupies 12 acres inside the southern boundary of the Jonathan Dickinson State Park, just north of Jupiter, Florida in Martin County.
KSC workforce	The NASA civil servants and contractors working at KSC.
Launch Area Clinic	KSC on-site medical facility located in the multifunctional facility which provides first aid and nursing services.
Launch and Landing Medical Packages	Prepared prior to each spacecraft launch in support of Medical Readiness Meeting and prior to each spacecraft landing and Terminal Count Down Test. Contains plans for confirming all necessary medical preparations for launch and landing, including: -Launch and landing timelines -General mission information -Launch and landing deployment staging maps -General communications listing -Personnel duty, notification tree, and on-call schedules -Triage site maps -Hospital emergency contacts and resources -Flight crew identification, seating and configuration -Special preparations and unique requirements
Life Science	NASA research involved in the biological, biochemical, physiological, or medical areas of interest to the space program.
Major Subcontractors	Subcontractor providing services greater than 10% of the total effort or a subcontractor that is otherwise identified as major by the prime due to the critical nature of the services/work that they perform.
Medical Education Program	NASA-KSC program providing select medical students or physicians with training related to KSC medical operations and aerospace medicine. Typical duties include scheduling participants, providing lectures and tours, preparing participant evaluations, and completing checklists of program activity.
Medical Operations	This JSC document establishes and delineates the medical operation

Requirements Document	requirements for all phases of ground, flight, and payload/experiment–related activities for all Space Shuttle operations.
Medical Operations Support Implementation Plan: Kennedy Space Center	This document is a KSC plan for providing medical support for Space Shuttle operations at the Kennedy Space Center. The document describes the implementation of the Medical Operations Requirements Document at KSC and any KSC requirements of the Medical Operations Responsibilities for Human-Space Flight Programs, Launch and Landing Program Requirements Document, and the Health Stabilization Plan for the Space Transportation System.
Multi-Lateral Medical Policy Board	A group made up of one physician from each of the international partners of the International Space Station. It is the top-level medical policy board that oversees the Multilateral Medical Operations Panel and the Multilateral Space Medicine Board.
NASA-KSC	Kennedy Space Center facilities (including NASA facilities at CCAFS)
NASA Training System	The training program established by NASA-KSC to provide pertinent training for access and safety at KSC.
Occupational Health Conference	An annual conference sponsored and directed by the NASA Office of the Chief Health and Medical Officer (OCHMO). The duties usually include surveying and selecting conference locations, planning and arranging speakers and events, obtaining continuing education credit, providing onsite staff support, preparing and publishing conference proceedings.
Occupational Health Facility	The main health clinic on KSC. It houses administrative, management, and medical staff to conduct medical health examinations, treatments, training, and other associated health related activities. Building number is M6-495.
Occupational Health Nurse	A nurse in the field of occupational health certified in Occupational Health Nursing by the American Board of Occupational Health Nurses.
On-line	Connected to, served by, or available through an interactive computer based communications network.
Operator	Use of this term relative to the Contractor's responsibilities does not include responsibilities of the Operator as defined in environmental permits or regulations. NASA/KSC retains the responsibility as both the Owner and Operator of all such regulated or permitted facilities/systems/activities.
Patrick Air Force Base (PAFB)	Home of an active airfield, encompassing approximately 2,254 acres. The main base occupies approximately 1,943 acres with the balance of 311 acres located about one mile south that includes military family housing and related community activities (commissary, Base Exchange, hospital, etc.).
Potential Release Location	Locations where hazardous materials may have been released into the environment.
Prime Crew Contact Physical	A prerequisite health examination to obtain prime crew contact certification as part of the Astronaut Health Stabilization Program which is required to come in contact with the astronaut crew while in quarantine.

Process Waste Questionaire	A form used at KSC for the process of characterizing waste. (See Section L, Attachment L-10-1, MESC Reference Document List for sample form).
Rapid Response Team	A team assembled by the NASA Ground Operations Manager, to respond to a non-KSC spacecraft contingency site within a few hours of the contingency. A contractor physician, nurse, and environmental health specialist is usually part of the team to provide emergency and occupational medicine to the team.
Record of Environmental Consideration (REC)	A document provided to the project proponent in response to the Environmental Checklist. The REC provides a National Environmental Policy Act (NEPA) determination and outlines environmental requirements including permits, best management practices, waste management, protected species issues, etc., associated with the project or action and steps that must be taken to ensure compliance with environmental laws, regulations and KSC requirements.
Recovery Team	A team of personnel that is deployed to process and return a NASA spacecraft to NASA (usually KSC). The group is larger than the Rapid Response Team. A contractor physician, nurse, and environmental health specialist is usually present to provide occupational medicine services to the team.
Respiratory Protection Panel	A panel chaired by the MESC. The Respiratory Protection Panel assists coordination of Government-provided respirator program services at KSC and assists in the implementation of contractor respirator programs. Working group members include Government and contractor health and safety professionals and the life support services.
Records of Decision	EPA approval of proposed final action at a Resource Conservation and Recovery Act (RCRA) covered site.
Rocket Effluent Exhaust Diffusion Model (REEDM)	REEDM is a computer model used to predict the deposition pattern of acidic fallout generated from the Space Shuttle main engine and Solid Rocket Booster exhaust gases during Space Shuttle launches.
Sanitarian	A person trained in the sanitary sciences, biology, or other related field of study, who operates as an inspector or health official. Responsibilities include reviewing programs and enforcing requirements to ensure the safety of food and potable drinking water, compliant operation of sewerage-disposal systems, insect pest control, and animal facilities; disease control and epidemiologic investigations of illnesses; and sanitation complaint investigations.
Space Flight Medical Support Training Course	An annual one-day training course conducted by and at NASA-KSC to provide training to community medical personnel who may have a role in providing medical care to NASA astronauts or personnel. Unique topics such as spaceflight medicine and NASA medical operations are presented.
NASA/DOD Space Operations Medical Support Training Course	An annual multi-day training course conducted jointly by the Department of Defense and NASA to provide training to DOD forces that may have a role in providing medical care to NASA astronauts or personnel. Unique topics to spaceflight medicine and joint NASA/DOD medical operations are presented.
Special Events	KAC Annual Open House, Annual KSC Picnic, and public assembly for

	launch and landing activities.
SWMU Assessment Report	A report providing detailed information on the investigation of potential environmental contamination at a designated solid waste management unit (SWMU).
Technical Response Package (TRP)	An output generated by processing a Process Waste Questionnaire that provides a waste characterization. The TRP is a product that will be generated by the MESC Contractor and provided to KSC/USAF contractors and tenants. (See Section L, Attachment L-10-1 MESC Reference Document List for sample).
Tenant	Federal government organizations and NASA or USAF guest organizations housed in facility space provided by NASA-KSC or USAF. Tenants include liaison offices of other NASA Headquarters and other NASA centers, the Department of Defense, the State of Florida, and agencies of foreign governments.
Triage Site	A site on KSC or CCAFS where the KSC emergency medical triage forces set up to receive, decontaminate, treat, and medevac patients of a KSC contingency as described in KSC-PLN-1915 Emergency Medical Services Plan .
Triage Vehicle	A van stocked with medical supplies and is part of the medical triage forces as described in KSC-PLN-1915 Emergency Medical Services Plan.
Visitors Center Water Features	A structure designed to allow for recreational activities with recirculated, filtered, and treated water; but having minimal standing water. Water from the interactive fountain type features is collected by gravity below grade in a collector tank or sump. The water is filtered, disinfected and then pumped to the feature spray discharge heads.
Wind Tower and Rawindsonde Database	A management information system that collects and distributes meteorological data collected from wind towers distributed about the KSC and CCAFS and rawindsonde balloons deployed from KSC/CCAFS.

AED	Automated External Defibrillator
AED-PC	Automated External Defibrillator Program Coordinator
AHA	American Heart Association
ACO	Administrative Contracting Officer
ACLS	Advanced Cardiac Life Support
ACM	Asbestos Containing Material
ADP	Administrative Data Processing
AFB	Air Force Base
AFI	Air Force Instruction
AFOSH	Air Force Occupational Safety and Health
AFTO	Air Force Technical Order
AHED	Agency Health Enhancement Database
ATLS	Advanced Trauma Life Support
AUDRIS	Automated Utility Database Reporting & Information System
BCLS	Basic Cardiac Life Support
CAP	College of American Pathologists
CCAFS	Cape Canaveral Air Force Station
CFE	Contractor Furnished Equipment
CFP	Contractor Furnished Property
CFR	Code of Federal Regulations
CHMM	Certified Hazardous Material Manager
CISD	Critical Incident Stress Debriefing
CISM	Critical Incident Stress Management
CLIA	Clinical Laboratory Improvement Amendments
CRMP	Cultural Resources Management Plan
DCAA	Defense Contract Audit Agency
DoD	Department of Defense
DOT	Department of Transportation
E.O.	Executive Order
EAP	Employee Assistance Program
EA	Environmental Assessemt
ECSAM	Environmental Compliance Sampling, Analysis, and Monitoring
EEC	Environmental Evaluation Console
EIS	Environmental Impact Statement
EH	Environmental Health
EHRS	Electronic Health Records System
EMS	Emergency Medical Services
EMS	Environmental Management System
"EMS"	Emergency Medical Services Coordinator
EOC	Emergency Operations Center

EPA	Environmental Protection Agency
EPB	Environmental Program Branch
ERD	Environmental Resources Document
ESHOCAMP	Environment, Safety, and Occupational Health Compliance Assessments
ESPC	Environmental Sanitation and Pollution Control
FAR	Federal Acquisition Regulation
FDEP	Florida Department of Environmental Protection
FEHP	Federal Employee Health Program
FONSI	Findings of No Significant Impact
FOWT	Federally Owned Treatment Works
FY	Fiscal Year
G&A	General and Administrative
GAAP	Generally Accepted Accounting Principles
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GIS	Geographic Information System
GPO	Government Printing Office
GSA	General Services Administration
GSE	Ground Support Equipment
HAACP	Hazardous and Critical Control Point
HP	Health Physics
IAQ	Indoor Air Quality
iaw	in accordance with
IH	Industrial hygiene
IRB	Institutional Review Board
ISC	Institutional Services Contract
IT	Information Technology
JDMTA	Jonathan Dickinson Missile Tracking Annex
JOCAS	Job Order Cost Accounting System
JOM	Job Order Monitor
JON	Job Order Number
"KMD"	Kennedy Medical Doctor
"KRN"	Kennedy Registered Nurse
KSC	Kennedy Space Center
KSCVC	Kennedy Space Center Visitors Complex
LOX	Liquid oxygen
MORD	Medical Operations Requirement Document
MOSIP	Medical Operations Implementation Plan: Kennedy Space Center
MOU	Memorandum of Understanding
MRO	Medical Review Officer

MSD	Musculoskeletal Disorder
MSDS	Material Safety Data Sheet
NADP	National Atmospheric Deposition Program
NASA	National Aeronautics and Space Administration
NDE	Nondestructive Evaluation
NEPOD	NASA Environmental Program Office Database
NOTU	Naval Ordnance Test Unit
NRC	Nuclear Regulatory Commission
OCHMO	Office of the Chief Health and Medcial Officer
ODIN	Outsourcing Desktops Initiative in NASA
OM	Occupational Medicine
OMEH	Occupational Medicine and Environmental Health
OSHA	Occupational Safety and Health Administration
PAFB	Patrick Air Force Base
PCM	Phase Contract Microscopy
PLM	Polarized Light Microscopy
PRL	Potential Release Location
PWQ	Process Waste Questionaire
RDI	Rapid Quantitative Determination
REC	Record of Environmental Consideration
ROD	Records of Decision
RUA	Radiation Use Request
RUR	Radiation Use Authorization
RPO	Radiation Protection Officer
SAN	Sanitation
SOW	Statement of Work
SPCC	Spill Prevention Control and Countermeasures Plan
SRB	Solid Rocket Booster
SSPF	Space Station Processing Facility
SW	Space Wing
SWMU	Solid Waste Management Unit
T.E.	Technical Exhibit
T.O.	Technical Order
TBD	To Be Determined By The Government
TBP	To Be Proposed By The Contractor
TCDT	Terminal Countdown Demonstration Test
TCLP	Toxicity Characteristic Leachate Procedure
TRP	Technical Response Package
TSDF	Treatment, Storage, and Disposal Facility
USAF	United States Air Force
USFWS	United States Fish and Wildlife Service

VAFB	Vandenberg Air Force Base
VC	Visitors Center Complex
VITS	Video Teleconferencing System
VPP	Voluntary Protection Program
WBS	Work Breakdown Structure

ATTACHMENT J-12
GOVERNMENT FURNISHED SERVICES TO NASA AND KSC CONTRACTORS AND TENANTS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

Government Furnished Services (GFS) to NASA and KSC Contractors and Tenants

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Network Cable Office Machines**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
Support Services	- Utilities (Water, Sewage, Natural Gas, Electricity)	X															
	- Office Space/Work Area Space	X															
	- Basic Furniture out of KSC Surplus Furniture Inventory *	X															
	- Space Planning	X															
	- Office Moves and Alterations (NASA-Directed)		X														
	- Food Services (during normal operation hours)										X						
	- Locksmith services					X											
	- Real Property Management	X															
	- Operations, Maintenance, and Engineering of Facilities, Systems and Equipment		X														
	- Grounds and Landscape Maintenance														X		
	- Pest Control and Extermination (interior/exterior)														X		
	- Refuse Collection															X	
	- Custodial Services											X					

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Network Cable Office Machines**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
	- Fire Protection Program and Emergency Services					X											
	- Fire Inspection and Prevention					X											
	- Security Services (including law enforcement, investigations, badging and identification, and personnel security)					X											
	- Medical Clinic Services (including Certification Physicals, First Aid, Emergency Services)				X												
	- Industrial Hygiene Consultation				X												
	- Public Health Services				X												
	- Hazardous and Controlled Waste Disposal				X												
	- Health Physics (Radiation Protection) Consultation				X												
	- Material Safety Data Sheet (MSDS) Repository				X												
	- Environmental Sampling and Analysis				X												
	- Shuttle Bus Service																X
	- Mail Service								X								

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts												AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Machines Office Network Cable**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
	- Library (including serial and publication subscriptions)			X													
	- Printing and Reproduction			X													
	- Graphics (NASA-Directed)			X													
	- Forms Support (electronic and hardcopy)			X													
	- Area Paging System (including weather warnings)			X													
	- Timing and Countdown			X													
	- KSC Reference Standards		X														
	- SPECSINTACT		X														
*** The Government will provide existing furniture. All new furniture needs will be provided by the contractor.**																	
Technical Training	- Safety, health, skills, and operational area access training and certification									X							
Job-Specific Medical Training	- CPR/First Aid, bloodborne pathogen training				X												
Networks	- Access to the institutional computer networks, including the internet			X													
Telephones	- Includes instruments, voicemail, and long distance service			X													

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Network Cable Office Machines**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
IT Security	- Vulnerability scanning and preliminary assessment for contractor security plans			X													
Secure Remote Access	- Provide secure remote (home or travel) access to computer resources at the Center by Virtual Private Network (VPN) or modem (dial-in).			X													
Administrative Desktop Support (ODIN)	- Administrative desktop computers, printers, peripherals, file services, cell phones, hand held devices, e-mail, and account services						X										
Software Development and Hosting	- Hosting of applications, databases, files and web sites, including writing and modifying applications (Standard or Web)			X													
Maximo Asset and Service Management System	- Software Version 6.2. Used to schedule/manage work, manage Government-owned assets , and document maintenance on assets			X													

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Machines Office Network Cable**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
Engineering Documentation Center	- Repository for drawings, records, microimaging, and specifications.			X													
Geographic Information System (GIS)	- Database of COTS software packages linking topographic, demographic, utility, facility, image and other resource data that is geographically referenced data for KSC.			X													
Surveillance Television	- Closed video transmission (TV or Web) used to monitor launch vehicle, payloads operations, and facility security.			X													
Cable TV Service (BDCS)	- In facilities with existing capabilities. Does not include the TV.			X													
Photography	- Administrative photography, including passport, newsletter, and special events.			X													

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Machines Office Network Cable**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
Graphic Services	- Graphics used in illustrations and documents, including photo-retouching and editing of photos, web graphics and interactive media, posters, charts, badges, certificates, labels, dry mounting, laminating, framing, scanning.			X													
Imaging Services	- KSC/Shuttle Photo Support			X													
	- Photo Optical Control Systems (POCS)			X													
	- Visual Imaging			X													
	- Kennedy Integrated Imagery System			X													
	- Commercial ELV Photo Support			X													
	- DOD Technical Multi-Media Support			X													
	- KSC/NASA Digital Photo Services Support			X													
	- Provide document conversion			X													
	- Provide CD-ROM mastering and duplicating			X													

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Machines Office Network Cable**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
Audio/Visual and Presentation Support	- Operate Mission Briefing Room, OSB II 5th Floor Conference Room, and KSC Auditorium. Loaner equipment for viewgraph, motion picture, slide projector, and VCRs.			X													
Voice and Video Conferencing	- Operate VITS rooms and portable VITS equipment. Access to local and toll free teleconferences.			X													
Public Address Service	- Provide audio at events in various locations, including KARS I and KARS II.			X													
Pager Service	- Provide devices, distribute, and train users.			X													
Radio Services	- Provides devices, distribute and train users.			X													
Operational Intercommunications System (OIS)	- Provide OIS in facilities with existing capabilities.			X													
Printing and Reproduction	- Printing and duplication of color and black and white documents.			X													
Office Multi-Function Devices	-Provide copy, print, scanning, and faxing. Includes toner only.							X									
Logistics	- Warehousing		X														

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Network Cable Office Machines**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
	Services																
	- Shipping and Receiving Services		X														
	- Material Management		X														
	- Property Management		X														
	- Transportation Services		X														
Laboratory Services	- Non-Destructive Evaluation		X														
	- Standards and Calibration		X														
	- Sampling and Analysis		X														
	- Component Cleaning and Refurbishment		X														
	- Biomedical Laboratory (NASA)	X															
	- Material Science Laboratory (NASA)	X															
	- Instrumentation and Controls (NASA)	X															
	- Malfunction Laboratory (NASA)	X															
Specialized Vehicle and Heavy Equipment	- Maintain heavy equipment and other unique vehicles		X														

This listing represents Government Provided Services provided for the MESC. The services listed have limitations on volume or quantity of service.			NASA Contracts											AF Contracts			
Service	**Description**	**NASA**	**ISC**	**IMCS**	**MESC**	**NPS**	**ODIN**	**Network Cable Office Machines**	**Mail**	**Training**	**Lackmann Svcs**	**Custodial**	**CAPPS**	**AF**	**Grounds**	**Refuse**	**Vehicle Ops**
Support																	
Propellant and Life Support Services	- Life Support Services (Supplied-air respiriators, medical recusitators)		X														
Consumables	- Pneumatics, Fluids, Gases		X														
AF Weather Support	- Weather forecasting and real-time support													X			

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:

b. LEVEL OF SAFEGUARDING REQUIRED:

2. THIS SPECIFICATION IS FOR: *(X and complete as applicable)*			3. THIS SPECIFICATION IS: *(X and complete as applicable)*			
	a. PRIME CONTRACT NUMBER			a. ORIGINAL *(Complete date in all cases)*		Date *(YYMMDD)*
	b. SUBCONTRACT NUMBER			b. REVISED *(Supersedes all previous specs)*	Revision No.	Date *(YYMMDD)*
	c. SOLICITATION OR OTHER NUMBER	DUE DATE *(YYMMDD)*		c. FINAL *(Complete item 5 in all cases)*		Date *(YYMMDD)*

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 contractors request dated _____, retention of the identified classified material is authorized for a period of: _____

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

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

7. SUBCONTRACTOR

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

8. ACTUAL PERFORMANCE

a. LOCATION	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE *(Name, Address, and Zip Code)*

9. GENERAL IDENTIFICATION OF THIS PROCUREMENT

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

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)*

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.)*

14. ADDITIONAL SECURITY. Requirements, in addition to NISPOM requirements, are established for this contract. *(If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is required.)* ☐ YES ☐ NO

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

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

a. TYPED NAME OF CERTIFYING OFFICIAL	b. TITLE	c. TELEPHONE *(Include Area Code)*

d. ADDRESS *(Include Zip Code)*

e. SIGNATURE

17. REQUIRED DISTRIBUTION

☐ a. CONTRACTOR
☐ b. SUBCONTRACTOR
☐ c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR
☐ d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION
☐ e. ADMINISTRATIVE CONTRACTING OFFICER
☐ f. OTHERS AS NECESSARY

Government Furnished Property - Replaced as Contractor Property -Year 1

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $6000												
6100	KS-49635	1209	2026578	NASA	DISPLAY UNIT, COLOR 17"	7025	GATEWAY COMPANIES INC	2000	NU17026D96367	EV700B	E1400	$500
6220	KS-49635	1222	2026603	NASA	DISPLAY UNIT, COLOR 17"	7025	GATEWAY COMPANIES INC	2000	NU17026D93755	EV700B	E1420	$500
6220	KS-49635	1270	2025727	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76169	EV700B	E1420	$500
6210	KS-L71557	101	2025671	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C72764	EV700B	E1410	$500
6210	KS-L71557	105	2025636	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76179	EV700B	E1410	$500
6230	KS-L71557	2	2025701	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76161	EV700B	E1430	$500
6230	KS-L71557	16	2025697	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76165	EV700B	E1430	$500
6230	KS-L71557	16	2026481	NASA	DISPLAY UNIT, COLOR 17"	7025	GATEWAY COMPANIES INC	2000	NU17026D93765	EV700B	E1430	$500
6230	KS-L71557	12A	2026520	NASA	DISPLAY UNIT, COLOR 17"	7025	GATEWAY COMPANIES INC	2000	NU17026D93703	EV700B	E1430	$500
6100	KS-M6342	243	2025633	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76182	EV700B	E1400	$500
6100	KS-M6342	243	2025735	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73216	EV700B	E1400	$500
6100	KS-M6495	104	2025656	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73427	EV700B	E1400	$500
6100	KS-M6495	104	2025761	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76197	EV700B	E1400	$500
6100	KS-M6495	124	2026499	NASA	DISPLAY UNIT, COLOR 17"	7025	GATEWAY COMPANIES INC	2000	NU17026D93652	EV700B	E1400	$500
6100	KS-M6495	202	2025757	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73039	EV700B	E1400	$500
6100	KS-M6495	307	2025691	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C63377	EV700B	E1400	$500
6100	KS-M6495	307	2025729	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73183	EV700B	E1400	$500
6100	KS-M6495	307	2025664	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C63417	EV700B	E1400	$500
6100	KS-M6495	502	2025634	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76178	EV700B	E1400	$500
6100	KS-M6495	503	2025631	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76177	EV700B	E1400	$500
6100	KS-M6495	508	2025752	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73029	EV700B	E1400	$500
6100	KS-M6495	510	2025734	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73218	EV700B	E1400	$500

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	512	2025755	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73032	EV700B	E1400	$500
6100	KS-M6495	702	2025754	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73030	EV700B	E1400	$500
6100	KS-M6495	706	2025753	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73031	EV700B	E1400	$500
6100	KS-M6495	803	2025659	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73428	EV700B	E1400	$500
6100	KS-M6495	900	2025663	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C54803	EV700B	E1400	$500
6100	KS-M6495	900	2025693	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C61887	EV700B	E1400	$500
6100	KS-M6495	911	2025657	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73432	EV700B	E1400	$500
6100	KS-M6495	917	2025750	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73213	EV700B	E1400	$500
6100	KS-M6495	923	2025694	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76166	EV700B	E1400	$500
6100	KS-M6495	925	2026583	NASA	DISPLAY UNIT, COLOR 17"	7025	GATEWAY COMPANIES INC	2000	NU17026D93635	EV700B	E1400	$500
6100	KS-M6495	900A	2025661	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73429	EV700B	E1400	$500
6100	KS-M6495	900G	2025641	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76188	EV700B	E1400	$500
6100	KS-M6495	900J	2025695	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C76164	EV700B	E1400	$500
6100	KS-M6495	918B	2025737	NASA	DISPLAY UNIT, COLOR, 17"	7025	GATEWAY COMPANIES INC	2001	MU17026C73212	EV700B	E1400	$500
6200	KS-L71557	14	1506532	NASA	PRINTER, LASERJET	7025	MIE INC	1996	USCB646077	C3941A	E1425	$519
6210	KS-L71557D	101	2030283	NASA	SENSOR	6685	MSI ELECTRONICS INC	2002	KRRF0615	6408147	E1410	$556
6100	KS-M6495	817	2027925	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2001	CNDL030521	1200N	E1400	$561
6250	KS-73020	103	2024382	NASA	PRINTER, LASER	7025	HEWLETT-PACKARD CO	2000	USGV095338	2100M	E1450	$745
6230	KS-L71557	13	2024371	NASA	PRINTER, LASER	7025	HEWLETT-PACKARD CO	2000	USGV095342	2100M	E1430	$745
6200	KS-L71557	12B	2025966	NASA	PRINTER, LASERJET 2200D	7025	HEWLETT-PACKARD CO	2002	JPDGF37494	C7058A	E1425	$750
6210	KS-L71557	105	2025834	NASA	PRINTER, LASERJET 2200D	7025	HEWLETT-PACKARD CO	2001	JPBGB28971	C7058A	E1410	$760
6250	KS-TR1622		1506156	NASA	DISPLAY UNIT, COLOR	7025	SONY CORP	1996	7293534	CPD17F23	E1450	$780
6230	KS-L71557	12D	2028127	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2005	0035902816	E2300	E1430	$786
6100	KS-M6495	202	2028128	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2005	0035902802	E2300	E1400	$786
6210	KS-L71557	1100	2191430		SCANNER, SCANJET	7025	HEWLETT-PACKARD CO	2006	CN65AA0464	L1975A	E1410	$800.00

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6230	KS-L71557	16	2191429		SCANNER, SCANJET	7025	HEWLETT-PACKARD CO	2006	CN65AA0443	L1975A	E1430	$800.00
6200	KS-L71557	14	3059064	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2005	CNGKB65737	Q5959A	E1425	$815
6210	KS-L71557	11A	3059066	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2005	CNGKB65782	Q5959A	E1410	$815
6230	KS-L71557	1	3059059	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2005	CNGKB65616	Q5959A	E1430	$815
6250	KS-M6399	1323F	2091888	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	B4PXT01	DHS	E1450	$858
6100	KS-M6495	508	2091594	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	9HKRR01	DHM	E1400	$858
6100	KS-M6495	706	2091320	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	5MJRR01	DHM	E1400	$858
6100	KS-M6495	900J	2091532	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	4KNQQ01	DHM	E1400	$858
6250	KS-K7164	1	2020161	NASA	SCALE, SARTORIUS	6670	SARTORIUS-WERKE AG	1999	11307588	EB35EDE1	E1450	$894
6100	KS-M6495	307	2025917	NASA	PRINTER, ADP	7025	HEWLETT-PACKARD CO	2001	USBGC00869	C7059A	E1400	$912
6100	KS-M6495	702	2125629	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2002	4WW5221	DHM	E1400	$916
6210	KS-L71557	1100	3058947	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2004	JPBGG44601	Q247SA	E1410	$929
6230	KS-L71557	2	2161203	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2003	0030265832	MFATXPNT ESXE4000	E1430	$952
6220	KS-49635	1222	2122624	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	8Z50111	DHM	E1420	$957
6100	KS-M6495	900A	2121965	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	7H6H011	DHM	E1400	$961
6210	KS-L71557	11	3020006	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2004	0033840152	ATXAEG WSP E6100	E1410	$974
6210	KS-L71557D	101	0013152	NASA	DOSIMETER, NOISE	6665	MIE INC	1988	GW8020046	M27M28	E1410	$1,024
6210	KS-L71557D	101	0013155	NASA	DOSIMETER, NOISE	6665	MIE INC	1988	GW8020049	M27M28	E1410	$1,024
6210	KS-L71557D	101	0013151	NASA	DOSIMETER, NOISE	6665	MIE INC	1988	GW8020045	M27M28	E1410	$1,024
6210	KS-L71557D	101	0013153	NASA	DOSIMETER, NOISE	6665	MIE INC	1988	GW8020047	M27M28	E1410	$1,024
6210	KS-L71557D	101	0013154	NASA	DOSIMETER, NOISE	6665	MIE INC	1988	GW8020048	M27M28	E1410	$1,024
6100	KS-M6495	703	1661612	NASA	CENTRIFUGE	6640	EDWARDS MEDICAL SUPPLY INC	2006	0602050	V24T	E1400	$1,036
6100	KS-M6495	1216	1661611	NASA	CENTRIFUGE	6640	EDWARDS MEDICAL SUPPLY INC	2006	0602046	V24T	E1400	$1,036
6100	KS-M6495	920	1025504	NASA	SIMULATOR, PATIENT, ARRHYTHMIA	6910	ARMSTRONG INDUSTRIES INC	1990	2493A	D2000	E1400	$1,045
6220	KS-49635	1236	2161096	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2003	0029636588	MFATXPNT ESXE4000	E1420	$1,046
6220	KS-49635	1240	2161088	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2003	0029636622	MFATXPNT ESXE4000	E1420	$1,046

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6230	KS-L71557	16	2161072	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2003	0029636621	MFATXPNT ESXE4000	E1430	$1,046
6230	KS-L71557	16	2161087	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2003	0029636629	MFATXPNT ESXE4000	E1430	$1,046
6210	KS-L71557D	101	1041731	NASA	FURNACE, MUFFLE	6630	MIE INC	1991	AKH9135111	NEY252S11	E1410	$1,049
6210	KS-L71557D	101	3064002	NASA	FLOWMETER	6685	BIOS INTERNATIONAL CORP	2006	109020	DCL-M	E1410	$1,049
6210	KS-L71557D	101	3059120	NASA	FLOWMETER	6685	BIOS INTERNATIONAL CORP	2004	103364	DCL-L	E1410	$1,050
6100	KS-K61145	1211	1141709	NASA	CHAIR, ENT	6530	UNITED METAL FABRICATORS INC	1993	NONE	UMF2846	E1400	$1,054
6100	KS-M6495	505	1041925	NASA	CHAIR, ENT	6530	UNITED METAL FABRICATORS INC	1991	NONE	UMF2846	E1400	$1,054
6210	KS-L71557	6	1661616	NASA	METER, SOUND LEVEL	6685	QUEST TECHNOLOGIES	2006	K0F060008	2200	E1410	$1,055
6210	KS-L71557	6	1661617	NASA	METER, SOUND LEVEL	6685	QUEST TECHNOLOGIES	2006	K0F060009	2200	E1410	$1,055
6220	KS-49635	1264	2026631	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0023429212	ATXSTF	E1420	$1,062
6100	KS-M6495	900	2026404	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0023429229	ATXSTF	E1400	$1,062
6250	KS-K7115	1	1133819	NASA	GENERATOR, PORTABLE	6115	HONDA MOTOR CO LTD	1992	EZCR1007116	EG2500	E1450	$1,069
6230	KS-L71557	12C	2025830	NASA	PRINTER, ADP, LASERJET	7025	HEWLETT-PACKARD CO	2001	USGNJ16867	C8049A	E1430	$1,070
6100	KS-M6495	815	1870882	NASA	PRINTER, ADP	7025	HEWLETT-PACKARD CO	1997	USEL000970	C4118A	E1400	$1,070
6250	KS-M6399	1323F	2027908	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2001	JPDGD42248	2200DN	E1450	$1,071
6230	KS-L71557	13	1645909	NASA	METER, PH	6625	YSI SCIENTIFIC	2000	00J1154	63	E1430	$1,078
6100	KS-M6495	504	1041922	NASA	TABLE, EXAMINING	6530	UNITED METAL FABRICATORS INC	1991	NONE	5370	E1400	$1,093
6100	KS-M6495	506	3059374	NASA	TABLE, EXAMINING	6530	UNITED METAL FABRICATORS INC	1991	NONE	5370	E1400	$1,093
6100	KS-M6495	510	1041921	NASA	TABLE, EXAMINING	6530	UNITED METAL FABRICATORS INC	1991	NONE	5370	E1400	$1,093
6100	KS-M6495	512	1041919	NASA	TABLE, EXAMINING	6530	UNITED METAL FABRICATORS INC	1991	NONE	5370	E1400	$1,093
6220	KS-49635	1264	0814279	NASA	PROBE	6625	MIE INC	1994	246	SPA9	E1420	$1,095
6220	KS-49635	1264	0813262	NASA	METER, RADIATION, SURVEY, VDT	6665	MIE INC	1991	76489	HI3603	E1420	$1,095
6220	KS-49635	1264	0812826	NASA	METER, RADIATION, SURVEY, FIEL	6665	MIE INC	1990	75216	HI3600	E1420	$1,095
6100	KS-M6495B	101	0614297	NASA	HUMAN SIMULATOR	6515	LAERDAL ASMUND S	1984	1094161	NPN	E1400	$1,095
6100	KS-K61145	1201	2022759	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2000	0018945766	LP MINI TOWER	E1400	$1,100
6200	KS-L71557	13A	2022761	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2000	0018945793	LP MINI TOWER	E1425	$1,100

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6230	KS-L71557	13	0814272	NASA	PROBE, INTERFACE	6630	MIE INC	1994	1495	KIR89	E1430	$1,100
6100	KS-M6495	503	2022754	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2000	0018945731	LP MINI TOWER	E1400	$1,100
6210	KS-L71557D	101	0813147	NASA	DOSIMETER, NOISE LOGGING	6665	MIE INC	1991	GW1060015	M24M28	E1410	$1,109
6210	KS-L71557D	101	0813148	NASA	DOSIMETER, NOISE LOGGING	6665	MIE INC	1991	GW1060016	M24M28	E1410	$1,109
6210	KS-L71557D	101	0813149	NASA	DOSIMETER, NOISE LOGGING	6665	MIE INC	1991	GW1060017	M24M28	E1410	$1,109
6210	KS-L71557D	101	0813150	NASA	DOSIMETER, NOISE LOGGING	6665	MIE INC	1991	GW1060018	M24M28	E1410	$1,109
6210	KS-L71557D	101	0813152	NASA	CALIBRATOR, SOUND	6665	MIE INC	1991	U1050082	CA12B	E1410	$1,109
6210	KS-L71557D	101	0813151	NASA	DOSIMETER, NOISE LOGGING	6665	MIE INC	1991	GW1060019	M24M28	E1410	$1,109
6210	KS-M6342	165E	1506287	NASA	CALIBRATOR, SOUND	6625	MIE INC	1996	QE7010103	QC10	E1410	$1,110
6220	KS-49635	1248	2025594	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0022350816	ATXSTF	E1420	$1,125
6220	KS-49635	1256	2025610	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0022350772	ATXSTF	E1420	$1,125
6210	KS-L71557D	101	2025579	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0022350784	ATXSTF	E1410	$1,125
6210	KS-L71557D	101	2025588	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0022350775	ATXSTF	E1410	$1,125
6230	KS-L71557	13	2026653	NASA	METER, PH	6625	YSI SCIENTIFIC	2001	01G0782AG	63	E1430	$1,138
6230	KS-L71557	16	2026654	NASA	METER, PH	6625	YSI SCIENTIFIC	2001	01G0782AF	63	E1430	$1,138
6220	KS-49635	1219	1506210	NASA	GENERATOR, PULSE	6625	MIE INC	1996	130360	500	E1420	$1,150
6210	KS-L71557D	101	1134674	NASA	FURNACE, MUFFLE	6630	MIE INC	1993	AKH93129132	2-525S11	E1410	$1,150
6210	KS-L71557D	101	1634799	NASA	MONITOR, HEAT STRESS	6685	QUEST ELECTRONICS	2000	JU0010012	QUESTEMP II	E1410	$1,158
6220	KS-49635	1264	0167635	NASA	PROBE, RF ISOTROPIC	6665	MIE INC	1986	04096	8652	E1420	$1,164
6210	KS-M6342	126	2026721	NASA	DETECTOR, MULTIGAS	6625	ENMET CORP	2002	152143	TARGET	E1410	$1,171
6230	KS-L71557	13	1645722	NASA	DETECTOR, GAS	6665	RAE SYSTEMS	2003	270410733	PGM50Q	E1430	$1,175
6230	KS-L71557	13	1660983	NASA	METER	6625	LAB SAFETY SUPPLY CO DIV OF	2002	2627	NONE	E1430	$1,180
6100	KS-M6495		2191425		TABLE, EXAMINING	6530	UNITED METAL FABRICATORS INC	2006	82495	5103	E1400	$1,190.00
6220	KS-49635	1264	1026856	NASA	ANALYZER, PORTABLE	6625	MIE INC	1990	01087	ESP2	E1420	$1,192
6220	KS-49635	1264	1026857	NASA	ANALYZER, PORTABLE	6625	MIE INC	1990	01086	ESP2	E1420	$1,192
6220	KS-49635	1264	1144322	NASA	DETECTOR, GAMMA LOW ENERGY	6625	MIE INC	1994	NONE	PG2	E1420	$1,195
6220	KS-49635	1264	0813258	NASA	METER, RADIATION, SURVEY, ELF	6665	MIE INC	1991	76656	HI3604	E1420	$1,195
6200	KS-49635	1264	0617097	NASA	CABINET	6530	ENTRON INC WINSLOW TELE-TRONIC	1983	8112964	SWSR27S	E1425	$1,198
6210	KS-L71557D	101	1042272	NASA	PURIFIER UNIT, ASBESTOS	4460	MIE INC	1991	1125389	MACHEPA HOOD	E1410	$1,200
6210	KS-L71557D	LAB	1042271	NASA	PURIFIER UNIT, ASBESTOS	4460	MIE INC	1991	5330591	MACHEPA HOOD	E1410	$1,200

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	703	1041294	NASA	CENTRIFUGE, TABLE TOP	6640	BAXTER HEALHCARE CORP BAXTER	1991	174796	2502	E1400	$1,210
6100	KS-M6495	803	0614710	NASA	TABLE	6530	RITTER-TYCOS CASTLE OF SYBRON	1983	84F75X2500	F	E1400	$1,211
6100	KS-M6495	815A	0617017	NASA	TABLE	6530	RITTER-TYCOS CASTLE OF SYBRON	1983	84F75X2455	F	E1400	$1,211
6230	KS-L71557	13A	2026730	NASA	METER, PH	6625	YSI SCIENTIFIC	2002	02D1000AB	63-10	E1430	$1,220
6230	KS-L71557	SHED	1133807	NASA	RECORDER, WATER LEVEL	6680	MIE INC	1992	142033-92B	68	E1430	$1,220
6230	KS-L71557	SHED	1133808	NASA	RECORDER, WATER LEVEL	6680	MIE INC	1992	14203392B	68	E1430	$1,220
6230	KS-L71557	SHED	1133805	NASA	RECORDER, WATER LEVEL	6680	MIE INC	1992	142038-92B	68	E1430	$1,220
6230	KS-L71557	13	2026718	NASA	METER, PH	6625	YSI SCIENTIFIC	2002	01K0601AD	63	E1430	$1,224
6230	KS-L71557	13	2026691	NASA	METER, PH	6625	YSI SCIENTIFIC	2001	0AH0818	63	E1430	$1,224
6230	KS-L71557	13A	2026719	NASA	METER, PH	6625	YSI SCIENTIFIC	2002	01H0818AH	63	E1430	$1,224
6220	KS-49635	1264	1133940	NASA	ANALYZER, PORTABLE	6625	MIE INC	1992	01505	ESP2	E1420	$1,229
6220	KS-49635	1264	1133854	NASA	ANALYZER, PORTABLE	6625	MIE INC	1992	01582	ESP2	E1420	$1,229
6100	KS-M6495	816	0877054	NASA	CHARGER, BATTERY	6130	MEDTRONIC PHYSIO-CONTROL CORP	1988	00011113	801807-12	E1400	$1,232
6100	KS-M6495	816	0877056	NASA	CHARGER, BATTERY	6130	MEDTRONIC PHYSIO-CONTROL CORP	1988	00011116	801807-12	E1400	$1,232
6100	KS-M6495	816	1041877	NASA	CHARGER, BATTERY, TESTER	6625	MEDTRONIC PHYSIO-CONTROL CORP	1991	00020086	80180721	E1400	$1,232
6100	KS-M6495	816	1026523	NASA	CHARGER, BATTERY, LIFEPAK5	6625	MEDTRONIC PHYSIO-CONTROL CORP	1991	00019499	801807-21	E1400	$1,232
6100	KS-M6495	816	1026524	NASA	CHARGER, BATTERY, LIFEPAK5	6625	MEDTRONIC PHYSIO-CONTROL CORP	1991	00019498	801807-21	E1400	$1,232
6100	KS-M6495	918C	1041715	NASA	CHARGER, BATTERY, LIFEPAK5	6130	MEDTRONIC PHYSIO-CONTROL CORP	1991	00020085	801807-21	E1400	$1,232
6100	KS-M6495	918C	0877055	NASA	CHARGER, BATTERY	6130	MEDTRONIC PHYSIO-CONTROL CORP	1988	00011102	801807-12	E1400	$1,232
6210	KS-L71557D	101	1642564	NASA	METER, MULTI GAS	6685	IND METROLOGY	1997	9704071036	LTX310	E1410	$1,233
6210	KS-L71557D	101	1642563	NASA	METER, MULTI GAS	6685	IND METROLOGY	1997	9703006295	LTX310	E1410	$1,233
6210	KS-L71557D	101	1634764	NASA	METER, MULTI-GAS	6685	IND METROLOGY	1995	9703006231	LTX310	E1410	$1,233
6210	KS-L71557D	101	1634765	NASA	METER, MULTI-GAS	6685	IND METROLOGY	1995	9607008247	LTX310	E1410	$1,233
6210	KS-L71557D	101	1642742	NASA	METER, MULTI-GAS	6685	IND METROLOGY	1995	9703006205	LTX310	E1410	$1,233
6210	KS-L71557D	101	1634766	NASA	METER, MULTI-GAS	6685	IND METROLOGY	1995	9704071026	LTX310	E1410	$1,233
6210	KS-M6342	126	2191316	NASA	METER, MULTI GAS	6685	IND METROLOGY	1997	9703006227	LTX310	E1410	$1,233
6210	KS-M6342	126	1634760	NASA	METER, MULTI-GAS	6685	IND METROLOGY	1995	9507021221	LTX310	E1410	$1,233
6220	KS-49635	1264	0167760	NASA	METER, DIGITAL, KVP	6640	MIE INC	1987	C421	07473	E1420	$1,250
6230	KS-L71557	13A	3059382	NASA	METER, MPS	6630	YELLOW SPRINGS INSTRUMENT CO	2005	05F1981AT	556	E1430	$1,250
6230	KS-L71557	13A	3059383	NASA	METER, MPS	6630	YELLOW SPRINGS INSTRUMENT CO	2005	05F1981AS	556	E1430	$1,250
6210	KS-L71557D	101	1041391	NASA	MONITOR, NEGATIVE PRESSURE	6665	MIE INC	1991	130724	OMNIGUARD	E1410	$1,250

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6210	KS-L71557D	101	1041392	NASA	MONITOR, NEGATIVE PRESSURE	6665	MIE INC	1991	130761	OMNIGUARD	E1410	$1,250
6250	KS-M6399	1323D	1868510	NASA	DISPLAY UNIT, COLOR	7025	GATEWAY COMPANIES INC	1997	8042904	CPDGF250T	E1450	$1,250
6210	KS-L71557	11	2019568	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2004	0032903984	MFATXPNTMDPE4100	E1410	$1,251
6100	KS-M6495	215	0614699	NASA	DEIONIZER	6630	MILLIPORE CORP	1983	CA80520	Q	E1400	$1,261
6220	KS-49635	1264	1144320	NASA	ANALYZER, PORTABLE	6625	MIE INC	1994	01940	ESP2	E1420	$1,275
6220	KS-49635	1264	1144321	NASA	ANALYZER, PORTABLE	6625	MIE INC	1994	01940	ESP2	E1420	$1,275
6220	KS-49635	1264	1025150	NASA	ANALYZER, PORTABLE	6625	MIE INC	1990	00972	ESP2	E1420	$1,275
6220	KS-49635	1264	0617298	NASA	MONITOR	6665	MIE INC	1983	1037	RM19	E1420	$1,281
6210	KS-L71557D	101	0620326	NASA	MONITOR, HEAT STRESS	6665	MIE INC	1985	21701-016	RSS217	E1410	$1,295
6210	KS-M6342	136	0620325	NASA	MONITOR, HEAT STRESS	6665	MIE INC	1985	21701-004	RSS217	E1410	$1,295
6100	KS-M6495	307	1982626	NASA	DISPLAY UNIT, COLOR	7025	COMPAQ COMPUTER CORP	1999	851AH11IE860	MV400	E1400	$1,300
6220	KS-49635	1219	0617337	NASA	MONITOR-RCDR	6695	MIE INC	1983	175	ALPHA3	E1420	$1,303
6220	KS-49635	1264	1661476	NASA	PROBE, RF ISOTROPIC	6665	MIE INC	1986	07085	8662B	E1420	$1,310
6230	KS-L71557	13	1634777	NASA	METER, PH	6625	YSI SCIENTIFIC	2000	00B0063AB	63	E1430	$1,326
6230	KS-L71557	16E	1634776	NASA	METER, PH	6625	YSI SCIENTIFIC	2000	00B0063AC	63	E1430	$1,326
6220	KS-49635	1264	1026854	NASA	ANALYZER, PORTABLE	6625	MIE INC	1990	01084	ESP2	E1420	$1,328
6220	KS-49635	1264	1026855	NASA	ANALYZER, PORTABLE	6625	MIE INC	1990	01085	ESP2	E1420	$1,328
6210	KS-L71557D	101	1041994	NASA	MICROSCOPE, STEREOSCOPE	6650	MIE INC	1991	1E0134	SZ4045	E1410	$1,335
6210	KS-L71557D	101	1141619	NASA	PRINTER, ADP, LASERJET	7025	HEWLETT-PACKARD CO	1993	USTB046544	C2001A	E1410	$1,336
6250	KS-TR1622		1141517	NASA	PRINTER, ADP, LASERJET	7025	HEWLETT-PACKARD CO	1993	USTC035009	C2001A	E1450	$1,336
6230	KS-L71557	12A	1144159	NASA	PRINTER, ADP, LASERJET	7025	MIE INC	1994	USFC132259	C2037A	E1430	$1,362
6210	KS-L71557D	101	0818283	NASA	DOSIMETER, NOISE	6625	MIE INC	1996	GW6110009	M27	E1410	$1,366
6210	KS-L71557D	101	0818284	NASA	DOSIMETER, NOISE	6625	MIE INC	1996	GW6110013	M27	E1410	$1,366
6210	KS-L71557D	101	0818285	NASA	DOSIMETER, NOISE	6625	MIE INC	1996	GW6110014	M27	E1410	$1,366
6210	KS-L71557D	101	0818286	NASA	DOSIMETER, NOISE	6625	MIE INC	1996	GW6110017	M27	E1410	$1,366
6210	KS-L71557D	101	0818287	NASA	DOSIMETER, NOISE	6625	MIE INC	1996	GW6110018	M27	E1410	$1,366
6250	KS-73020	103	2029687	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893616	ATXSTF	E1450	$1,367
6200	KS-L71557	4	2029648	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900951	ATXSTF	E1425	$1,367
6200	KS-L71557	6	2029672	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900962	ATXSTF	E1425	$1,367
6200	KS-L71557	8	2029644	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901015	ATXSTF	E1425	$1,367
6200	KS-L71557	14	2029637	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900987	ATXSTF	E1425	$1,367
6200	KS-L71557	14E	2029368	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900989	ATXSTF	E1425	$1,367
6210	KS-L71557	11	2029646	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900999	ATXSTF	E1410	$1,367

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6210	KS-L71557	11	2029640	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901021	ATXSTF	E1410	$1,367
6210	KS-L71557	1100	2029641	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900984	ATXSTF	E1410	$1,367
6210	KS-L71557	1100	2029642	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900945	ATXSTF	E1410	$1,367
6230	KS-L71557	1	2029574	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900996	ATXSTF	E1430	$1,367
6230	KS-L71557	1	2029638	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901011	ATXSTF	E1430	$1,367
6230	KS-L71557	12	2029639	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901010	ATXSTF	E1430	$1,367
6230	KS-L71557	13	2029645	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900992	ATXSTF	E1430	$1,367
6230	KS-L71557	15	2029565	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901032	ATXSTF	E1430	$1,367
6230	KS-L71557	12A	2029647	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901000	ATXSTF	E1430	$1,367
6230	KS-L71557	12C	2029569	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901006	ATXSTF	E1430	$1,367
6230	KS-L71557	16A	2029576	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893720	ATXSTF	E1430	$1,367
6210	KS-L71557D	101	2029670	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900980	ATXSTF	E1410	$1,367
6210	KS-L71557D	1100	2029643	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901008	ATXSTF	E1410	$1,367
6250	KS-M6399	1323A	2029510	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026897297	ATXSTF	E1450	$1,367
6250	KS-M6399	1323B	2029508	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900907	ATXSTF	E1450	$1,367
6250	KS-M6399	1323C	2029512	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026897245	ATXSTF	E1450	$1,367
6250	KS-M6399	1323D	2029584	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893654	ATXSTF	E1450	$1,367
6250	KS-M6399	1323E	2029580	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893680	ATXSTF	E1450	$1,367
6250	KS-M6399	1323G	2029515	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026897243	ATXSTF	E1450	$1,367
6100	KS-M6411	100C	2029587	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893677	ATXSTF	E1400	$1,367
6100	KS-M6495	102	2029558	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901035	ATXSTF	E1400	$1,367
6100	KS-M6495	104	2029555	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901020	ATXSTF	E1400	$1,367
6100	KS-M6495	104	2029559	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901036	ATXSTF	E1400	$1,367
6100	KS-M6495	124	2029542	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026897305	ATXSTF	E1400	$1,367

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	307	2029472	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893671	ATXSTF	E1400	$1,367
6100	KS-M6495	307	2029491	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900928	ATXSTF	E1400	$1,367
6100	KS-M6495	307	2029492	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900925	ATXSTF	E1400	$1,367
6100	KS-M6495	403	2029484	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893655	ATXSTF	E1400	$1,367
6100	KS-M6495	502	2029487	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893653	ATXSTF	E1400	$1,367
6100	KS-M6495	503	2029486	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893644	ATXSTF	E1400	$1,367
6100	KS-M6495	703	2029481	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893652	ATXSTF	E1400	$1,367
6100	KS-M6495	706	2029478	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893688	ATXSTF	E1400	$1,367
6100	KS-M6495	803	2029475	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893633	ATXSTF	E1400	$1,367
6100	KS-M6495	900	2029470	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893601	ATXSTF	E1400	$1,367
6100	KS-M6495	900	2029479	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893639	ATXSTF	E1400	$1,367
6100	KS-M6495	900	2029480	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893650	ATXSTF	E1400	$1,367
6100	KS-M6495	900	2029485	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893661	ATXSTF	E1400	$1,367
6100	KS-M6495	911	2029477	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893670	ATXSTF	E1400	$1,367
6100	KS-M6495	917	2029473	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893608	ATXSTF	E1400	$1,367
6100	KS-M6495	923	2029476	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893690	ATXSTF	E1400	$1,367
6100	KS-M6495	900J	2029557	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901043	ATXSTF	E1400	$1,367
6100	KS-M6495	910A	2029474	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893685	ATXSTF	E1400	$1,367
6100	KS-M6495	910B	2029482	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893634	ATXSTF	E1400	$1,367
6100	KS-M6495	918A	2029471	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893663	ATXSTF	E1400	$1,367
6100	KS-M6495	918B	2029469	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893589	ATXSTF	E1400	$1,367
6250	KS-TR1622		2029483	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893660	ATXSTF	E1450	$1,367
6250	KS-TR1622		2029489	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026893631	ATXSTF	E1450	$1,367
6250	KS-TR1622		2029500	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026900899	ATXSTF	E1450	$1,367

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6250	KS-TR1622		2029570	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2002	0026901002	ATXSTF	E1450	$1,367
6220	KS-49635	1264	1642560	NASA	PROBE, BROADBAND, H-FIELD	6675	MIE INC	1991	02020	8731	E1420	$1,375
6210	KS-L71557	11	1144005	NASA	PRINTER, ADP, LASERJET	7025	HEWLETT-PACKARD CO	1994	USFC112864	C2037A	E1410	$1,377
6100	KS-49635	1209	2023029	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2000	0019290054	LP MINI TOWER	E1400	$1,384
6230	KS-L71557	16	2022933	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2000	0018945808	LP MINI TOWER	E1430	$1,384
6210	KS-L71557D	101	1141058	NASA	MICROSCOPE, STEREOSCOPE	6650	MIE INC	1993	3C0836	SZ4045	E1410	$1,388
6210	KS-L71557D	101	1141059	NASA	PURIFIER UNIT, ASBESTOS	6640	MIE INC	1993	6651192	MAC	E1410	$1,395
6210	KS-L71557	1	2160964	NASA	METER, SOUND LEVEL	6685	QUEST TECHNOLOGIES CORP	1997	HS6060023	2800	E1410	$1,398
6250	KS-M6399	1323E	1143898	NASA	PRINTER, ADP, LASERJET	7025	HEWLETT-PACKARD CO	1994	JPGK037940	C2037A	E1450	$1,398
6210	KS-L71557D	101	0266303	NASA	FLOW HOOD	6640	MIE INC	1986	5984	CFM83-2	E1410	$1,415
6210	KS-L71557D	101	1983209	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1999	QC9050052	Q300	E1410	$1,441
6210	KS-L71557D	101	1983210	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1999	QC9050051	Q300	E1410	$1,441
6210	KS-M6342	165E	1983208	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1999	QC9050050	Q300	E1410	$1,441
6210	KS-L71557	6	1661618	NASA	DETECTOR, GAS	6665	RAE SYSTEMS	2006	002328	PGM 3000	E1410	$1,445
6210	KS-M6342	126	1634758	NASA	METER, MULTI GAS	6685	IND METROLOGY	1997	9607008277	LTX310	E1410	$1,450
6230	KS-49635	1227	1027496	NASA	MICROSCOPE, STEREOSCOPE	6650	MIE INC	1990	1B0008	SZ4045	E1430	$1,477
6230	KS-L71557	12A	1134896	NASA	PRINTER, ADP, LASERJET	7025	HEWLETT-PACKARD CO	1993	USBC169836	C2001A	E1430	$1,492
6210	KS-L71557	110	2027634	NASA	COMPUTER SYSTEM, DIGITAL	7010	GATEWAY COMPANIES INC	2001	BQB01450800	SOLO 5300	E1410	$1,500
6220	KS-L71557	1	0617281	NASA	DETECTOR	6665	MIE INC	1983	8293	6112B	E1420	$1,500
6100	KS-M6495	900	2027630	NASA	COMPUTER SYSTEM, DIGITAL	7010	GATEWAY COMPANIES INC	2001	BQB01450793	SOLO 5300	E1400	$1,500
6210	KS-49635	1247	2025947	NASA	REFRIGERATOR-FREEZER, LAB	4110	LAB-LINE INSTRUMENTS INC	2002	02020007	3763	E1410	$1,508
6220	KS-49635	1264	0617326	NASA	MONITOR	6625	MIE INC	1983	335	304596	E1420	$1,525
6220	KS-49635	1264	0617335	NASA	MONITOR	6665	MIE INC	1983	336	3	E1420	$1,525
6210	KS-L71557D	101	3059341	NASA	METER, VELOCITY, AIR	6685	MIE INC	1993	308088	8360	E1410	$1,525
6220	KS-49635	1248	1982693	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	1999	0013162081	LP MINI TOWER	E1420	$1,531
6210	KS-L71557D	101	1982702	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	1999	0013162063	LP MINI TOWER	E1410	$1,531
6220	KS-49635	1235	0620498	NASA	TYPEWRITER	7430	MIE INC	1985	C12028311	AP550	E1420	$1,544
6250	KS-73020	103	0620502	NASA	TYPEWRITER	7430	MIE INC	1985	C12028218	AP550	E1450	$1,544
6230	KS-L71557	16	0620501	NASA	TYPEWRITER	7430	MIE INC	1985	C12028315	AP550	E1430	$1,544

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	703	1124605	NASA	CENTRIFUGE, TABLE TOP	6640	BAXTER HEALHCARE CORP BAXTER	1992	174663	2502	E1400	$1,544
6220	KS-49635	1264	0620335	NASA	METER, NEUTRON	6625	MIE INC	1984	34398	12-4	E1420	$1,550
6210	KS-L71557D	101	1026566	NASA	PUMP, AIR SAMPLING, HIGH FLOW	6665	MIE INC	1991	0990R1	0523-101Q-G18DX	E1410	$1,550
6210	KS-1724	101	1143694	NASA	CALIBRATOR, AIR FLOW	6640	MIE INC	1994	10653B	800268	E1410	$1,556
6210	KS-1724	101	1143628	NASA	CALIBRATOR, AIR FLOW	6680	MIE INC	1994	10616-B	800268	E1410	$1,556
6210	KS-1724	209	1143693	NASA	CALIBRATOR, AIR FLOW	6640	MIE INC	1994	10652B	800268	E1410	$1,556
6200	KS-L71557	8	2026018	NASA	COMPUTER SYSTEM, DIGITAL	7010	GATEWAY COMPANIES INC	2002	0026815968	SOLO 9550SE	E1425	$1,560
6210	KS-L71557D	101	2019939	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1997	QC7020020	Q300	E1410	$1,582
6210	KS-L71557D	101	2019940	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1997	QC6110002	Q300	E1410	$1,582
6210	KS-L71557D	101	1642798	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1997	QC7020019	Q300	E1410	$1,582
6210	KS-L71557D	101	2019943	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1997	QC7020016	Q300	E1410	$1,582
6210	KS-L71557D	101	2019942	NASA	DOSIMETER, NOISE	6625	QUEST TECHNOLOGIES CORP	1997	QC7020018	Q300	E1410	$1,582
6230	KS-L71557	15	3058927	NASA	PRINTER, LASERJET	7025	HEWLETT-PACKARD CO	2004	USGNN62192	4200DTN	E1430	$1,595
6220	KS-49635	1264	1383945	NASA	TRANSMITTER, FIBER OPTIC	6665	MIE INC	1995	08020	8745T	E1420	$1,600
6210	KS-L71557D	101	2021625	NASA	ANALYZER, N02	6665	INTERSCAN CORP	1999	816267	4154A	E1410	$1,612
6210	KS-L71557D	101	2021626	NASA	ANALYZER, N02	6665	INTERSCAN CORP	1999	816269	4154A	E1410	$1,612
6210	KS-L71557D	101	2021628	NASA	ANALYZER, N02	6665	INTERSCAN CORP	1999	816266	4154A	E1410	$1,612
6210	KS-L71557D	101	2021629	NASA	ANALYZER, N02	6665	INTERSCAN CORP	1999	816270	4154A	E1410	$1,612
6210	KS-L71557D	101	2021627	NASA	ANALYZER, N02	6665	INTERSCAN CORP	1999	816268	4154A	E1410	$1,612
6210	KS-L71557D		2027455	NASA	COMPUTER, DIGITAL	7021	DELL COMPUTER CORP F-PC'S LTD	2001	GSMXY01	WCP	E1410	$1,612
6210	KS-L71557D	101	1124923	NASA	CALIBRATOR, AIR FLOW	6640	MIE INC	1992	7933B	800268	E1410	$1,616
6220	KS-49635	1264	1511954	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	1996	5601830	P5-133-ET	E1420	$1,619
6210	KS-L71557	111	2025942	NASA	PROJECTOR, LCD DATA	6730	SONY CORP	2001	17810	VPLCS4	E1410	$1,646
6230	KS-L71557	16A	2025943	NASA	PROJECTOR, LCD DATA	6730	SONY CORP	2001	17901	VPLCS4	E1430	$1,646
6220	KS-49635	1264	0873106	NASA	METER, NEUTRON	6665	MIE INC	1989	70154	12-4	E1420	$1,650
6220	KS-49635	1235	2027771	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0025587722	ATXSTF	E1420	$1,655
6220	KS-49635	1270	2027765	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0025587672	ATXSTF	E1420	$1,655
6100	KS-K61145	1200	2027760	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0025587658	ATXSTF	E1400	$1,655
6100	KS-M6495	603	2027764	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0025587740	ATXSTF	E1400	$1,655
6100	KS-M6495	900A	2027761	NASA	COMPUTER, DIGITAL	7021	GATEWAY COMPANIES INC	2001	0025587663	ATXSTF	E1400	$1,655

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-K61145	1211	1124668	NASA	CENTRIFUGE, TABLE TOP	6640	HERAEUS SEPATECH GMBH	1992	183914	2502	E1400	$1,685
6230	KS-L71557		2191465		METER, OXYGEN	6625	YSI INC	2006	07B1253	58-115V	E1430	$1,689.00
6100	KS-M6495	920	2191435		SIMULATOR, ARRHYTHMIA	6910	ARMSTRONG MEDICAL INC	2006	9213048	AA900	E1400	$1,690.00
6230	KS-L71557	13	2026004	NASA	METER, DIGITAL, OXYGEN	6630	YSI INC	2002	02C0344	58	E1430	$1,697
6230	KS-L71557	13	2019571	NASA	METER, OXYGEN	6625	YSI INC	2004	04A0729	58-115V	E1430	$1,725
6210	KS-L71557D	101	1141243	NASA	DETECTOR, GAS, PERSONAL ALARM	6640	MIE INC	1993	C04128	3210L	E1410	$1,748
6210	KS-L71557	1	1634803	NASA	METER, VENTILATION TESTING	6625	TSI INC F-THERMO-SYSTEMS INC	2000	00030499	8386	E1410	$1,750
6210	KS-L71557D	101	2161448	NASA	METER, VENTILATION TESTING	6625	TSI INC F-THERMO-SYSTEMS INC	2004	54030065	8386	E1410	$1,758
6210	KS-L71557D	101	2161449	NASA	METER, VENTILATION TESTING	6625	TSI INC F-THERMO-SYSTEMS INC	2004	54030066	8386	E1410	$1,758
6220	KS-49635	1264	1660298	NASA	PROBE, BROADBAND, H-FIELD	6675	MIE INC	1991	02011	8752	E1420	$1,760
6210	KS-L71557D	101	2019935	NASA	MONITOR, HEAT STRESS	6685	METROSONICS INC	1997	1515	HS3800	E1410	$1,800
6210	KS-L71557D	101	2019936	NASA	MONITOR, HEAT STRESS	6685	METROSONICS INC	1997	1514	HS3800	E1410	$1,800
6210	KS-L71557D	101	2019937	NASA	MONITOR, HEAT STRESS	6685	METROSONICS INC	1997	1516	HS3800	E1410	$1,800
6210	KS-L71557D	101	0167905	NASA	MICROSCOPE, PHASE CONTRAST	6640	MIE INC	1987	6L0081	CHS	E1410	$1,816
6220	KS-49635	1264	3059088	NASA	RADIOMETER/PHOTOMETER	6625	INTERNATIONAL LIGHT INC	2004	7458	IL1400A	E1420	$1,850
6100	KS-M6495	918C	1982634	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	1998	399332951	506DXN	E1400	$1,852
6230	KS-L71557	SHED	0267188	NASA	SAMPLER, LIQUID, AUTO	6640	MIE INC	1986	04739-006	2700	E1430	$1,865
6220	KS-49635	1264	1025506	NASA	METER, DIGITAL, KVP	6625	MIE INC	1990	40847	35075	E1420	$1,915
6100	KS-M6495	403	3059003	NASA	ICE MAKING MACHINE	4110	MANITOWOC CO MANITOWOC EQUIP	2004	050260134	SD0302A	E1400	$1,919
6210	KS-L71557D	101	2161046	NASA	MONITOR, THERMAL ENVIRONMENT	6685	QUEST TECHNOLOGIES	2002	TEC010008	QT-34	E1410	$1,920
6100	KS-M6495	WALL	1041974	NASA	BUILDING, UTILITY	5410	ROBIN BUILDERS INC	1991	NONE	84X4X4FLORIDIAN	E1400	$1,930
6210	KS-L71557D	101	1871012	NASA	ANALYZER, PORTABLE, NO2	6625	INTERSCAN CORP	1998	815572	4154	E1410	$1,944
6210	KS-L71557D	101	1871013	NASA	ANALYZER, PORTABLE, NO2	6625	INTERSCAN CORP	1998	815571	4154	E1410	$1,944
6210	KS-L71557D	101	1871014	NASA	ANALYZER, PORTABLE, NO2	6625	INTERSCAN CORP	1998	815573	4154	E1410	$1,944
6100	KS-M6495	918B	2191223	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	2006	106125906	506DXNT2	E1400	$1,947
6100	KS-M6495	918B	2191222	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	2006	106125859	506DXNT2	E1400	$1,947
6100	KS-M6495	918B	2191221	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	2006	106125910	506DXNT2	E1400	$1,947
6100	KS-M6495	918B	2191224	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	2006	106125865	506DXNT2	E1400	$1,947

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	918C	2028142	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	2005	106125870	506DXNT2	E1400	$1,947
6100	KS-M6495		2028141	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	2005	106125878	506DXNT2	E1400	$1,947
6210	KS-L71557D	101	1634801	NASA	MONITOR, HEAT STRESS	6685	QUEST ELECTRONICS	2000	KL0020023	QUESTEMP 15M	E1410	$1,950
6210	KS-M6342	165E	1634800	NASA	MONITOR, HEAT STRESS	6685	QUEST ELECTRONICS	2000	KL0020024	QUESTEMP 15M	E1410	$1,950
6220	KS-49635	1264	2191437		RADIOMETER/PHOTOMETER	6625	INTERNATIONAL LIGHT INC	2006	8387	IL1400A	E1420	$1,950.00
6220	KS-49635	1264	0012156	NASA	METER, SURVEY	6675	MIE INC	1989	1280	ASP1	E1420	$1,955
6210	KS-L71557	101	0876530	NASA	ANALYZER, PORTABLE, NO2	6640	MIE INC	1988	88623	4154	E1410	$1,959
6210	KS-L71557D	101	0876529	NASA	ANALYZER, PORTABLE, NO2	6640	MIE INC	1988	88625	4154	E1410	$1,959
6210	KS-L71557D	101	0876531	NASA	ANALYZER, PORTABLE, NO2	6640	MIE INC	1988	88624	4154	E1410	$1,959
6230	KS-L71557	13	2020969	NASA	ICE MAKING MACHINE	4110	MANITOWOC CO MANITOWOC EQUIP	2000	000562632	QD0452A	E1430	$1,982
6220	KS-49635	1264	1025151	NASA	METER, DOSERATE, NEUTRON	6625	MIE INC	1990	02574	ESP1	E1420	$2,000
6230	KS-L71557	16	0813499	NASA	METER, VELOCITY	6680	MIE INC	1992	4092	2100	E1430	$2,000
6230	KS-L71557	16	0813498	NASA	METER, VELOCITY	6680	MIE INC	1992	4091	2100	E1430	$2,000
6100	KS-M6495	308	1124660	NASA	CONSOLE, POWER	6515	MOTOROLA COMMUNICATIONS GROUP	1992	1583729R24	BLN6755	E1400	$2,000
6220	KS-49635	1270	2025908	NASA	PRINTER, ADP	7025	HEWLETT-PACKARD CO	2001	USBNJ12068	C8052A	E1420	$2,015
6230	KS-L71557	13	1041122	NASA	DEIONIZATION SYSTEM	6630	MIE INC	1991	630910898883	D4741	E1430	$2,046
6210	KS-L71557D	101	1645911	NASA	MONITOR, IAQ	6695	TSI INC F-THERMO-SYSTEMS INC	2000	48319	8550	E1410	$2,095
6210	KS-L71557D	101	3059093	NASA	DOSIMETER	6685	QUEST TECHNOLOGIES	2004	QDD080004	Q400	E1410	$2,098
6210	KS-L71557D	101	3059094	NASA	DOSIMETER	6685	QUEST TECHNOLOGIES	2004	QDD080005	Q400	E1410	$2,098
6210	KS-L71557D	101	3059095	NASA	DOSIMETER	6685	QUEST TECHNOLOGIES	2004	QDD080006	Q400	E1410	$2,098
6210	KS-L71557D	101	3059096	NASA	DOSIMETER	6685	QUEST TECHNOLOGIES	2004	QDD080007	Q400	E1410	$2,098
6210	KS-L71557D	101	3059097	NASA	DOSIMETER	6685	QUEST TECHNOLOGIES	2004	QDD080008	Q400	E1410	$2,098
6100	KS-70535	eng#3	2019890	NASA	DEFIBRILLATOR, AUTO, EXTERNAL	6515	HEWLETT-PACKARD CO	1999	000027429	S01	E1400	$2,099
6100	KS-M6495	816	2019891	NASA	DEFIBRILLATOR, AUTO, EXTERNAL	6515	HEWLETT-PACKARD CO	1999	000027458	S01	E1400	$2,099
6100	KS-M6495	816	2019892	NASA	DEFIBRILLATOR, AUTO, EXTERNAL	6515	HEWLETT-PACKARD CO	1999	000027431	S01	E1400	$2,099

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	816	2019893	NASA	DEFIBRILLATOR, AUTO, EXTERNAL	6515	HEWLETT-PACKARD CO	1999	000027428	S01	E1400	$2,099
6100	KS-M6495	816	2019895	NASA	DEFIBRILLATOR, AUTO, EXTERNAL	6515	HEWLETT-PACKARD CO	1999	000027462	S01	E1400	$2,099
6230	KS-L71557	SHED	0866300	NASA	SAMPLER, LIQUID, AUTO	6665	MIE INC	1989	06300-019	2700	E1430	$2,109
6230	KS-L71557	SHED	0866301	NASA	SAMPLER, LIQUID, AUTO	6665	MIE INC	1989	06301-003	2700	E1430	$2,109
6100	KS-K61145	1200	2019885	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	1999	499349321	506DXNT2	E1400	$2,123
6100	KS-M6495	601	2019887	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	1999	499349323	506DXNT2	E1400	$2,123
6100	KS-M6495	918C	2019884	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	1999	499349327	506DXNT2	E1400	$2,123
6100	KS-M6495	918C	2019886	NASA	OXIMETER, PULSE	6515	CRITICARE SYSTEMS INC	1999	499349320	506DXNT2	E1400	$2,123
6100	KS-M6411	100C	0617053	NASA	BED, HOSPITAL	6530	BORG-WARNER CORP	1983	001434	33	E1400	$2,148
6100	KS-M6495	817	0617054	NASA	BED, HOSPITAL	6530	BORG-WARNER CORP	1983	001409	33	E1400	$2,148
6210	KS-L71557D	101	1124875	NASA	MICROSCOPE, PHASE CONTRAST	6640	MIE INC	1992	1K0026	CHS	E1410	$2,150
6210	KS-L71557D	101	0875126	NASA	FLOW HOOD, ELECTRONIC	6640	MIE INC	1988	M88228	CFM85BP5	E1410	$2,190
6230	KS-L71557	16B	1661002	NASA	COMPUTER, LAPTOP	7021	GATEWAY COMPANIES INC	2002	0029338171	600YG2	E1430	$2,199
6220	KS-49635	1264	1634772	NASA	METER	6625	NARDA MICROWAVE CORP	1999	09002	8712	E1420	$2,200
6210	KS-M6342	126	0818261	NASA	MONITOR, GAS, PERSONAL ALARM	6665	MINE SAFETY APPLIANCES CO DBA	1996	C426593	THE PASSPORT	E1410	$2,200
6100	KS-M6411	100C	0871357	NASA	CABINET, MEDICINE	6530	UNITED METAL FABRICATORS INC	1989	NONE	SS7854	E1400	$2,227
6100	KS-M6495	507	0871356	NASA	CABINET, MEDICINE	6530	UNITED METAL FABRICATORS INC	1989	NONE	SS7854	E1400	$2,227
6100	KS-M6495	918C	2161028	NASA	DEFIBRILLATOR	6515	PHILLIPS MEDICAL SYSTEMS	2003	1202079153	M3861A	E1400	$2,249
6200	KS-L71557	14	2026648	NASA	PROJECTOR	6730	SONY CORP OF AMERICA	2001	11523	VPLCS3	E1425	$2,285
6100	KS-M6495	920	2026649	NASA	PROJECTOR	6730	SONY CORP OF AMERICA	2001	11709	VPLCS3	E1400	$2,285
6100	KS-M6495		3059017	NASA	VISION SCREENER	6515	TITMUS OPTICAL INC	2005	CA54786	2A	E1400	$2,360
6100	KS-M6495		3059018	NASA	VISION SCREENER	6515	TITMUS OPTICAL INC	2005	CA54785	2A	E1400	$2,360
6210	KS-L71557D	101	1025797	NASA	METER, N02	6640	MIE INC	1990	810056	4100SP	E1410	$2,398
6210	KS-L71557D	101	1383972	NASA	ALARM, ANNUNCIATOR	6350	MIE INC	1995	001	MV1P1004	E1410	$2,400
6210	KS-L71557D	101	1141916	NASA	METER, SOUND LEVEL INTERGRATED	6640	MIE INC	1994	HS4020018	2800-10012	E1410	$2,400
6230	KS-L71557	13	3059522	NASA	SAMPLER, PORTABLE	6630	TELEDYNE ISCO INC	2005	205D00459	6712	E1430	$2,408
6220	KS-49635	1228	0620535	NASA	FILE UNIT, ROTARY	7460	MIE INC	1985	NONE	17S17A	E1420	$2,418
6230	KS-L71557	16	0620534	NASA	FILE UNIT, ROTARY	7460	MIE INC	1985	NONE	17S17A	E1430	$2,418
6220	KS-49635	1264	1041355	NASA	METER, RADIATION SURVEY	6675	MIE INC	1991	07011	8716	E1420	$2,420

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6200	KS-L71557	L.D.	3058885	NASA	ICE MAKING MACHINE	4110	MANITOWOC CO MANITOWOC EQUIP	2004	040263073	SA0852A	E1425	$2,431
6210	KS-49635	1247	2027560	NASA	CENTRIFUGE, MICRO	6640	EPPENDORF GERAETEBAU NETHELER	2001	15889	5417	E1410	$2,461
6210	KS-L71557D	101	1634771	NASA	MONITOR, IAQ	6695	TSI INC F-THERMO-SYSTEMS INC	2000	48254	8550	E1410	$2,470
6220	KS-L71557	6	3059052	NASA	METER, NEUTRON	6665	MIE INC	2001	218102	12-4	E1420	$2,495
6220	KS-L71557	6	3059053	NASA	METER, NEUTRON	6665	MIE INC	2001	218088	12-4	E1420	$2,495
6210	KS-L71557D	101	1661071	NASA	DETECTOR, LEAK	6665	BACHARACH INC F-BACHARACH INST	2005	KT1001	H25-IR	E1410	$2,500
6210	KS-L71557D	101	1661072	NASA	DETECTOR, LEAK	6665	BACHARACH INC F-BACHARACH INST	2005	KT1000	H25-IR	E1410	$2,500
6230	KS-L71557	SHED	1124374	NASA	SAMPLER, LIQUID, AUTO	6630	MIE INC	1992	08855-258	3700	E1430	$2,595
6230	KS-L71557	SHED	1124505	NASA	SAMPLER, LIQUID, AUTO	6630	MIE INC	1992	08996066	3700	E1430	$2,595
6210	KS-L71557D	101	2026692	NASA	MEASURING DEVICE, ACCUBALANCE	6625	TSI INC F-THERMO-SYSTEMS INC	2001	01090127	8373	E1410	$2,595
6100	KS-M6495	709	1661143	NASA	STRETCHER, TRANSTAR	6530	HILL-ROM COMPANY	2006	03263524Q3	PC350	E1400	$2,649
6100	KS-M6495	817	1661141	NASA	STRETCHER, TRANSTAR	6530	HILL-ROM COMPANY	2006	03263524P7	PC350	E1400	$2,649
6100	KS-M6495	817	1661142	NASA	STRETCHER, TRANSTAR	6530	HILL-ROM COMPANY	2006	03263524Q4	PC350	E1400	$2,649
6100	KS-M6495	817	1661144	NASA	STRETCHER, TRANSTAR	6530	HILL-ROM COMPANY	2006	03263524RE	PC350	E1400	$2,649
6210	KS-M6342	126	1662946	NASA	DETECTOR, GAS	6665	RAE SYSTEMS	2004	PGM7600110009768	MINIRAE2000	E1410	$2,668
6210	KS-L71557	6	1661066	NASA	MONITOR, IAQ	6695	TSI INC F-THERMO-SYSTEMS INC	2005	855205051000	8552	E1410	$2,695
6210	KS-M6342	165E	2505820	NASA	MONITOR, IAQ	6695	TSI INC F-THERMO-SYSTEMS INC	2005	855203051000	8552/8554	E1410	$2,695
6100	KS-M6495	817	2026017	NASA	STRETCHER	6530	GENDRON INC	2002	8718940201	40001C	E1400	$2,750
6210	KS-L71557D	101	0866741	NASA	MONITOR, NITROGEN, DIOXIDE	6665	MIE INC	1989	89441	4154AUL	E1410	$2,807
6210	KS-L71557D	101	0866739	NASA	MONITOR, NITROGEN, DIOXIDE	6665	MIE INC	1989	89440	4154AUL	E1410	$2,807
6210	KS-L71557D	101	0866740	NASA	MONITOR, NITROGEN, DIOXIDE	6665	MIE INC	1989	89442	4154AUL	E1410	$2,807
6100	KS-M6495	603	1144003	NASA	BOOTH, AUDIOMETRIC	6515	TREMETRICS INC	1994	942953	AR9S	E1400	$2,825
6100	KS-M6495	603	1143674	NASA	BOOTH, AUDIOMETRIC	6530	TREMETRICS INC	1994	942706	AR9S	E1400	$2,825
6100	KS-M6495	603	1142086	NASA	BOOTH, AUDIOMETRIC	6530	TREMETRICS INC	1994	94295	AR9S	E1400	$2,825
6230	KS-L71557	SHED	1042130	NASA	FLOWMETER	6680	MIE INC	1992	09018038	3230	E1430	$2,937
6210	KS-M6495	918	2191446		AUTORAE CONTROLLER SYSTEM	6665	RAE SYSTEMS	2006	189900299	DKS 3000	E1410	$2,953.00
6210	KS-L71557D	101	2021112	NASA	ANALYZER, NO2	6625	INTERSCAN CORP	1999	816186	4152	E1410	$2,958
6210	KS-L71557D	101	2021114	NASA	ANALYZER, NO2	6625	INTERSCAN CORP	1999	816185	4152	E1410	$2,958
6210	KS-L71557D	101	2021115	NASA	ANALYZER, NO2	6625	INTERSCAN CORP	1999	816187	4152	E1410	$2,958
6210	KS-L71557D	101	1645725	NASA	MONITOR, PERSONAL AEROSOL	6640	TSI INC F-THERMO-SYSTEMS INC	2004	10403052	AM510	E1410	$2,958
6210	KS-L71557D	101	1662789	NASA	MONITOR, PERSONAL AEROSOL	6640	TSI INC F-THERMO-SYSTEMS INC	2004	10403054	AM510	E1410	$2,958

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6210	KS-L71557D	101	1662790	NASA	MONITOR, PERSONAL AEROSOL	6640	TSI INC F-THERMO-SYSTEMS INC	2004	10403053	AM510	E1410	$2,958
6210	KS-L71557D	101	2025892	NASA	AIR SAMPLER	6640	GILIAN INSTRUMENT CORP	2001	911052	LFS-113	E1410	$2,999
6210	KS-L71557D	101	3058880	NASA	MONITOR, THERMAL ENVIRONMENT	6685	QUEST TECHNOLOGIES	2004	TED090028	QT-34	E1410	$3,055
6210	KS-L71557	101	2161453	NASA	METER, IAQ	6625	TSI INC F-THERMO-SYSTEMS INC	2004	855403041022	Q-TRAC PLUS	E1410	$3,095
6210	KS-L71557	101	2161454	NASA	METER, IAQ	6625	TSI INC F-THERMO-SYSTEMS INC	2004	855403041023	Q-TRAC PLUS	E1410	$3,095
6210	KS-L71557	101	2161455	NASA	METER, IAQ	6625	TSI INC F-THERMO-SYSTEMS INC	2004	855402041023	Q-TRAC PLUS	E1410	$3,095
6100	KS-M6495	918C	0864364	NASA	LAMP, SLIT	6640	BAUSCH AND LOMB INC	1988	176850	CSL	E1400	$3,110
6210	KS-L71557D	101	2026026	NASA	METER, INDOOR AIR QUALITY	6625	QUEST TECHNOLOGIES	2002	2230	AQ5001	E1410	$3,144
6210	KS-L71557D	101	2025996	NASA	METER, INDOOR AIR QUALITY	6625	QUEST TECHNOLOGIES	2002	2210	AQ5001	E1410	$3,144
6230	KS-L71557	SHED	1124506	NASA	FLOWMETER	6630	MIE INC	1992	08829068	3230	E1430	$3,175
6230	KS-L71557	SHED	1124377	NASA	FLOWMETER	6630	MIE INC	1992	08829-154	3230	E1430	$3,175
6210	KS-L71557D	101	2025893	NASA	AIR SAMPLER	6640	GILIAN INSTRUMENT CORP	2001	105033	3500	E1410	$3,210
6210	KS-L71557D	101	2161044	NASA	TRI-SENSOR KIT, THERMAL	6685	QUEST TECHNOLOGIES	2002	TEC010007	QT-34-3	E1410	$3,250
6230	KS-L71557	SHED	1124691	NASA	SAMPLER, LIQUID, AUTO	6630	MIE INC	1992	09078077	3700	E1430	$3,266
6100	KS-M6495	505	1661608	NASA	TONOMETER	6540	MEDTRONIC SOLAN	2005	4218080002	PEN XL	E1400	$3,288
6210	KS-L71557D	101	3058828	NASA	MONITOR, THERMAL ENVIRONMENT	6685	QUEST TECHNOLOGIES	2004	TEA06008	QT-34	E1410	$3,335
6250	KS-K7114	1	1385006	NASA	CLEANER, VACUUM, INDUSTRIAL	7910	REMEDIATION TECHNOLOGIES INC	1996	8728	AU500	E1450	$3,350
6210	KS-L71557D	101	1124880	NASA	PUMP, AIR SAMPLING, LOW FLOW	6640	MIE INC	1992	NONE	ALPHA2	E1410	$3,389
6210	KS-L71557	11	2021861	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816323	4187A	E1410	$3,451
6210	KS-L71557	101	2021860	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816324	4187A	E1410	$3,451
6210	KS-L71557D	101	2021859	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816325	4187A	E1410	$3,451
6210	KS-L71557D	101	2021865	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816320	4187A	E1410	$3,451
6210	KS-L71557D	101	2021862	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816322	4187A	E1410	$3,451
6210	KS-L71557D	101	2021864	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816319	4187A	E1410	$3,451
6210	KS-L71557D	101	2021863	NASA	METER, HYDRAZINE	6665	INTERSCAN CORP	1999	816321	4187A	E1410	$3,451
6210	KS-L71557D	101	0875335	NASA	FUME HOOD W/BLOWER	6640	MIE INC	1988	B44556	501142N	E1410	$3,478
6210	KS-L71557	11	1019985	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	INTERSCAN CORP	2002	87248	4183	E1410	$3,531
6220	KS-49635	1264	0617275	NASA	MONITOR	6665	MIE INC	1983	08091	8608	E1420	$3,572
6220	KS-49635	1236	2506265	NASA	PROBE, BROADBAND, E-FIELD	6675	MIE INC	1991	06021	8741	E1420	$3,630
6210	KS-L71557D	101	1143953	NASA	MONITOR, OZONE	6630	MIE INC	1994	305018	8412	E1410	$3,650
6210	KS-L71557D	101	1143952	NASA	MONITOR, OZONE	6630	MIE INC	1994	305082	8412	E1410	$3,650

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6100	KS-M6495	213	0614700	NASA	STERILIZER	6530	LEICA INC (SURVEYING & PHOTOG	1983	7256	DE2036	E1400	$3,760
6100	KS-M6495	918C	0617061	NASA	LAMP, SLIT	6650	MARCO ELECTRIC MFG CO	1983	NONE	MARCOV	E1400	$3,780
6220	KS-49635	1264	2030193	NASA	COUNTER, SAMPLE	6665	THERMO EBERLINE	2003	403	HANDECO UNT	E1420	$3,795
6100	KS-M6495	603	2029701	NASA	AUDIOMETER	6515	TREMETRICS INC	2002	024032	RA500	E1400	$3,942
6100	KS-M6495	603	2029702	NASA	AUDIOMETER	6515	TREMETRICS INC	2002	024031	RA500	E1400	$3,942
6100	KS-M6495	603	2030420	NASA	AUDIOMETER	6515	TREMETRICS INC	2002	024112	RA500	E1400	$3,942
6100	KS-M6495	918C	2030421	NASA	AUDIOMETER	6515	TREMETRICS INC	2002	024113	RA500	E1400	$3,942
6100	KS-K61145	1210	1027080	NASA	LAMP, SLIT	6640	MARCO ELECTRIC MFG CO	1990	501976	MARCOV	E1400	$3,950
6220	KS-49635	1264	2191173	NASA	COUNTER, SAMPLE	6665	THERMO EBERLINE	2006	630	HANDECO UNT	E1420	$3,965
6220	KS-49635	1264	1025791	NASA	MONITOR, RADIATION	6625	MIE INC	1990	3284	1015C	E1420	$4,045
6210	KS-L71557	11	2021620	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	INTERSCAN CORP	1999	816192	4183	E1410	$4,073
6210	KS-L71557D	101	2021623	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	INTERSCAN CORP	1999	816189	4183	E1410	$4,073
6210	KS-L71557D	101	2021622	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	INTERSCAN CORP	1999	816190	4183	E1410	$4,073
6210	KS-L71557D	101	0814284	NASA	DETECTOR, HYPERGOLIC FUEL	6665	MIE INC	1989	86834	4183A	E1410	$4,190
6210	KS-L71557D	101	0884644	NASA	METER, N2H4 LOW LEVEL	6665	MIE INC	1989	86833	4183A	E1410	$4,190
6220	KS-L71557	6	2212778	NASA	TESTER, MAGNETIC FIELD	6625	NARDA MICROWAVE CORP	2006	L0043	ELT-400	E1420	$4,250
6200	KS-49635	1264	0617098	NASA	STERILIZER	6640	AUTOCLAVE ENGINEERS INC	1983	290180	CPW16R	E1425	$4,253
6210	KS-L71557D	101	0877092	NASA	METER, NO2	6665	MIE INC	1989	TLD101894	TLD1	E1410	$4,295
6210	KS-L71557D	101	0877093	NASA	METER, N2H4	6665	MIE INC	1989	TLD101848	TLD1	E1410	$4,295
6210	KS-L71557D	101	1983207	NASA	METER, SOUND LEVEL	6625	QUEST TECHNOLOGIES CORP	1999	CC9030012	1900	E1410	$4,352
6210	KS-L71557D	101	0167815	NASA	MICROSCOPE, TRINOCULAR	6640	MIE INC	1987	207052	BHT200	E1410	$4,364
6210	KS-L71557D	101	0167816	NASA	MICROSCOPE, TRINOCULAR	6640	MIE INC	1987	S3667	BHT200	E1410	$4,364
6210	KS-L71557	11	0885199	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	MIE INC	1989	87253	4183	E1410	$4,366
6210	KS-L71557	11	0885206	NASA	METER, N2H4 LOW LEVEL	6665	MIE INC	1989	87251	4183A	E1410	$4,366
6210	KS-L71557D	101	0884637	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	MIE INC	1989	87272	4183	E1410	$4,366
6210	KS-L71557D	101	0885197	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	MIE INC	1989	87262	4183	E1410	$4,366
6210	KS-L71557D	101	0885198	NASA	DETECTOR, HYPERGOLIC OXIDIZER	6665	MIE INC	1989	87261	4183	E1410	$4,366
6210	KS-L71557	11	1025828	NASA	METER, N2H4	6665	MIE INC	1989	TLD101789	870500	E1410	$4,447
6210	KS-L71557	11	1133959	NASA	DETECTOR, GAS TOXIC	6665	MIE INC	1991	TLD102950	TLD1	E1410	$4,495
6210	KS-L71557D	101	1133957	NASA	DETECTOR, GAS TOXIC	6665	MIE INC	1991	TLD102946	TLD1	E1410	$4,495

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
NonSensitive and < $5000												
6210	KS-L71557D	101	1133958	NASA	DETECTOR, GAS TOXIC	6665	MIE INC	1991	TLD102945	TLD1	E1410	$4,495
6210	KS-L71557D	101	1133960	NASA	DETECTOR, GAS TOXIC	6665	MIE INC	1991	TLD102940	TLD1	E1410	$4,495
6200	KS-L71557	13	3058917	NASA	DISHWASHER	7310	COLE PARMER INSTRUMENT CO	2004	216910	CLW-108	E1425	$4,508
6210	KS-L71557D	101	1042119	NASA	METER, HG	6630	MIE INC	1992	1457	431X	E1410	$4,550
6210	KS-L71557	11	0876687	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1988	88664	4183A	E1410	$4,652
6210	KS-L71557D	101	0876686	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1988	88663	4183A	E1410	$4,652
6210	KS-L71557	11	1124779	NASA	DETECTOR, GAS, TOXIC	6665	MIE INC	1992	TLD103644	870500G	E1410	$4,695
6210	KS-L71557D	101	1124780	NASA	DETECTOR, GAS, TOXIC	6665	MIE INC	1992	TLD103643	870500G	E1410	$4,695
6210	KS-L71557D	101	1134837	NASA	METER, N2H4	6665	MIE INC	1993	103881	870500	E1410	$4,835
6250	KS-K7114	1	1505938	NASA	DRUM HANDLER, SELF POWERED	3930	LAB SAFETY SUPPLY CO DIV OF	1996	NONE	TM27923	E1450	$4,850
6200	KS-49635	1235	0871426	NASA	STERILIZER, STERILMATIC	6530	MARKET FORGE CO	1990	165995	STMEL	E1425	$4,890
6100	KS-M6495	410	0871427	NASA	STERILIZER, STERILMATIC	6530	MARKET FORGE CO	1990	165940	STMEL	E1400	$4,890
6230	KS-L71557D	LAB	1143859	NASA	HOOD, LABORATORY, FUME	6640	MIE INC	1994	250038	48800	E1430	$4,980
6210	KS-L71557D	101	2213340		COUNTER, PARTICLE	6680	TSI INC F-THERMO-SYSTEMS INC	2001	852502021024	8525	E1410	$4,990.00
6100	KS-K61145	1211	0864153	NASA	BOOTH, AUDIOMETRIC	6530	INDUSTRIAL ACOUSTICS CO INC	1988	NONE	401A	E1400	$4,995
6100	KS-M6495	702	1982625	NASA	COMPUTER, DIGITAL	7021	COMPAQ COMPUTER CORP	1999	1X92CMP9N9C3	CM0203	E1400	$4,995

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
Sensitive or ≥ $5000												
6230	KS-L71557	16D	1635056	NASA	CAMERA, DIGITAL, ZOOM	6720	SONY CORP	1998	190645	MVCFD7	E1430	$659
6220	KS-49635	1222	1642847	NASA	CAMERA, DIGITAL	6720	CANON CAMERA CO INC	2001	142B07459	PC1004	E1420	$689
6250	KS-TR1607	OFF	1642846	NASA	CAMERA, DIGITAL	6720	CANON CAMERA CO INC	2001	162D00675	PC1004	E1450	$689
6210	KS-L71557D	101	1384683	NASA	CAMERA DIGITAL, SCIENCE	6720	MIE INC	1995	EKD60100704	DC40	E1410	$699
6230	KS-L71557	6	1928124	NASA	CAMERA, DIGITAL	6720	SONY CORP	1999	250379	MVC-FD83	E1430	$700
6210	KS-L71557	101	1124927	NASA	CAMERA, VIDEO, CAMCORDER	5836	PANASONIC	1992	J1WA11567	PV704	E1410	$739
6100	KS-M6495	920	2019903	NASA	RECEIVER, TELEVISION, 35"	5820	SONY CORP	1999	9009034	KV35S66	E1400	$1,197
6230	KS-L71557	13	1140929	NASA	REFRIGERATOR, LABORATORY	4110	MIE INC	1993	32135068	13-988-348GW	E1430	$2,276
6100	KS-M6495	202	0864459	NASA	TABLE, EXAMINING	6530	HAMILTON INDUSTRIES INC	1988	8553303	1K004TE	E1400	$5,022
6210	KS-L71557	1100	1124296	NASA	FILE UNIT, ROTARY	7460	MIE INC	1991	NONE	17S17A	E1410	$5,034
6210	KS-L71557D	101	1041746	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810807	4183LA	E1410	$5,093
6210	KS-L71557D	101	1041745	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810806	4183LA	E1410	$5,093
6210	KS-L71557D	101	1041753	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810812	4183LA	E1410	$5,093
6210	KS-L71557D	101	1041754	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810810	4183LA	E1410	$5,093
6210	KS-L71557D	101	1041744	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810805	4183LA	E1410	$5,093
6210	KS-L71557D	101	1041750	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810802	4183LA	E1410	$5,093
6210	KS-L71557D	101	1041747	NASA	METER, N2H4 LOW LEVEL	6640	MIE INC	1991	810808	4183LA	E1410	$5,093
6100	KS-M6495	702	1977618	NASA	SPIROMETER	6515	GRASEBY ANDERSON SPIROTECH DIV	1998	1500161	SA0044	E1400	$5,097
6220	KS-49635	1264	1141350	NASA	CALIBRATOR, DOSIMETER	6665	MIE INC	1993	14047	423	E1420	$5,600
6210	KS-L71557D	101	0167703	NASA	ANALYZER, VAPOR	6640	MIE INC	1987	250	CR002US	E1410	$5,618
6100	KS-M6495	900A	3059498	NASA	ELECTROCARDIOGRAPH, ECG	6545	QUINTON BURDICK	2005	A3000-006836	ATRIA 3000	E1400	$5,700
6220	KS-49635	1264	1141435	NASA	MONITOR, RADIATION	6665	MIE INC	1993	5173	1015	E1420	$5,850
6100	KS-M6495	816	1143629	NASA	DEFIBRILLATOR/MONITOR,RECORDER	6515	MEDTRONIC PHYSIO-CONTROL CORP	1994	00033150	LIFEPAK10	E1400	$6,326
6100	KS-M6495	816	1143630	NASA	DEFIBRILLATOR/MONITOR,RECORDER	6515	MEDTRONIC PHYSIO-CONTROL CORP	1994	00033121	LIFEPAK10	E1400	$6,326
6100	KS-M6495	816	1143632	NASA	DEFIBRILLATOR/MONITOR,RECORDER	6515	MEDTRONIC PHYSIO-CONTROL CORP	1994	00033152	LIFEPAK10	E1400	$6,326
6100	KS-M6495	816	1143633	NASA	DEFIBRILLATOR/MONITOR,RECORDER	6515	MEDTRONIC PHYSIO-CONTROL CORP	1994	00033137	LIFEPAK10	E1400	$6,326

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
Sensitive or ≥ $5000												
6100	KS-M6495	816	1143631	NASA	DEFIBRILLATOR/MONITOR,RECORDER	6515	MEDTRONIC PHYSIO-CONTROL CORP	1994	00033133	LIFEPAK10	E1400	$6,326
6210	KS-L71557D	101	1980565	NASA	DETECTOR, HYPERGOLIC FUEL	6665	MIE INC	1985	86697	4189	E1410	$6,536
6250	KS-K7114	1	1141986	NASA	VEHICLE, UTILITY	2310	MITSUBISHI MOTORS CORP	1994	IV4FSU00TAU003439	SH27D	E1450	$6,541
6210	KS-L71557D	101	1042013	NASA	METER, DMES	6630	MIE INC	1991	00103	203	E1410	$6,735
6210	KS-L71557D	101	1981201	NASA	DETECTOR, HYPERGOLIC FUEL	6665	INTERSCAN CORP	1999	86695	4189	E1410	$6,740
6210	KS-L71557D	101	1981200	NASA	DETECTOR, HYPERGOLIC FUEL	6665	INTERSCAN CORP	1999	86838	4189	E1410	$6,994
6210	KS-L71557D	101	1041829	NASA	METER, DMES	6630	MIE INC	1991	00099	203	E1410	$7,105
6210	KS-L71557D	101	1981203	NASA	DETECTOR, HYPERGOLIC FUEL	6665	INTERSCAN CORP	1999	87271	4189	E1410	$7,170
6100	KS-M6495	816	1026522	NASA	DEFIBRILLATOR, DC, LIFEPAK10	6515	MEDTRONIC PHYSIO-CONTROL CORP	1991	00011295	804200-28	E1400	$7,573
6100	KS-M6495	816	1041870	NASA	MONITOR, DEFIBRILLATOR,CARDIAC	6515	MEDTRONIC PHYSIO-CONTROL CORP	1991	00012367	804200-2B	E1400	$7,573
6100	KS-M6495	816	1041876	NASA	MONITOR, DEFIBRILLATOR,CARDIAC	6515	MEDTRONIC PHYSIO-CONTROL CORP	1991	00012325	804200-2B	E1400	$7,573
6210	KS-L71557D	101	1980563	NASA	DETECTOR, HYPERGOLIC FUEL	6640	MIE INC	1991	810811	4189	E1410	$7,693
6210	KS-L71557D	101	1980751	NASA	DETECTOR, HYPERGOLIC FUEL	6640	INTERSCAN CORP	1991	810809	4189	E1410	$7,897
6210	KS-L71557D	101	1980750	NASA	DETECTOR, HYPERGOLIC FUEL	6640	INTERSCAN CORP	1991	810803	4189	E1410	$7,897
6210	KS-L71557D	101	1142082	NASA	ANALYZER, VAPOR	6630	MIE INC	1994	8113	203CA1111	E1410	$8,313
6210	KS-L71557D	101	1142084	NASA	ANALYZER, VAPOR	6630	MIE INC	1994	8114	203CA1111	E1410	$8,313
6210	KS-L71557D	101	2161023	NASA	DETECTOR, CHEMICAL AGENT	6695	SMITHS DETECTION-WARREN INC	2002	2228	APD2000 242880030	E1410	$8,350
6100	KS-M6495	706	1042265	NASA	CARDIOGRAPH, MICROCOMPUTER	6515	HEWLETT-PACKARD CO	1991	3049A01509	M1700A	E1400	$8,578
6100	KS-M6495	817	1042264	NASA	CARDIOGRAPH, MICROCOMPUTER	6515	HEWLETT-PACKARD CO	1991	3049A01510	M1700A	E1400	$8,578
6100	KS-M6495	307	0617672	NASA	FILING SYSTEM	7460	WHITE STORAGE & RETREVIAL SYS	1984	NONE	CD700	E1400	$8,750
6100	KS-M6495	307	1124661	NASA	MONITOR, PATIENT CONSOLE, DSKT	6515	MOTOROLA COMMUNICATIONS GROUP	1992	504CSN0007	Q3234A	E1400	$8,791
6230	KS-L71557	13	1383711	NASA	ANALYZER, VAPOR	6680	MIE INC	1995	7784780	TVA1000	E1430	$9,282
6210	KS-L71557D	101	1141057	NASA	MICROSCOPE, POLARIZING	6650	MIE INC	1993	245961	BHS	E1410	$9,868

ORG.	BDLG.	ROOM	EQUIP. CONTROL NUMBER	UNIQUE EQUIP. NUMBER	ITEM NAME	NSN	MANUFACTURER	YEAR OF MANUFACTURE	SERIAL NUMBER	MODEL	ACCOUNT	COST
Sensitive or ≥ $5000												
6100	KS-M6495	307	1124654	NASA	MONITOR, PATIENT, VITAL SIGNS	6515	NAKAMICHI CORPORATION	1992	1123	HCC1000B	E1400	$10,028
6230	KS-L71557	13	1506679	NASA	ANALYZER, TOXIC VAPOR	6625	MIE INC	1997	17195450	TVA1000B	E1430	$10,215
6230	KS-L71557	13	1506378	NASA	ANALYZER, TOXIC VAPOR	6630	MIE INC	1996	15869526	TVA1000B	E1430	$10,215
6220	KS-49635	1264	2027932	NASA	SPECTROSCOPY SYSTEM, PORTABLE	6625	PRINCETON GAMMA-TECH INC	2001	241789019655 6230	935	E1420	$10,450
6210	KS-49635	1214	0167892	NASA	SPECTROPHOTOMETER, INFRARED	6650	MIE INC	1987	NONE	MIRANIB	E1410	$13,750
6220	KS-49635	1264	2028178	NASA	COUNTING SYSTEM, ALPHA/BETA	6625	CANBERRA INDUS F-GEOSCIENCE	2006	01067378	SOLO3006	E1420	$15,000
6220	KS-49635	1264	2028179	NASA	COUNTING SYSTEM, ALPHA/BETA	6625	CANBERRA INDUS F-GEOSCIENCE	2006	01067379	SOLO3006	E1420	$15,000
6220	KS-L71557	6	1661120	NASA	ANALYZER, PORTABLE	6625	TSA SYSTEMS	2005	001	VIO IV	E1420	$15,075
6220	KS-L71557	6	1661121	NASA	ANALYZER, PORTABLE	6625	TSA SYSTEMS	2005	002	VIO IV	E1420	$15,075
6250	KS-K7114	BAY	1134688	NASA	TRUCK, LIFT, FORK, DIESEL, 4K	3930	HYSTER CO F-LEWIS-SHEPARD DIV	1993	C177B14510N	H40XL	E1450	$15,203
6250	KS-K7114	1	1141974	NASA	COMPACTOR, DRUM HYD.	6630	MILWAUKEE METAL PRODUCTS CO	1983	55084RFC	55AR	E1450	$15,328
6220	KS-49635	1264	1383944	NASA	METER, SURVEY, ELECTROMAGNETIC	6665	MIE INC	1995	01051	8718	E1420	$15,717
6250	KS-K7114	1	0866525	NASA	TRUCK, LIFT, FORK, DSL, 5000LB	3930	MITSUBISHI ELECTRIC CORP	1989	AF18A50004	FD25	E1450	$16,248
6210	KS-49635	1214	1124477	NASA	SPECTROPHOTOMETER, INFRARED	6650	MIE INC	1992	700404	MIRAN1BX	E1410	$17,200
6210	KS-49635	1214	1124567	NASA	MONITOR, FIBER, ASBESTOS	6665	MIE INC	1992	7443	FM7400	E1410	$18,500
6210	KS-L71557D	101	1506396	NASA	MONITOR, FIBROUS AEROSOL	6515	MIE INC	1996	7497	FM7400	E1410	$19,750
6250	KS-K7115	1	2160723	NASA	CRUSHER, AEROSOL CAN	3443	TEE MARK CORP	2003	10608	AXR 450	E1450	$19,780
6220	KS-49635	1264	1140953	NASA	COUNTING SYSTEM, ALPHA BETA	6515	MIE INC	1993	079301	G5020-100	E1420	$25,484
6230	KS-L71557	TRUCK	1134029	NASA	PROBE, GEO	6630	MIE INC	1992	9224R1	8M	E1430	$28,600
6230	KS-L71557	TRUCK	1141759	NASA	GEOPROBE	6625	MIE INC	1994	9431P42	4200	E1430	$28,812
6250	KS-K7115	YARD	1124777	NASA	TRUCK, PUMPER, VACUUM TANK	2320	FORD MOTOR CO FORD PARTS	1992	1FDXK84A1PVA00642	F800	E1450	$60,331

Note: Items categorized as Sensitive or over $5000 will be tracked by the MESC contractor in the NEMS database. Reference Clause H.8, Property.

Government Furnished Property - Replaced as Contractor Property -Year 2							J-14
ECN	**ITEM NAME**	**MODEL NUMBER**	**SERIAL NUMBER**	**MANUFACTURER**	**BLDG**	**ROOM**	**COST**
NonSensitive and < $5000							
1980611	DISPLAY UNIT, COLOR	700069EV	17004A794337	GATEWAY COMPANIES INC	KS-M7355	1108	$500
3019765	PRINTER, ADP	B4300	BB44009226A0	OKIDATA CORP	KS-M7355	3214C	$550
2027243	DISPLAY UNIT, COLOR	P992	02040106B	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	2272A	$555
0862474	PRINTER, ALPHANUMERIC	GA44	H15800	METTLER INSTRUMENT CORP	KS-M7355	2297G	$556
0862475	PRINTER, ALPHANUMERIC	GA44	H15795	METTLER INSTRUMENT CORP	KS-M7355	2297G	$556
2030141	DISPLAY UNIT, COLOR, 21"	CPD-E540	8022974	SONY ELECTRONICS INC	KS-49635	1146	$558
1979563	DISPLAY UNIT, COLOR	M770	830AN002J00274	PREMIO COMPUTER INC	KS-M7355	3214D	$600
2026294	COMPUTER, DIGITAL	52XMAX	ESCZ010724	JOHN F KENNEDY SPACE CENTER	KS-49635	1182	$606
1391072	DISPLAY UNIT, COLOR	D2803A	KR53495503	HEWLETT-PACKARD CO	KS-49635	1182	$610
1133557	RECORDER, HUMIDITY-TEMPERATURE	CT485RS110V-W-AL	CT485AL028936P	WHITE BOX INC	KS-NOC		$620
1980632	DISPLAY UNIT, COLOR	21B582BH11	78006880	PHILIPS CONSUMER ELECTRONICS	KS-49635	1146	$879
3059407	PRINTER, ADP	5100CN	F6NJ751	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	3214E	$884
2024839	COMPUTER, DIGITAL	5347AS	0188100673	KDS INCORPORATED	KS-49635	1180	$919
2023319	COMPUTER, DIGITAL	600	NONE	MULTIWAVE TECHNOLOGY INC.	KS-49635	1110A	$967
1980434	COMPUTER, DIGITAL	GS-300	0011141985	GATEWAY COMPANIES INC	KS-M7355	3214D	$1,257
3019714	DISPLAY UNIT, COLOR	NONE	N53341XHNAF	APPLE COMPUTER INC	KS-M71521	1002	$1,263
3059404	COMPUTER, DIGITAL	DHM	DH6QR61	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	2299G	$1,283
3059402	COMPUTER, DIGITAL	DHM	4H6QR61	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	3214C	$1,283

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
NonSensitive and < $5000							
3059403	COMPUTER, DIGITAL	DHM	BH6QR61	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	3214E	$1,283
3019763	COMPUTER, DIGITAL	NMN	7455421413303	COULTER CORP	KS-M7355	3214C	$1,300
3019764	COMPUTER, DIGITAL	545	54500039678	COULTER CORP	KS-M7355	3214C	$1,300
1660611	SERVER, VIDEO	0092-001-01	00408C5144CA	AXIS COMMUNICATIONS	KS-M7355	3245A	$1,300
3019745	COMPUTER, DIGITAL	DHM	33K8M51	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	2270	$1,355
1979550	COMPUTER, DIGITAL	MTP6B	9800044959	PREMIO COMPUTER INC	KS-49635	1158	$1,634
2027204	COMPUTER, DIGITAL	F-2158	TW12603118	HEWLETT-PACKARD CO	KS-49635		$1,648
1871611	PRINTER, ADP	C4120A	USMC000295	HEWLETT-PACKARD CO	KS-M7355	2292C	$1,672
2027242	COMPUTER, DIGITAL	DHM	9YGR611	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	2272A	$1,731
1866557	COMPUTER, DIGITAL	BATC	0006878132	GATEWAY COMPANIES INC	KS-M7355	1108	$1,837
0746689	STERILIZER	C2260	622834-12	BARNSTEAD/THERMOLYNE CORP DIV	KS-NOC		$1,850
2021687	COMPUTER SYSTEM, DIGITAL	PA1260UT2A	185109591	TOSHIBA AMERICAN INFO SYSTEMS	KS-49635	1110A	$1,950
1869252	PRINTER, ADP	C3541A	SUB7407011	HEWLETT-PACKARD CO	KS-M7355	2272	$1,983
2507003	COMPUTER, LAPTOP	LADITUDE*D810	21JRY71	DELL COMPUTER CORP F-PC'S LTD	KS-OFFSITE		$2,049
3019844	COMPUTER, LAPTOP	PCF-691L	3000058	SONY CORP	KS-M7355	3071	$2,050
2506301	DOPPLER, BLOOD FLO SYSTEM	EZ-DOP	LDP40695	COMPUMEDICS, INC	KS-M7355	3210A	$2,100
2030685	COMPUTER, DIGITAL	ANTEC	NONE	MULTIWAVE TECHNOLOGY INC.	KS-49635	1111	$2,135
2023251	COMPUTER, DIGITAL	MINI TOWER	1087281	GATEWAY COMPANIES INC	KS-M7355	2286	$2,151
2026194	STRETCHER, TRANSPORT	721	0105031660	STRYKER CORP MEDICAL PROD'S DV	KS-NOC		$2,160

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
NonSensitive and < $5000							
2027040	COMPUTER, LAPTOP	SC2010	406EP006T025	ELECTROVAYA COMPANY	KS-49635	1142	$2,237
2213647	ICE MAKING MACHINE	EF450A32S	070412880010123	MILE HIGH EQUIPMENT CO	KS-M7355	2272	$2,376
3019544	COMPUTER, DIGITAL	M9032LL/A	YM337150NVR	APPLE COMPUTER INC	KS-NOC		$2,394
1379777	DISPLAY UNIT, 20"	JC202VMA-1	24D20300S	NEC CORP	KS-M7355	3055B	$2,400
0862092	PRINTER	P82AA	08029233	EPSON AMERICA INC	KS-49635	1181	$2,450
2026120	MONITOR, BLOOD PRESURE	506DXNTP2	401419060	CRITICARE SYSTEMS INC	KS-NOC		$2,472
2026121	MONITOR, BLOOD PRESURE	506DXNTP2	401419057	CRITICARE SYSTEMS INC	KS-NOC		$2,472
1393670	COMPUTER, DIGITAL	NEW TOWER	4455747	GATEWAY COMPANIES INC	KS-49635	1182	$2,490
3019843	COMPUTER, LAPTOP	PCG-671L	3106871	SONY CORP	KS-M7355	3071	$2,490
2160657	COMPUTER SYSTEM, DIGITAL	2652-PBU	99ZGBYB	INTERNATIONAL BUSINESS MACHINE	KS-M7355	1105	$2,587
1376498	COMPUTER, DIGITAL	P560	2594888	GATEWAY COMPANIES INC	KS-49635	1111	$2,675
1614029	COMPUTER SYSTEM, DIGITAL	560Z	78AZC75	IBM	KS-49635	1110A	$2,780
2022450	COMPUTER SYSTEM, DIGITAL	PPX	70TIS	DELL COMPUTER CORP F-PC'S LTD	KS-49635	1110A	$2,829
3019545	COMPUTER, DIGITAL	YM339PCTPXD	M9032LL/A	APPLE COMPUTER INC	KS-M71521	1002	$2,994
0871472	RECORDER, VIDEO CASSETTE	V09600	14046	SONY CORP	KS-M7355	2299	$3,186
2213719	ICE MAKING MACHINE	SN0458A	110596900	MANITOWOC CO MANITOWOC EQUIP	KS-M7355	1135	$3,220
0659793	CENTRIFUGE	TJ6R	8082	BECKMAN INSTR SPINCO DIV	KS-NOC		$3,514
0659409	WORK STATION	VBM400	SG20406	BAKER CO INC THE	KS-NOC		$3,920
0659728	CENTRIFUGE	IEC7R	23601714	DAMON CP IEC DV F-INT'L EQUIP	KS-NOC		$3,930

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
NonSensitive and < $5000							
3019767	MICROSCOPE, INVERTED	CKX41	4D04546	OLYMPUS AMERICA INC	KS-NOC		$4,088
2213197	COMPUTER, DIGITAL	150	1075760	VITEK RESEARCH	KS-M7355	3213	$4,122
3019768	COMPUTER, LAPTOP	CF-29	CF29DTKGXKM	PANASONIC	KS-M7355	3055	$4,160
1127666	RECORDER, THERMAL	WR7700	2050460	GRAPHTEC CORP	KS-M7355	2297J	$4,800

Government Furnished Property - Replaced as Contractor Property -Year 2							J-14
ECN	**ITEM NAME**	**MODEL NUMBER**	**SERIAL NUMBER**	**MANUFACTURER**	**BLDG**	**ROOM**	**COST**
Sensitive or ≥ $5000							
0864501	RECEIVER, TELEVISION	SS-2010	7002297	SONY CORP	KS-M7355	2299G	$500
1981737	RECEIVER. TELEVISION	CCZ256AT31	12118972	PHILLIPS MFG CO	KS-M71521	1013	$530
1660311	CAMCORDER	DCRTV130	71142	B & H ELECTRONICS CO	KS-49635	1135	$550
0872207	RECEIVER, AUDIO, VIDEO	KR-V8010	00130677	KENWOOD CORP	KS-K61096	1301	$589
0872206	RECEIVER, AUDIO, VIDEO	KR-V8010	91031151	KENWOOD CORP	KS-M7355	1108	$589
0764804	RECORDER	4204	204771	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
0764805	RECORDER	4204	204772	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
0764806	RECORDER	4204	204772	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
0764808	RECORDER	4204	204773	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
0764809	RECORDER	4204	204774	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
0764810	RECORDER	4204	204779	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
0764811	RECORDER	4204	204778	COLE-PARMER INSTRUMENT CO	KS-49635	1158	$595
1375516	PRINTER, ADP	SP2000AS	0506237	ORION RESEARCH INC	KS-49635	1181	$595
1659870	CAMERA, VIDEO	PC66038	3018	SANDPIPER TECHNOLOGIES, INC	KS-49635	1123	$599
1659871	CAMERA, VIDEO	PC66038	3019	SANDPIPER TECHNOLOGIES, INC	KS-49635	1123	$599
0861568	RECEIVER, RADIO FREQUENCY	TRX 1000S	2-88-991	WILDLIFE MATERIALS INC	KS-M71521	1102	$650
0861569	RECEIVER, RADIO FREQUENCY	TRX 1000S	2-880992	WILDLIFE MATERIALS INC	KS-M71521	1102	$650

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
0869857	RECEIVER, RADIO TELEMETRY	TRX1000S	7-892073	WILDLIFE MATERIALS INC	KS-M7355	3114B	$650
0869858	RECEIVER, RADIO TELEMETRY	TRX1000S	7-892072	WILDLIFE MATERIALS INC	KS-M7355	3114B	$650
2506221	CAMERA, DIGITAL	PC1089	9021103642	CANON INC	KS-M7355	2272	$695
1661748	CAMERA, VIDEO	PC6606.0EX	3020	SANDPIPER TECHNOLOGIES, INC	KS-49635	1130	$699
1033703	RECEIVER, RADIO	TRX1000S	4-91 3937	WILDLIFE MATERIALS INC	KS-49635	1146	$700
1033702	RECEIVER, RADIO	TRX1000S	4-91 3938	WILDLIFE MATERIALS INC	KS-M71521	1102	$700
2191246	RECEIVER, RADIO	TRX1000S	4-91 3939	WILDLIFE MATERIALS INC	KS-M7355	3106D	$700
1614067	CAMERA, DIGITAL	DC210	EKK91102027	EASTMAN KODAK CO	KS-M7355	2297A	$712
1660286	CAMERA, DIGITAL	E990	20245205	NIKON CORP	KS-M7355	1135	$740
1660327	CAMERA, DIGITAL	E995	3536140	NIKON CORP	KS-M7355	3025	$930
1613623	CAMERA, DIGITAL	MVCFD91	98110	SONY CORP	KS-M7355	3071	$940
0864488	RECEIVER, TELEVISION, COLOR	PVM 8220	5009250	SONY CORP	KS-M7355	2299	$1,038
1660326	CAMCORDER, DIGITAL	DCR-PC9	1340787	SONY CORP	KS-49635	1110A	$1,050
1375913	CAMERA, BURROW, TORTOISE	FDM402A	9036269	UNKNOWN (VERIFIED)	KS-M71521	1102	$1,200
0044698	TRANCEIVER, HANDHELD	H99SA052H	654AUQ0146	MOTOROLA COMMUNICATIONS GROUP	KS-49635	1143	$1,236
2506324	TRANCEIVER, HANDHELD	H99SA052H	654AUQ0149	MOTOROLA COMMUNICATIONS GROUP	KS-49635	1143	$1,236
0816528	TRANSCEIVER, SABER	H99SA+052H	654ARS0512	MOTOROLA COMMUNICATIONS GROUP	KS-49635	1122	$1,322
1642595	CAMERA, VIDEO, CAMCORDER	DCRTRV315	1008919	SONY CORP	KS-49635	1110A	$1,381

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
1393518	CAMERA, BURROW, TORTOISE	FDM402	9039305	SOUTHERN ECOSYSTEMS RESEARCH	KS-M7355	3106	$1,400
1660491	CAMERA, DIGITAL	DS6031	0720308610	CANON INC	KS-M71521	1007	$1,500
2026137	CAMERA, DIGITAL	EVI-D30	160989	INDUSTRIAL SECURITY	KS-M7355	3245C	$2,000
1614098	CAMERA, DIGITAL	E950	355593	NIKON CORP	KS-49635	1110A	$2,050
0816298	CAMERA, MICROSCOPE	PM10AK	440010	OLYMPUS OPTICAL CO LTD	KS-NOC		$3,057
1660289	RECEIVER, GPS	NONE	0220225347	TRIMBLE NAVIGATION LTD	KS-49635	1134	$3,495
2160471	REFRIGERATOR/FREEZER	425DA	211N0002	FISHER SCIENTIFIC CO	KS-NOC		$3,538
1127632	FREEZER, LABORATORY	ULT390-5ABA	V07B122713VB	RHEEM MFG SCIENT PROD(SCHERER)	KS-NOC		$3,884
1614030	CAMERA, COLOR	HVC20	8073677	HITACHI AMERICA LTD	KS-M7355	2270	$3,943
2030680	ANALYZER, CLINICAL	ISTAT1	302558	ISTAT CORP	KS-M7355	3214E	$5,025
1133398	TREADMILL	ST2000	207991	UNISEN INC	KS-M7355	1108	$5,041
1133399	TREADMILL	ST2000	207992	UNISEN INC	KS-M7355	1108	$5,041
1121028	MICROSCOPE	CK2	106038	OLYMPUS OPTICAL CO LTD	KS-M7355	3214D	$5,146
1133411	MICROSCOPE	SZH10	128209	OLYMPUS OPTICAL CO LTD	KS-M7355	2297G	$5,454
2027556	STERILIZER,HIGH PRESSURE STEAM	SM300	B06000033	YAMATO SCIENTIFIC CO LTD	KS-M7355	3213	$5,507
1374172	FREEZER, MECHANICAL	ULT21757ABA	P09D159540PD	RHEEM MFG SCIENT PROD(SCHERER)	KS-M7355	HALL	$5,600
1378962	STAND, MICROSCOPE, W/LAMP	BHTU	229279	OLYMPUS OPTICAL CO LTD	KS-M7355	2274A	$5,613
3019748	SCRUBBER, GLASSWARE, FLASK	44220410	040925804N	LABCONCO CORP	KS-M7355	2268	$5,619

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
0240206	FUME HOOD, PERCHLORIC	93-480	NONE	FISHER SCIENTIFIC CO	KS-49635	1151	$5,735
2022447	RECORDER, VIDEO, SURVEILLANCE	AG-1070	B0TB00035	PANASONIC	KS-49635	1111	$5,828
0659387	CALIBRATOR	1009MC	090	DASIBI ENVIRONMENTAL CORP	KS-49635	1158	$5,840
3019458	SERVER	SCL	CXZ7J31	DELL COMPUTER CORP F-PC'S LTD	KS-M7355	3071	$5,881
1039935	FREEZER, BIOLOGICAL	V1786DUA	SA-100666	RHEEM MFG SCIENT PROD(SCHERER)	KS-M7355	2299	$5,919
3019744	FLUOROMETER	7000-000	7-1672-CE	TURNER DESIGNS	KS-49635	1182	$5,951
3019904	REFRIGERATOR, LABORATORY	REL5004A20	P170-103997	KENDRO LABATORY PRODUCTS GMBH	KS-M7355	3213	$5,959
1126671	TREADMILL	Q55	0308-001-1696	QUINTON INSTRUMENT CO	KS-M7355	2299	$5,962
1980543	MOTOR, OUTBOARD	1135483VD	0G871223	MERCURY MARINE DIV OF	KS-49635	OUT	$5,972
2027505	CENTRIFUGE	5810R	04186	EPPENDORF GERAETEBAU NETHELER	KS-M7355	2299F	$5,980
2027464	CENTRIFUGE	5810R	581104900	EPPENDORF GERAETEBAU NETHELER	KS-M7355	2299G	$5,980
2023457	BENCH, FLOW, LAMINAR	NU425600	15134091100	NUAIRE INC	KS-M7355	3213	$5,980
0659384	PHOTOMETER	1008AH	2312	DASIBI ENVIRONMENTAL CORP	KS-49635	1158	$6,025
0748645	MICRO-CRYOSTAT	IEC3398	33981859	ALLIED CHEMICAL OF ALLIED CP	KS-49635	1181	$6,050
2022214	REFRIGERATOR	17805A18	P09K-476720-PK	RHEEM MFG SCIENT PROD(SCHERER)	KS-M7355	2268	$6,082
2213130	REFRIGERATOR, LABORATORY	REL5004A21	W05R-124781-WR	THERMO ELECTRON CORP	KS-M7355	3211	$6,159
1867439	FLOWBENCH, PORTABLE	800	1677	CAPTAIR LABX INC	KS-M7355	2289F	$6,166
0659386	ANALYZER	48	ACM13774141	THERMO ELECTRON CORP	KS-49635	1158	$6,384

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
0659850	ANALYZER	48	AM14667148	THERMO ELECTRON CORP	KS-L71759	OUTSD	$6,384
0866636	GOGGLES	M802	1388	LITTON SYS GUIDANCE & CONTROL	KS-49635	1143	$6,395
0165686	MAINFRAME, RACK MOUNTABLE	100081	1437	CLIMATRONICS CORP	KS-L71759	OUTSD	$6,580
2026122	MONITOR, BLOOD PRESSURE	202	01145001	PROTOCOL SYSTEMS	KS-M7355	2229	$6,617
3019472	FREEZER UNIT, ULTRALOW	ULT1090-5-A31	K06N-202957XN	KENDRO LABATORY PRODUCTS GMBH	KS-M7355	2299	$6,689
0659846	FLOWMETER	20	30084	K-V ASSOCIATES INC	KS-49635	1174	$6,825
2160649	MOTOR, OUTBOARD	BF75A	BBAL-4410395	HONDA MOTOR CO LTD	KS-49635	OUT	$6,850
2027252	BOAT, PATROL	24DLX	EKHA2061F203	CAROLINA SKIFF	KS-49635	OUT	$6,885
2022129	PROJECTOR	DP9250	G9207065	PROXIMA CORP	KS-M7355	3055D	$6,962
2023434	INCUBATOR	NU2700	15063090500	NUAIRE INC	KS-M7355	3213	$6,974
3020303	CABINET, LAMINAR FLOW	NU-425-600	925540504	NUAIRE INC	KS-M7355	2272	$7,043
2030688	DEFIBRILLATOR/MONITOR, LP12	VLP12-02-003150	30417318	MEDTRONIC PHYSIO-CONTROL CORP	KS-M7355	2229	$7,045
2030689	DEFIBRILLATOR/MONITOR, LP12	VLP12-02-003150	30417320	MEDTRONIC PHYSIO-CONTROL CORP	KS-M7355	3219B	$7,045
2030690	DEFIBRILLATOR/MONITOR, LP12	VLP12-02-003150	30417319	MEDTRONIC PHYSIO-CONTROL CORP	KS-M7355	3289A	$7,045
1000763	CALIBRATOR, OZONE	49PS	49PS-29853-236	THERMO ENVIRONMENTAL INSTR INC	KS-L71557	PAMSA	$7,056
1516167	CALIBRATOR, MULTIGAS	146	56247309	THERMO ENVIRONMENTAL INSTR INC	KS-L71759	OUTSD	$7,101
2026249	MICROSCOPE	SZX-ILLD100	1C06339	OLYMPUS OPTICAL CO LTD	KS-M7355	3214D	$7,105
2027229	FLUORMETER, LEIF CHAMBER	6400-40	LCF-153	LI-COR INC F-LAMBDA INSTR	KS-49635	1135	$7,200

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
2022140	VEHICLE, ALL TERRAIN	TRX450ESW	478TE2246WA003832	AMERICAN HONDA MOTOR CO INC	KS-66232	WHSE	$7,263
1000762	ANALYZER, OZONE	49	49-29422-234	THERMO ENVIRONMENTAL INSTR INC	KS-49635	1111	$7,605
3019824	UTILITY VEHICLE, ALL TERRAIN	KAF620E	FD620DE339660	KAWASAKI MOTORS CORP USA	KS-49635	OUT	$7,636
0862822	CENTRIFUGE, REFRIGERATED	3000I	88/1601D	CURTIN MATHESON SCIENTIFIC INC	KS-M7355	3213	$7,651
1505880	CABINET,BIO-SAFETY ANIMAL CHNG	NU602400	68840ADU	NUAIRE INC	KS-M7355	2297G	$7,748
1379819	ANALYZER, OZONE	49	46496276	THERMO ENVIRONMENTAL INST INC	KS-L71759	OUTSD	$7,794
1375517	CHANGER, SAMPLER	960SC	85R114N08	ORION RESEARCH INC	KS-49635	1181	$7,795
2027253	MOTOR, BOAT	BF115A	BZBD1300231	HONDA MOTOR CO LTD	KS-49635	OUT	$7,800
0268185	ANALYZER, SULFUR DIOXIDE	43A	43A20205189	THERMO ELECTRON CORP	KS-L71759	OUTSD	$7,952
3020304	INCUBATOR, DUAL CHAMBER	NU-8700	92498080404	NUAIRE INC	KS-M7355	2272	$7,962
2029894	ULTRASOUND SYSTEM	P0252205	0301CC	SONOSITE INC	KS-M7355	3055D	$8,036
0871944	TREADMILL	Q65	0221-008-1628	QUINTON INSTRUMENT CO	KS-M7355	2291B	$8,267
1033634	MICROSCOPE	BH2	216030	OLYMPUS OPTICAL CO LTD	KS-M7355	2299G	$8,317
1000922	ANALYZER, NITROGEN OXIDE	42	42-30266-237	THERMO ENVIRONMENTAL INSTR INC	KS-49635	1158	$8,361
1126967	COMPUTER, DIGITAL	SPIRIT SYSTEM	EBW9200216	NICOLET INSTRUMENT CORP	KS-M7355	3055B	$8,373
1516622	ANALYZER, C0	48C	56699309	THERMO ENVIRONMENTAL INSTR INC	KS-49635	1158	$8,397
0871130	MICROSCOPE	BH2	213797	OLYMPUS OPTICAL CO LTD	KS-49635	1182	$8,564
2029895	TRANSDUCER	P0246103	020BR6	SONOSITE INC	KS-M7355	3055D	$8,610

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
0872083	READER, MICROPLATE	E5002	E08189	MOLECULAR DEVICES CORP.	KS-M7355	2272	$8,695
1980511	DEFRIBRILLATOR	80546016	1169138	MEDTRONIC PHYSIO-CONTROL CORP	KS-M7355	3289A	$8,790
1374121	ANALYZER, CARBON DIOXIDE	LI6262	IRG3-455	LI-COR INC F-LAMBDA INSTR	KS-NOC		$8,835
1516621	ANALYZER	42C	56580309	THERMO ENVIRONMENTAL INSTR INC	KS-L71759	OUTSD	$8,861
0659313	MICROSCOPE	BH2	207463	OLYMPUS AMERICA INC	KS-M7355	2272A	$8,943
0865840	TREADMILL	Q65	00221-008-1494	QUINTON INSTRUMENT CO	KS-M71521	1102	$9,075
0659791	MICROSCOPE	910137	3800980030	ZEISS CARL INC	KS-M7355	3214C	$9,080
1980460	NAVIGATION SYSTEM	TSC1	0220136090	TRIMBLE NAVIGATION LTD	KS-49635	1134	$9,095
1375518	ANALYZER, TITRATOR	960	3200	ORION RESEARCH INC	KS-49635	1181	$9,600
0104951	DISH-FILLING MACHINE, POURMATI	MP-320	980414365	NEW BRUNSWICK SCIENTIFIC CO	KS-M7355	2270	$9,750
1505063	FLOW BENCH, PORTABLE	1200	1674	CAPTAIR DFS INC	KS-M7355	2289F	$9,916
2161407	METER, CURRENT	AXR33000	NONE	SONTEK INDUSTRIES INC	KS-49635	1147	$9,950
1127664	RECORDER, THERMAL	WR5000	2050515	GRAPHTEC CORP	KS-M7355	2299	$9,990
1127665	RECORDER, THERMAL	WR5000	2031005	GRAPHTEC CORP	KS-M7355	2299	$9,990
1120780	ELECTROCARDIOGRAPH UNIT	MAC VU	J1LR0209F	MARQUETTE ELECTRONICS INC	KS-M7355	3214	$10,866
0863679	GAMMA COUNTER, BENCH TOP	B5412	100358	PACKARD INSTRUMENT CO INC	KS-M7355	3214D	$10,877
1133397	CENTRIFUGE, REFRIGERATED	CR4-22	29210231	JOUAN INC	KS-M7355	2299F	$11,440
1374204	TEST SET, SOIL MOISTURE	6050X1	1368	SOILMOISTURE EQUIPMENT CORP	KS-TR1634	1	$11,554

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or $5000							
1142371	READER, MICROPLATE	THERMOMAX	UVT06251	MOLECULAR DEVICES CORP	KS-M7355	2272	$12,795
0162438	MICROSCOPE, OPTICAL	IMT-2	602103	OLYMPUS OPTICAL CO LTD	KS-49635	1182	$12,850
3019940	COMPUTER, DIGITAL	7564CXPRO-AV	1S7564CK-AV00430	RADISYS CORP.	KS-M7355	3214E	$13,385
0417344	WASHER	3000	34123	VERNITRON CP F-BIO/SYSTEMS	KS-49635	1170	$13,439
0865594	CHROMATOGRAPH, GAS	10S70	6180285	PHOTOVAC INC	KS-49635	1182	$13,439
2027240	MICROPROCESSOR	AP-4000	02010078	ADVANCED INSTRUMENTS INC	KS-M7355	2272	$13,714
2160536	PREPARATOR, MEDIA	S8000	22420446	AES LABORATOIRE	KS-M7355	2268	$13,950
1391071	SPECTROPHOTOMETER	DU600	4320132	BECKMAN INSTRUMENTS INC	KS-49635	1182	$14,463
2023250	MICROSCOPE STAGE, MOTORIZED	H101BHMP	16723	PRIOR SCIENTIFIC INSTRUMENTS	KS-M7355	2270	$14,840
1373309	INCUBATOR, READER	513001-12	DCSA3248	VITEK SYSTEMS INC	KS-M7355	3213	$15,000
2030682	SERVER	3642-1RU	23A0804	INTERNATIONAL BUSINESS MACHINE	KS-M7355	304	$15,770
2022141	BOAT, FIBERGLASS	GUARDIAN	BWC7690EF191	BOSTON WHALER, INC	KS-49635	OUT	$16,194
2027241	COUNTER, AUTOMATED	510	02040106B	ADVANCED INSTRUMENTS INC	KS-M7355	2272A	$17,000
1373310	SEALER, FILLER	511002-2	SPSA3249	VITEK SYSTEMS INC	KS-M7355	3213	$17,000
2023254	CONTROL MODULE	CHEM PREPS	99135327	TECHNOLOGY PARTNERSHIP	KS-M7355	2270	$21,000
2027227	GAS EXCHANGE SYSTEM	LI-COR-6400	PSC PSH 1068	LI-COR INC F-LAMBDA INSTR	KS-49635	1135	$21,650
1033880	ANALYZER, TOTAL ORGANIC CARBON	DC190	HK5358	DOHRMANN DIV, ROSEMOUNT INC	KS-49635	1181	$23,773
2023253	LASER, MICROBIOLOGY	LASER	090A	TECHNOLOGY PARTNERSHIP	KS-M7355	2270	$25,000

ECN	ITEM NAME	MODEL NUMBER	SERIAL NUMBER	MANUFACTURER	BLDG	ROOM	COST
Sensitive or ≥ $5000							
1132542	CHROMATOGRAPH	10S PLUS	TB920054	PHOTOVAC INC	KS-49635	1182	$25,024
3059815	SHELTER, MOBILE	8818	3666-1	EKTO MANUFACTURING CORP	KS-L71759	OUTSD	$30,470
2027549	GAS EXCHANGE SYSTEM	LI-6400	PSC-1112	LI-COR INC F-LAMBDA INSTR	KS-NOC		$34,500
2027256	ANALYZER, GAS, METABOLIC	K4B2	200205422	COSMED SRL	KS-M7355	3117B	$35,000
3019471	STERILIZER, STEAMING	522LS	03K04398	GETINGE/CASTLE INC	KS-M7355	2268	$35,469
2021686	SPECTRORADIOMETER	FSP3502500P	6160	ANALYTICAL SPECTRAL DEVICES	KS-49635	1182	$62,392
3019939	CLINICAL SYSTEM, W/ANALYZER	CX5 PRO	10659/3540	BECKMAN COULTER INC	KS-M7355	3214E	$69,515
3019762	ANALYZER, HEMATOLOGY	LH500	AH26282	COULTER CORP	KS-M7355	3214C	$69,730
2023252	ANALYZER, MICROBIOLOGY	SCAN RDI	090	TECHNOLOGY PARTNERSHIP	KS-M7355	2270	$141,840

Note: Items categorized as Sensitive or over $5000 will be tracked by the MESC contractor in the NEMS database. Reference Clause H.8, Property.

ATTACHMENT J-15
PERFORMANCE STANDARDS

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

Performance Standards Summary
Standards, Acceptable Levels of Performance (ALPs)

Task	PWS Section	Minimum Acceptable Performance	Method of Surveillance
Compliance. Compliance with Federal, State and Local Regulations.	1.4.2	100% compliance of Federal, State and Local Regulations.	Metrics, Periodic Inspections, Audits
Timeliness, DRD delivery,	1.1.f, et. al.	100% delivery of DRD's specified in the PWS	MIS
Timeliness/Quality Work plans and procedures	1.1.b	Administrative plans, procedures, policies, are in place within 180 days of contract start	Document review
Compliance/Timeliness	1.7.3	IT Security compliance for all Contractor provided IT systems	Document review
Quality/Accuracy Cost Control	1.5.1	Monthly accrual estimates 95% accurate to actual reported costs	MIS (contractor generated) and Audit
Quality/Accuracy Cost Control	1.5.1	No un-reconciled gaps between the Negotiated Estimated Cost (NEC) and actual costs per period	MIS (contractor generated), And Audit
Safety Performance Data	1.4.2	0 Type A or B Mishaps, TCIR and DARCIR below SIC code average, Lost time and Recordable injury rates below the KSC 3 year contractor average	Metric and MIS review

Task	PWS Section	Minimum Acceptable Performance	Method of Surveillance
Timeliness. Medical Certification Turnaround time.	**2.3.1 (a)**	The time required to process a medical certification following completion of medical evaluation shall be less than 60 days	MIS (contractor generated)
Timeliness/Quality. Patient satisfaction.	**2.3.1**	In a rating scale of 1 - 5, average rating 4 or better	Customer Feedback
Quality. Conformance with Medical Quality Assurance Program.	**2.1 (e)**	No significant non-conformances per quarter.	MIS (contractor generated)
Quality. Medication Inventory Discrepancies	**2.3.1 (o, p)**	No DEA classified controlled drug inventory discrepancies.	MIS, Periodic Inspections
Timeliness. Aerospace Medical Packages.	**2.6 (c)**	Medical Packages to be prepared at least 5 days prior to spacecraft launch, landing, TCDT or contingency simulation exercise.	Periodic Inspection
Timeliness. Medical Education Program.	**2.12**	Completion of program checklist and participant evaluation within 30 days upon participant conclusion of program.	Periodic Inspection
Timeliness. On-call response.	**3.1**	Off-shift response within two hours from notification.	Contractor generated metric. Customer feedback.
Quality. Technical reports meet customer expectations.	**3.1.c.**	95% customer satisfaction with technical reports.	Customer feedback. Contractor generated metric.
Timeliness. Mishap investigation.	**3.4.e**	Initiate investigation of employee exposures within 24 hrs of notification	Contractor generated metric.

Task	PWS Section	Minimum Acceptable Performance	Method of Surveillance
Timeliness. Employee complaint investigations.	**3.4.f**	98% follow-up to all reported complaints within 30days.	Customer feedback. Contractor generated metric.
Timeliness. Non-recurring work	**3.4**	95% of non-recurring work shall be performed in accordance with schedule negotiated with customers.	Customer feedback. Contractor generated metric.
Timeliness. Recurring work.	**3.4**	95% of recurring work shall be performed per documented schedule.	Contractor generated metric.
Timeliness. Customer reports.	**3.4**	95% of reports to customers shall be delivered within 10 working days after task completion.	Customer feedback. Contractor generated metric.
Timeliness. Health hazards evaluation turnaround time.	**3.4**	The number of days between starting a hazard evaluation and completion of the evaluation will be equal or less than the historical two-year average.	Contractor generated metric.
Timeliness. Non-recurring work	**3.5**	95% of non-recurring work shall be performed in accordance with schedule negotiated with customers.	Customer feedback. Contractor generated metric.
Timeliness. Non-recurring work	**3.6**	95% of non-recurring work shall be performed in accordance with schedule negotiated with customers.	Customer feedback. Contractor generated metric.
Timeliness. Recurring work.	**3.6**	95% of recurring work shall be performed per documented schedule.	Contractor generated metric.
Timeliness. Customer reports.	**3.6**	95% of reports to customers shall be delivered within 10 working days after task completion.	Customer feedback. Contractor generated metric.

Task	PWS Section	Minimum Acceptable Performance	Method of Surveillance
Timeliness. HP hazards evaluation turnaround time.	**3.6**	The number of days between starting a hazard evaluation and completion of the evaluation will be equal or less than the historical two-year average.	Contractor generated metric.
Timeliness. PLM turnaround time.	**3.7**	95% of Polarized Light Microscopy (PLM) bulk material analyses will be reported to customers wiithin10 working days of sample submission	Customer feedback. Contractor generated metric.
Timeliness. PCM turnaround time.	**3.7**	95% of Phase Contrast Microscopy (PCM) clearance samples shall be reported to customers within 24 hours of sample submission.	Customer feedback. Contractor generated metric.
Timeliness. Routine Hazardous Waste Characterization	**4.5.1(a)**	Respond to a routine hazardous waste characterization within 14 workdays from the date of request.	Customer Feedback, Management Information Systems
Timeliness. Emergency Hazardous Waste Characterization	**4.5.1(a)**	Respond to an emergency hazardous waste characterization within one workday from the date of request.	Customer Feedback, Management Information Systems
Timeliness. Routine Waste Pickup/Removal	**4.5.1(f)**	Respond to a routine waste pickup/removal request within 10 calendar days from the date of request.	Customer Feedback, Management Information Systems

Task	PWS Section	Minimum Acceptable Performance	Method of Surveillance
Timeliness. Emergency Waste Pickup/Removal	**4.5.1(f)**	Respond to an emergency waste pickup/removal request within 2 hours from the time of request.	Customer Feedback, Management Information Systems
Timeliness. Post-emergency Spill Clean-up	**4.5.2**	Provide post-emergency spill clean-up within one workday of notification.	Customer Feedback, Management Information Systems
Timeliness. Environmental Compliance Sampling, Analysis and Monitoring Reports	**4.6.1**	95% of reports completed and submitted to Government on time.	Metric
Timeliness. Routine Waste Characterization Sampling	**4.6.2**	Respond to a routine waste sampling request within 5 workdays from the date of request.	Customer Feedback, Management Information Systems
Timeliness. Emergency Waste Characterization Sampling	**4.6.2**	Respond to an emergency waste sampling request within 2 hours from the time of request.	Customer Feedback, Management Information Systems
Timeliness. Routine Waste Characterization Sample Analysis	**4.6.2**	Provide analysis for a routine waste characterization sample within 14 days from sampling date.	Customer Feedback, Management Information Systems

Task	PWS Section	Minimum Acceptable Performance	Method of Surveillance
Timeliness. Emergency Waste Characterization Sample Analysis	**4.6.2**	Provide analysis for a emergency waste characterization sample within 72 hours from sampling date.	Customer Feedback, Management Information Systems
Timeliness Website updates	**5.0**	100% compliance with updating the website within 4 hours of request for emerging health issues and alerts.	Audit
Timeliness/Quality Center health program assessments	**5.0**	100% compliance with Center assessment results entered into database within 10 days post site visit.	Audit

ATTACHMENT J-16
STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES

FOR

MEDICAL AND ENVIRONMENTAL SUPPORT CONTRACT (MESC)

STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES
ATTACHMENT J-16

NON-REPRESENTED EMPLOYEES

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

Administrative Assist III (General Clerk III)	$11.38
Administrative Assist IV (General Clerk IV)	$12.77
Human Resource Assistant IV (Personnel Assistant IV)	$15.93
Human Resource Assistant III (Personnel Assistant III)	$14.29
Computer Operator III	$15.93
Computer Operator IV	$17.70
Computer Operator V	$19.60
Computer Systems Analyst II	$26.20
Electronics Technician II	$20.67
Accounting Clerk I	$10.33
Accounting Clerk II	$11.38
Accounting Clerk III	$12.77
Accounting Clerk IV	$14.29
Cartographic Technician	$17.70
Emergency Medical Technician	$14.29
Laboratory Tech	$15.93
Medical Records Clerk	$12.77
Secretary I	$12.77
Secretary II	$14.29
Secretary III	$15.93
Secretary IV	$17.70
Word Processor I	$11.38
Word Processor II	$12.77
Word Processor III	$14.29
General Clerk I	$8.98
Truck Driver, Light Truck	$18.26
Shipping/Receiving Clerk	$14.55
Inspector (FGE)*	$15.80
Supply Clerk	$14.55
Order Clerk II	$11.38
Truck Driver, Medium Truck	$18.26
Inspector (FGE)*	$19.47
Engineering Support Specialist (Engineering Technician I)	$11.38
Environmental Engineer	$36.14
Environmental Specialist	$17.13
Professional Engineer	$30.39
Wellness Coordinator	$23.08
Physician (Staff Physician)	$50.23
Physician Assistant	$25.35
Nurse Practitioner	$25.35
Fitness Trainer (Athletic Trainer)	$20.95
Employee Assistance Program Counselor (EAP Administrator)	$25.35
Musculoskeletal Rehabilitation (Athletic Training) Therapist	$20.95
Health Training Administrator	$25.35
Chief Nurse	$25.35
OHF Coordinator	$30.39
Quality Programs Coordinator EHF	$30.39
Laboratory Services QA Officer	$36.14
Medical Logistician (Medical Technologist)	$20.95
Workers Compensation Case Manager	$23.08
Microscopist (Laboratory Technician)	$15.93
Senior Analyst	$30.39
Industrial Hygienist	$30.39
Health Physicist	$30.39
Sanitarian	$25.35
Safety Engineer	$20.95
Safety Specialist	$17.13

Information Technology Specialist	$20.95

NON-REPRESENTED EMPLOYEES

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

Systems Analyst	$20.95
Contract Administrator	$20.95
Support Specialist	$20.95
Financial Analyst Planner	$17.13
Life Sciences Project Specialist	$36.14
Contract Specialist	$20.95
Aerospace Nurse	$25.35
Research Physiologist	$36.14
Exercise Technician	$11.38
Fitness Professional	$13.83
Engineering Technician II	$12.77
Engineering Technician III	$14.29
Engineering Technician IV	$17.70
Medical Technologist	$20.95
Senior Environmental Microbiologist	$30.39
Environmental Microbiologist	$20.95
Geographer (Physical Scientist)	$25.35
Plant Physiologist	$25.35
Field Technologist	$20.95
Wildlife Ecologist	$20.95
Fisheries Ecologist	$20.95
Aquatic Biologist	$25.35
Microbiologist	$20.95
Programmer	$20.95
Database Developer	$25.35
Environmental Scientist	$25.35
Computer Scientist	$25.35
Conference Event Coordinator (Administrator)	$20.95
Clinical Applications Coordinator	$23.08
Health Information Specialist (Environmental Health Specialist)	$13.83
Information Management Specialist	$25.35
Occupational Health Nurse	$23.08
Physician Consultant	$50.23
Wildlife Ecologist	$20.95
Air Quality Specialist	$25.35
Physical Geographer	$30.39
Ecologist	$20.95
Wildlife Biologist	$25.35
Research Biologist	$25.35
Remote Sensing Analyst	$30.39
Scientist 1 – Ecology	$25.35
Field Biologist	$25.35
Environmental Technician	$17.70
Scientist 1	$25.35

*Federal Grade Equivalency (FGE) is usually one grade above the class that performs the work being inspected.

STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES
ATTACHMENT J-16

UNION REPRESENTED EMPLOYEES

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

Environmental Health Specialist	CBA
Laboratory Technician	CBA
Hazardous Waste Technician	CBA
Medical Clerk	CBA
Nurse RN	CBA
Nurse RN/COHN	CBA
Nurse RN (CRN or CEN)	CBA

Note: CBA – Collective Bargaining Agreement

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

Fringes for Federal Hires are as follows (Except CBA's, which would be in accordance with the respective CBA):

1. Paid holidays: New Year's Day, Martin Luther King's birthday, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving, and Christmas Day.

2. Annual Leave: Two hours of annual leave each week for an employee with less than three years service; three hours of annual leave each week for an employee with three but less than fifteen years of service; and four hours of annual leave each week for an employee with fifteen or more years of service.

3. Sick Leave: Two hours of sick leave each week.

4. Life, accident and health insurance programs: Government pays 33.3% of cost for basic life insurance; workman's compensation covers 100% of accident; and depending on health plan chosen, Government pays up to 75% of health insurance.

5. Retirement: Employees covered under CSRS – 7% of annual rate. Employees covered under FERS - .08 basic retirement plus 1% TSP contribution and up to 4% more matching TSP contribution.

K.1 FAR 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions 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 the 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

A. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) PROVISIONS:

CLAUSE NUMBER	DATE	TITLE
52.203-11	SEP 2005	CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.222-38	DEC 2001	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS
52.223-4	OCT 1997	RECOVERED MATERIAL CERTIFICATION

B. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18) PROVISIONS:

CLAUSE NUMBER	DATE	TITLE
N/A		

C. THE FOLLOWING DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (DFARS) PROVISIONS APPLY TO THIS CONTRACT:

CLAUSE NUMBER	DATE	TITLE
252.209-7001	OCT 2006	Disclosure of Ownership or Control by the Government of a Terrorist Country
252.209-7002	JUN 2005	Disclosure Of Ownership Or Control By A Foreign Government
252.227-7017	JUN 1995	Identification and Assertion of Use, Release, or Disclosure Restrictions

(End of clause)

K.2 FAR 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS. (JAN 2006)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 621111.

(2) The small business size standard is 9.0 million.

(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 clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (c) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (c) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

[ ] (i) Paragraph (c) applies.

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

(c) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at http://orca.bpn.gov. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically 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 ORCA.

(End of provision)

K.3 FAR 52.209-5 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS. (DEC 2001)

(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, or receiving stolen property; 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.

(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) Principals, for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (*e.g.*, general manager; plant manager; head of a subsidiary, 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.4 FAR 52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS. (FEB 1999)

The offeror represents that -

(a) It [ ] has, [ ] has not participated in a previous contract or subcontract subject the Equal Opportunity clause of this solicitation;

(b) It [ ] has, [ ] has not filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

(End of provision)

K.5 FAR 52.222-25 AFFIRMATIVE ACTION COMPLIANCE. (APR 1984)

The offeror represents that -

(a) It [ ] has developed and has on file, [ ] has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2); or

(b) It [ ] has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(End of provision)

K.6 FAR 52.223-13 CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING. (AUG 2003)

(a) Executive Order 13148, of April 21, 2000, Greening the Government through Leadership in Environmental Management, requires submission of this certification as a prerequisite for contract award.

(b) By signing this offer, the offeror certifies that -

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of

EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons: (*Check each block that is applicable.*)

___ (i) The facility does not manufacture, process, or otherwise use any toxic chemicals listed in 40 CFR 372.65;

___ (ii) The facility does not have 10 or more full-time employees as specified in section 313(b)(1)(A) of EPCRA, 42 U.S.C. 11023(b)(1)(A);

___ (iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);

___ (iv) The facility does not fall within the following Standard Industrial Classification (SIC) codes or their corresponding North American Industry Classification System sectors:

(A) Major group code 10 (except 1011, 1081, and 1094.

(B) Major group code 12 (except 1241).

(C) Major group codes 20 through 39.

(D) Industry code 4911, 4931, or 4939 (limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce).

(E) Industry code 4953 (limited to facilities regulated under the Resource Conservation and Recovery Act, Subtitle C (42 U.S.C. §6921, et seq.), 5169, 5171, or 7389 (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis); or

___ (v) The facility is not located in the United States or its outlying areas.

(End of provision)

K.7 FAR 52.227-15 REPRESENTATION OF LIMITED RIGHTS DATA AND RESTRICTED COMPUTER SOFTWARE. (MAY 1999)

(a) This solicitation sets forth the work to be performed if a contract award results, and the Government's known delivery requirements for data (as defined in FAR 27.401). Any resulting contract may also provide the Government the option to order additional data under the Additional Data Requirements clause at 52.227-16 of the FAR, if included in the contract. Any data delivered under the resulting contract will be subject to the Rights in Data - General clause at 52.227-14 that is to be included in this contract. Under the latter clause, a Contractor may withhold from delivery data that qualify as limited rights data or restricted computer software, and deliver form, fit, and function data in lieu thereof. The latter clause also may be used with its Alternates II and/or III to

obtain delivery of limited rights data or restricted computer software, marked with limited rights or restricted rights notices, as appropriate. In addition, use of Alternate V with this latter clause provides the Government the right to inspect such data at the Contractor's facility.

(b) As an aid in determining the Government's need to include Alternate II or Alternate III in the clause at 52.227-14, Rights in Data - General, the offeror shall complete paragraph (c) of this provision to either state that none of the data qualify as limited rights data or restricted computer software, or identify, to the extent feasible, which of the data qualifies as limited rights data or restricted computer software. Any identification of limited rights data or restricted computer software in the offeror's response is not determinative of the status of such data should a contract be awarded to the offeror.

(c) The offeror has reviewed the requirements for the delivery of data or software and states (*offeror check appropriate block*) -

___ None of the data proposed for fulfilling such requirements qualifies as limited rights data or restricted computer software.

___ Data proposed for fulfilling such requirements qualify as limited rights data or restricted computer software and are identified as follows:

_____

_____

_____

Note: Limited rights data and Restricted computer software are defined in the contract clause entitled Rights in Data - General.

(End of provision)

K.8 FAR 52.230-7 PROPOSAL DISCLOSURE – COST ACCOUNTING PRACTICE CHANGES (APR 2005)

The offeror shall check "yes" below if the contract award will result in a required or unilateral change in cost accounting practice, including unilateral changes requested to be desirable changes.

[ ] Yes [ ] No

If the offeror checked "Yes" above, the offeror shall-

(1) Prepare the price proposal in response to the solicitation using the changed practice for the period of performance for which the practice will be used; and

(2) Submit a description of the changed cost accounting practice to the Contracting Officer and the Cognizant Federal Agency Official as pricing support for the proposal.

(End of provision)

[END OF SECTION]