

NAS10-99001

JOINT BASE OPERATIONS AND SUPPORT

CONTRACT

ATTACHMENT J-12

WORKLOAD INDICATORS

MOD 508

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
1.0	Project Management			
1.1	Management and Control	* Community Events such as: Community Special Events include items such as: <ul style="list-style-type: none"> • Facility Grand openings or ground breaking ceremonies. • Support for Barbeques, Soul Food Festival, NASA gatherings, Hello Florida, VPP Luncheons, etc. • Take Children to Work Day • Partnering Meetings, Awards Ceremony • Intercenter Run • Holiday Lighting • Environmental and Energy Awareness • Other Special Events such as the 40th Anniversary of Flight, Women’s Equality Day, FIRST Robotics, Asian Pacific Festival • PAFB Air Show, Stuart Air Show * The list does not include the NASA Annual Picnic, Super Safety Day and the Port Exposition due to the complexity and variability of that support. * 206 Miles of Utility Locates per year	MOD 205	
1.1	Management and Control	24 Launch Forecast. Average normal launch activities include: 4 Atlas II, 1 Atlas III, 2 Atlas V (EELV), 6 Delta II, 3 Delta IV (EELV), 1 Pegasus, 4 STS, 2 Navy, 1 Titan IV		
1.1	Management and Control			
1.1	Management and Control			
1.1	Management and Control			

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		JOCAS <ul style="list-style-type: none"> • 20,000 Active Cost Accounts (Intersect at Cost/WBS/EEIC) • 15 Government Expedited Reports per year 		
2.0	Public Works			
2.1	Engineering Services			
2.1.1	Facilities Planning	<ul style="list-style-type: none"> * Maintain/update current list of FM's (2,400 changes annually) for all SGS KSC facilities, and serve as coordinating agency for dissemination of information, training, and instructions. Provide training. * Publish BIG's and distribute 800 hard copies and 200 CD's every other year for the AF. KSC will remain annually. * 50 comprehensive map packages, with comprehensive defined as anything not existing in published GIS maps. * 120 total site plans processed. <ul style="list-style-type: none"> *1 major and 1 minor comprehensive siting study for KSC annually. * Maintain CCAFS Airfield Waiver Map, CCS QD Map, and CCS LOS Map. 3 Annually * 450 map revisions provided in GIS compatible format (300 small, 85 med, 65 large) * KSC Facility Space Management Database maintenance covers 8 million square feet of facility space over 800 facilities. * 6 Power Systems Analyses/Studies Performed. 	MOD 205 MOD 451 MOD 205 MOD 385 MOD 205 MOD 205 MOD 385 MOD 205 MOD 205 MOD 205	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> * 250 requests annually for KSC Facility Management database reports. * 50 basic Space Allocation Assessments performed annually. * Voucher approximately 110 NASA and 200 AF modification packages. * Voucher approximately 60 NASA and 20 AF construction packages per year. * Conduct and annotate approximately 900 KSC RP facility walk-downs every three years; approximately 155 AF RP facility walk-downs in FY08. <p>Real Estate Documents: Prepare approximately 20 Air Force permits, leases, and licenses annually. Provide tracking and initiate instrument renewal base on expiration date, approximately 70 per year.</p>	<p>MOD 205</p> <p>MOD 205</p> <p>MOD 205</p> <p>MOD 451</p> <p>MOD 205</p>	
2.1.1.1	Facility Project Planning and Programming		MOD 205	
2.1.1.3	Facility Project Planning and Programming	<ul style="list-style-type: none"> * AF Planning and Programming Workload Indicator * Approximate total amount costs of projects for which J-BOSC performs planning and programming functions is \$40,000,000. This amount includes an average of 2 Military Construction Program (MCP) projects per year with an average total cost of approximately \$7,000,000. NASA Planning and Programming - 	MOD 205	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		\$25M annually for CoF program. NASA Local Approval Authority (LAP) program\$5M.		
2.1.1.1	Real Property	<ul style="list-style-type: none"> * KSC Annual 1,400 Report * NASA Quarterly Real Property Report * AF Quarterly Report for Stuart P. McKinney Homeless Act 	MOD 205	
2.1.2	Design Specification Services	<ul style="list-style-type: none"> * NASA Mastertext consisting of 75 database sections. * 74 NASA Mastertext sections written, changed or replaced. * 13 KSC local text sections written, changed or replaced. * 3,000 Technical support questions received. * 20 local industry meetings supported. * 2 CSI national conventions supported. * 2 NIBS-CCCB meetings. * AF O&M Design Services annual baseline for projects valued at \$3.05M * 45 UFGS Merger 	MOD 205 MOD 385 MOD 205 MOD 451	
2.1.3	Engineering and Construction Services		MOD 205	
2.1.3	Engineering and Construction Services	AF Construction Services Workload Indicator: * Approximate total annual costs of projects for which J-BOSC performs construction management services: \$1,500,000	(MOD 135) (MOD 385) (MOD 451) (MOD 462)	
2.1.3	Engineering and Construction Services			
2.1.3	Engineering and Construction Services			
2.1.3	Engineering and Construction Services			

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
2.1.3	Engineering and Construction Services			
2.1.3	Engineering and Construction Services		MOD 205	
2.2	Infrastructure			
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)	<ul style="list-style-type: none"> * 150 KSC Outages. * 3,066 WOs KSC service calls. * 2,971 WOs CCAFS service calls. * 12,575 WOs KSC trouble calls. * 80,590 Mhrs KSC trouble calls WOs. * 5,220 WOs CCAFS trouble calls. * 48,013 Mhrs CCAFS trouble calls WOs. * 90,517 Mhrs CCAFS service request WOs. * 95,461 Mhrs KSC service request WOs. * 225 KSC electrical generator support tasks. * Relocate six hundred (600) KSC personnel including office modifications. * 150 corrosion control activities for scheduled SPOC transported equipment. * 6 corrosion control activities for scheduled PGOE transported equipment. KSC heavy equipment operations: <ul style="list-style-type: none"> * 471 (each) KSC - Crane Operations. * 671 (each) KSC - Transports. * 72 real-time support. * 3 barge loading/off-loading. * 216 forklift requirements. CCAFS Canaveral Ships: <ul style="list-style-type: none"> * 2,823 Mhrs Port - Canaveral Ships – Crane Use. 	<p>MOD 205</p> <p>MOD 402</p> <p>MOD 205</p>	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<p>* 1,166 Mhrs Port - T&B spt – Crane crew & crane.</p> <p>* 1,135 Mhrs Port - Non-wharf support – Crane crew & crane (vessel op).</p> <p>Operations and Maintenance Documentation:</p> <p>* 1,400 +/- 10% Critical and Configuration Systems Baseline of which 300 +/- 10% are critical. Baseline include:</p> <ul style="list-style-type: none"> ◆ 6,649 drawings. ◆ 210 Maintained Operations and Maintenance Requirements Specifications Document. ◆ 216 Maintained Systems Documentation Lists. ◆ 224 Maintained System Assurance Analysis. ◆ 790 Maintained Spare Parts Analysis. ◆ 1,400 Configuration Identification Documents/Configuration Management Data System with 50 changes/Day. ◆ 30 Configuration Audits/Verifications. ◆ 1,700 document sheets maintained of which 1,100 sheets are required to be changed. 		
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)	<p>Military Traffic Management Command (MTMC) Estimated Annual Workload</p> <ul style="list-style-type: none"> • TUG and BARGE SAILINGS: 49 Per Year <ul style="list-style-type: none"> o 1 crane with crew for 49 sailings (o/a 4 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<p>hours)</p> <ul style="list-style-type: none"> o 35 of the 49 sailings involve ammo operations and require the following: <ul style="list-style-type: none"> ● Safety representative (o/a 4 hours) ● 2 Security Guards (o/a 3 hours each) ● Fire Truck Standby (o/a 3 hours) o 20 of the 49 sailings involve gravel loading and require the following: <ul style="list-style-type: none"> o 2 front-end loaders with operators (o/a 4 hours each) o 3 dump trucks with drivers (o/a 4 hours) • SEACOR CLIPPER SAILINGS: 26 per year <ul style="list-style-type: none"> o 1 crane with crew (o/a 6 hours) o 14 of the 26 sailings involve ammo operations and require the following: <ul style="list-style-type: none"> ■ Safety Representative (o/a 4 hours) ■ 2 Security Guards (o/a 3 hours each) ■ Fire Truck Standby (o/a 3 hours) ◇ 20 of the 26 sailings require 1 truck with driver for loading and discharging vessel (o/a 3 hours) o 4 of the 26 sailings require vessel loading and discharging support as follows: <ul style="list-style-type: none"> ◇ 2 cranes with operators for 2 days (o/a 16 hours each or 128 hours total) • OTHER SUPPORT: <ul style="list-style-type: none"> o Crane support for approximately 175 days for unloading trucks and other 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		equipment <ul style="list-style-type: none"> o Ammo receiving, storage, and handling for approximately 150 hours per year o Security Guard (o/a 128 hours) o 4 tractors and trailers with drivers (o/a 128 hours) o 70 (each) Port – Navy Ships – Ship Visits o 239 days – Port – Navy Ships – Days in Port o 24 (each) Port – Navy Ships – Weapons Handled (UK) o 33 (each) Port – Navy Ships – BSP o 445 (days) Port – Port Canaveral Ships – Days in Port o 52 (each) Port – Port Canaveral Ships – Departures/Arrivals 		
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)	USAF Office Moves Workload: <ul style="list-style-type: none"> • 430 107 approximate number of offices moved; 80% estimated percentage of moves between buildings, 5% estimated percentage of moves between PAFB and CCAFS. * An office contains of furniture and equipment used to support the work of one individual. Generally, an office will consist of, but not be limited to, the following items: Desk, Desk Chair, Computer Table or equivalent, Extra Chair, 3 (total) File Cabinets (with files), Bookcases (5-shelf or equivalent), Computer Monitor, Keyboard, CPU, 5 Boxes of Books, Files, and		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		Papers.		
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)			
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)			
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)			
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)			
2.2.1	Facilities, Systems, Equipment, Utilities (F/S/E/U)	<ul style="list-style-type: none"> • No more than two occurrences per year of electrical, mechanical and transportation support of Launch Site Support Trailer (LSST), Pegasus Spacecraft Closeout Shelter (SCS), and Pegasus Carrier Aircraft – Portable Lightning Mast Erection operation for NASA Pegasus ELV missions from CCAFS Skid Strip. • LSST and SCS operations shall be performed IAW jointly written SGS Mechanical/Electrical Shop and NASA ELV (Expandable Launch Vehicle Operations) personnel. <p>Portable Lightning Mast System shall be maintained on a monthly basis IAW jointly written SGS Mechanical/Electrical Shop and NASA ELV (Expandable Launch Vehicle Operations) personnel.</p>	MOD 160	
2.2.1.1	Operations, Maintenance, and Engineering	* Three programmable signs, one each located at the Port, at the South Gate, and at the west entrance to CCAFS.		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
2.2.1.21	Special Dewatering Support	* Dewatering support for NASA programs, contractors, and tenants. Dewatering: FY03-1.5M gal, FY04-1.5M gal, FY05-60K gal, FY06-60K gal. Deleted (CCR 06-44)	MOD 300 MOD 398	
2.2.1.3		* 515 KSC excavation permits issued to third parties		
2.2.1.3, 2.2.1.41, 2.2.1.51	Facilities, Systems, Equipment, Utilities (F/S/E/U)			
2.2.2	Refuse, Pest Control, and Grounds Maintenance	KSC Landfill includes: * 586 cu. yards/Mo. Cover material weekly, total waste deposited, diverted waste (captured from report). CCAFS Land: * Camera and Press Lines of Sight: 250 acres/yr. * KSC Clear Land Camera & Press Lines of Sight: 4 acres. * CCAFS Fire Breaks and Utility Lines: 450 acres/yr. * KSC Fire Breaks & Utility Lines: 81 acres. * Pre-surveying of Site Plans: Available support under TYPE 3 work order requests.	(MOD 205) (MOD 469)	
2.2.2	Refuse, Pest Control, and Grounds Maintenance			
2.2.2	Refuse, Pest Control, and Grounds Maintenance	* CCAFS: Sweep Runways, Skidstrip, and other parking areas by request; Mow by scheduled	(MOD 469)	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		frequencies and pest control performed by request; not to exceed Manhours: 40; sweep will be 1x/wk and as needed per Terry Bron, Skidstrip POC		
2.2.2	Refuse, Pest Control, and Grounds Maintenance	KSC: SLF, Towpath, and Crawler (refers to mowing, sweeping, and grading of crawler way)	(MOD 469)	
2.2.2	Refuse, Pest Control, and Grounds Maintenance	* 590 (each) KSC – Outside smoking receptacles.	(MOD 469)	
2.2.2	Refuse, Pest Control, and Grounds Maintenance	<p><u>CCAFS Refuse Collection Services</u></p> <ul style="list-style-type: none"> • <u>1,210 tons by Front Load Compactor CCAFS Refuse (annual).</u> • <u>2,880 tons CCAFS (excluding bulk items) Collect and deliver Refuse to Brevard County Solid Waste Disposal Facility.</u> • <u>6 line items – CCAFS – FL Annex Refuse Collection Sites, Schedule & Services.</u> • <u>13 tons – CCAFS Collect Scrap Metal (annual).</u> • <u>26 trips of CCAFS dispose of Scrap Metal (annual).</u> • <u>50 tons CCAFS and KSC (Note that a peak pickup day with a ship at Port may exceed 200 lbs. on any given day.)</u> • <u>650 tons Collect and deliver bulk items to the CCAFS landfill.</u> • <u>9 CCAFS and 3 Malabar Annex of Special Events (annually).</u> • <u>The Port Canaveral Area shall be serviced each</u> 	(MOD 451)	

Formatted: Bullets and Numbering
Deleted: (MOD 469)

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<p>Monday morning to eliminate weekend build-up of ship trash.</p> <ul style="list-style-type: none"> Annually estimated number of Regulated Food Waste collections at CCAFS and KSC (as needed annually). 1,200 lbs annually – CCAFS Regulated Food Waste. 		
2.2.2	Refuse, Pest Control, and Grounds Maintenance	<ul style="list-style-type: none"> 6 (each) CCAFS special events. 	(MOD 451)	
2.2.2	Refuse, Pest Control, and Grounds Maintenance	<ul style="list-style-type: none"> 140 (each) CCAFS Front Load Compactor Truck trips (annual). 538 Tons CCAFS Roll-off Truck (annual) 170(each) CCAFS Roll-off Truck trips (annual). 	(MOD 451)	
2.2.2	Refuse, Pest Control, and Grounds Maintenance			
2.2.2	Refuse, Pest Control, and Grounds Maintenance			
2.2.4	Custodial	<p>KSC Workload Data:</p> <ul style="list-style-type: none"> Dust Mop/sweep – 1,236,396 sq. ft. Damp Mop – 1,236,396 sq. ft. Strip/Seal/Refinish – 1,238,785 sq. ft. Recondition Corridors – 267,949 sq. ft. Shampoo Carpeting – 1,548,730 sq. ft. Vacuum Carpeting and Raised Tile Areas – 1,706,192 sq. ft. Dusting/Damp Wipe – 2,855,515 sq. ft. Clean Restrooms, Medical Offices/Laboratories 		

Deleted: CCAFS / KSC Refuse Collection Services: ¶
 <#> 2,800 tons CCAFS Refuse / Dumpster Rolloffs. 4 tons KSC Refuse/Dumpster Rolloffs¶
 <#>CCAFS Refuse:¶
 <#>2,800 tons Dumpsters¶
 <#>2,800 tons Rolloffs¶
 <#>71 tons Scrap Metal collect & dispose¶
 <#>50 tons International Waste (Note that a peak pickup day w/a ship at Port may exceed 200 lbs. on any given day.)¶
 <#>50 annually estimated number of International Waste collections¶
 <#>KSC Refuse:¶
 <#>4 tons Dumpsters¶
 <#>4 tons Rolloffs¶
 <#>50 annually estimated number of International Waste collections¶

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		and Clean Work Areas – 115,298 sq. ft. <ul style="list-style-type: none"> • Clean Water Fountains – 378 fountains • Empty Office Trash Receptacles – 20,000 receptacles • Empty Recycle Paper from Building Collection Points – 200 staged barrels • Empty Exterior Ash Trays – 684 containers • Glass Cleaning, Entry Windows/doors – 75,000 sq. ft. • Trouble Calls – 500 hours annually • Clean Windows/Blinds – 1 bi-annual • High Visibility Cleaning – 536,518 sq. ft. 		
2.2.4	Custodial	Fitness Center towel service: <ul style="list-style-type: none"> • KSC O&C, Rm. 1118 – 3,720 towels/mo., Tuesdays & Fridays • KSC OSB, Rm. 1301 – 2,480 towels/mo., Tuesdays & Fridays 	MOD 451 MOD 205 MOD 205	
2.2.4	Custodial	Laundry and Dry Cleaning Workload (*Indicates items that are not laundered): <ul style="list-style-type: none"> • 45,173 Bath Mat • 2,603 Bedspread • 21 *Coverall • 12 *Curtain • 2 *Flag • 1 Flight Suit • 46,490 Hand Towel 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 2,100 fire hazard reports issued • 2,200 weld/burn permits issued • <u>1,350 lbs ABC Dry Chemical. or appropriate agent</u> • <u>One landing Operations Support Panel (LOSP) meeting</u> • <u>Rescue team operations Validation at JSC biannually</u> • <u>One full-up launch demonstration and one landing demonstration</u> • <u>Approximately 1,400 responses are recorded and filed (205)</u> • <u>33 facilities requiring risk analyses every 4 years</u> • <u>84 facilities requiring fire protection engineering surveys</u> • <u>620 design reviews</u> • <u>155 final acceptance tests</u> • <u>6 mercury spill responses</u> engineering surveys • 620 design reviews • 155 final acceptance tests • 6 mercury spill responses 		
3.1.1	Fire		MOD 205	
3.1.1	Fire	KSC DATA: Population Awareness Training <ul style="list-style-type: none"> • 2,400 Hours 		
3.1.1	Fire		MOD 205	

Formatted: Bullets and Numbering

Deleted: 1,100 flammable/combustible liquid storage cabinets¶
 <#>6,800 extinguishers¶
 <#>2,000 hazardous operations support standbys (40 LH2, 144 LO2)¶
 600 aircraft standbys

Formatted: Bullets and Numbering

Formatted: Bulleted + Level: 1 + Aligned at: 0.25" + Tab after: 0.5" + Indent at: 0.5"

Formatted: Bullets and Numbering

Deleted: 1,400 emergency responses¶
 <#>129 firefighter ensembles¶
 <#>20 level A and 14 level B ensembles¶
 <#>90 Hazmat responses¶
 <#>1,400 total responses¶
 <#>Approximately 160 facilities require pre-fire planning¶
 <#>Approximately 12 types of aircraft require pre-fire planning¶
 <#>Anticipated agent capacity of all current fire vehicles¶
 <#>2,200 gals AFFF or appropriate agent¶
 <#>2,200 lbs Purple K. or appropriate agent¶
 <#>1,350 lbs ABC Dry Chemical. or appropriate agent¶
 <#>One landing Operations Support Panel (LOSP) meeting¶
 <#>Rescue team operations Validation at JSC biannually¶
 <#>One full-up launch demonstration and one landing demonstration¶
 <#>Approximately 1,400 responses are recorded and filed¶

... [2]

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
3.1.1.14	Immediate Danger to Life or Health Rescue Program	Immediate Danger to Life and Health Workload Indicators is tied to launch activity. Reference Launch WLI identified in WBS 1.1 (above) for planned launch activity. <ul style="list-style-type: none"> • 3 Scape OPS per Atlas Launch • 3 Scape OPS per Delta Launch • 25 Scape OPS per Titan Launch • 1 Scape OPS per all other Launch 		
3.1.2	Security	KSC DATA: (Mod 255) <ul style="list-style-type: none"> • 62 classified documents in KSC System • 1800 classified document transactions annually • 15 boxes classified waste destroyed annually • 1,500 RP hang-tags processed • (Mod 431) • 2400 Foreign Visitors processed annually • 250 criminal investigations • 24 Astronaut escorts • (442) • (451) • Conduct NASA Centers NFLET, CALEA, & SOFC training support for 9 sessions during FY08 (Mod 451) • Publish 4 Quarterly Security Awareness Newsletter (Mod 232) • Publish 4 Quarterly Security Awareness 	MOD 135	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		Bulletin (one in color) (Mod 232) <ul style="list-style-type: none"> • STS TAL Support <ul style="list-style-type: none"> -- Two FY05 overseas TAL support -- Six FY06-08 overseas TAL support • FY07 21,000 Background Investigation Processing Support (Mod 431) • FY07 22,200 KSC Badge Enrollment Identification Verification (Mod 431) • FY08 3,900 KSC Badge Enrollment Identification Verification (Mod 431) 		
		KSC & CCAFS JOINT DATA: <ul style="list-style-type: none"> -- Federal Arrest Authority Training: (Mod 255) <ul style="list-style-type: none"> • 18 Local NFLET classes (Mod 232) -- Security Specialized Training: (Mod 255) <ul style="list-style-type: none"> • (Mod 297) • Range used by 50 outside agencies(442) • Security Awareness • 12 Publications • 220 briefings -- Badging: (Mod 255) <ul style="list-style-type: none"> • 4,500 AF & 22,000 KSC Resident badges (Mod 297) (Mod 431) • 45,000 AF & 40,000 KSC Temporary badges (Mod 431) • 25,000 NASA area permits • 1,675 NASA Foreign National permits • 22,000 fingerprint request (Mod 431) 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		-- Resource Protection: (Mod 255) <ul style="list-style-type: none"> • 165 inspection & assessments • 51 Resource Protection surveys • 117 special requests • 60 Vulnerability Tests • 250 civil court appearances • 80 hrs Survey KSC Security barricades • 126 Design Reviews -- Traffic Control: (Mod 255) <ul style="list-style-type: none"> • 9,000 traffic responses • 250 vehicle accidents • 3,060 KSC/CCAFS citations • (442) • 250 Federal US Magistrate citations -- Locksmith: (Mod 255) <ul style="list-style-type: none"> • 32,700 keys manufactured annually • 13,500 core & lock actions annually • 3,050 locks installed annually • 250 security container lockouts annually • 750 safe combination/locks retrofitted annually • 216 lockouts or lock failures annually (Mod 205) • 20 classified safe combination changes annually 		
3.1.2	Security			

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
3.1.2	Security			
3.1.3	Emergency Preparedness	KSC DATA: (Mod 255) <ul style="list-style-type: none"> • 16 Performance training classes (NASA 4/AF 12) • 2 special required exercises • 2 hurricane operations (NASA/AF) (Mod 205) • 40 People trained CSS • 3 People LDCG • 20 People EET • 200 people trained Hurricane coordination • 6 response to actual emergency • 4 Prepare and present on-call briefs • 12 Hurricane briefs • 2 Special request exercises • 20 Launch support EOC/MCC Emergency Communication: <ul style="list-style-type: none"> • 70,000 recorded electronic security system activations • 26,400 security actions requested • 6,000 fire actions requested • 5,000 other actions (911, outages, halon mode switch) requested 	MOD 205 MOD 205	
3.1.3	Emergency Preparedness			
3.1.3	Emergency Preparedness			
3.2	Logistics			
3.2.1	Supply	KSC DATA: -- Logistics Management:	MOD 135	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 48,000 cataloged items • 5,200 line items • 36,000 line items in the area of research • 18,000 Work Order Kitting (receipt, kit and issue) • 46,875 Bench stock reordering/binning (CCR 06-33) • 20,000 Tool crib transactions -- Supply Operations: (Mod 284) <ul style="list-style-type: none"> • 3,650 outbound shipment actions • 1,800 priority freight pickup shipments • 100 hazardous material shipments • 250 custom shipment imports • 50 custom shipments exports -- Combined general warehousing actions: <ul style="list-style-type: none"> • Number of issues: 81,258 (CCR 06-33) • Receipts: 79,688 (CCR 06-33) • Deliveries: 88,000 -- Property Disposal: (Mod 284) <ul style="list-style-type: none"> • Items Received: 21,600 • Number of Auctions: 6 • Number of Sales: 3 • Other Sales Contracts: 10 • Stevenson-Sylder/Computers for Learning: 2,500 -- Combined property disposal actions: <ul style="list-style-type: none"> • 7,000 requests for forms and publications 	<p>MOD 205</p> <p>MOD 398</p> <p>MOD 205</p> <p>MOD 205</p> <p>MOD 398</p> <p>MOD 398</p> <p>MOD 205</p> <p>MOD 205</p> <p>MOD 205</p>	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 36 transports of solid rocket motors and segments • Mod 444 • 25 transports of incoming equipment 		
3.2.1	Supply			
3.2.1	Supply	<ul style="list-style-type: none"> • 22,206 USAF Bottled Water Deliveries (CCR 06-41) • 31,454 Bottled Water Deliveries 	MOD 398 MOD 205	
3.2.1	Supply		MOD 205	
3.2.1	Supply		MOD 205	
3.2.2	Transportation	KSC DATA: -- KSC Shuttle/Bus Support Data: <ul style="list-style-type: none"> • Approx. 5,000 hours in support of Protocol/VIP support (Includes support during shuttle launch and landings) • Approx. 3,000 hours for miscellaneous driver services (Unmanned launch support, NASA Contractor Request Training and Tour Support others) • Approx. 15,000 hours for pad support • Approx. 14,000 hours for support of the 3 shuttle bus routes. 	MOD 135	
3.2.2	Transportation	CCAFS/PAFB Vehicle Operation and Maintenance (Mod 255) <ul style="list-style-type: none"> • Vehicles & Equipment maintained at KSC—1150 • Vehicles & Equipment maintained at CCAFS/PAFB—981 (MOD 470) 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • CCAFS/PAFB HE Driver Support—20300 hours 		
3.2.2	Transportation	Patrick AFB Vehicle Operations call-in support 1900 – 0700 hours & weekends: <ul style="list-style-type: none"> • 819 hours (Mod 451) 		
3.2.2	Transportation	USAF Vehicle and Maintenance: PAFB Base Mobility/Deployment Support Workload Summary: <ul style="list-style-type: none"> • Motor Vehicle operations (Exercise/Deployment Vehicles/drivers 12-24 Hour Duration) <ul style="list-style-type: none"> o 4- Buses with drivers o 1 – 1 ½ Ton Trk with driver o 1 – 10K Forklift with driver o 4 – Tractor/Trailers with drivers o 1 – Pick-Up (U-Drive) • Ground Movement Operations (Exercise/Deployment Vehicles/Drives Duration Exercise – 4-12 hours) <ul style="list-style-type: none"> o 9 Buses with drivers o 5 – Tractor/Trailers with drivers <ul style="list-style-type: none"> Actual deployment – 2-4 days o 1 – Carryall with driver o 1 – Wrecker with driver o 1 – Pick-Up with driver • Approximately 6 recall exercises sometime during the year • Approximately 12 base mobility/deployment support exercises involving operating a Motor 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		Vehicle Operation <ul style="list-style-type: none"> Approximately 2 ground movement operations during the year Approximately 6 emergency situations during the year (hurricane alert, community support due to accidents, disaster preparedness exercises) 		
3.2.2	Transportation			
3.2.2	Transportation			
3.2.3	Laboratories	(Removed)	MOD 479	
3.2.3.1	Laboratories (Nondestructive Evaluation)	<ul style="list-style-type: none"> 15 to 20% of all NDE tasks are performed in the laboratory. 80 to 85% of all NDE tasks are performed in the field. 2795 total NDE work orders including (KSC/45 SW): (Mod 261) (Mod 328) (Mod 444) Other NASA centers/government agencies on-site NDE work orders - 5 projects (not exceeding 40 hours per project). 	MOD 250 Mod 479	
3.2.3.2	Laboratories (Standards and Calibrations)	NASA M & TE Calibrations per year - 12,805 <ul style="list-style-type: none"> Repairs 600 In Place Calibrations (see note 1) 85 Cleaning Incidental to Calibration 1250 Pivot Laboratory Tasks 4 NASA Reference and Working Standards - 1100		
3.2.3.2	Laboratories (Standards and Calibrations)	Air Force M & TE Calibrations per year - 16,627 <ul style="list-style-type: none"> Repairs 507 	Mod 479	

Formatted: Bullets and Numbering

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • In Place Calibrations (see note 1) 800 • Down Range Calibrations per year <ul style="list-style-type: none"> ○ JDMTA 274 ○ Ascension/Antigua 1400 • Support to Items Not Entitled to PMEL Service per T.O. 00-20-14 or T.O. 33K-1-100-2 (see note 2) 1500 		
3.2.3.2	Laboratories (Standards and Calibrations)	NOTES: 1. Provided for items imbedded in systems, too large to move, or whose accuracy would be affected by movement after calibration. 2. Includes instruments defined by the referenced documents as "USER", "NCR", or "Non TMDE".	Mod 479	
3.2.3.3	Laboratories (Sampling and Analysis)	Approximately 13,189 sampling work orders, including: (Mod 444) <ul style="list-style-type: none"> • 60% hazardous commodity sampling • 40% operational commodity sampling 4,500 analysis work orders for KSC, including: (Mod 250) <ul style="list-style-type: none"> • 425 TCLP analyses • 375 environmental and waste analyses 750 permeability & compatibility studies	MOD 250 Mod 479	
3.2.3.4	Laboratories (Component Cleaning and Refurbishment)	2,956 work orders (Cleaning/Decontamination Requests) 50 to 75 Type 3 work orders (Ref. KSC Form 3-341B for CDR)(Mod 250)(Mod 444)	MOD 250 Mod 479	

Formatted: Bullets and Numbering

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
3.2.4	Propellants	<p>Propellants Support: (Mod 205) (Mod 255)</p> <ul style="list-style-type: none"> • 3,100 cryogenic operations or work orders • 1,000 deliveries of LAir, LH2, LHe, LN2, LO2, and mixed gases • 1,750 deliveries of Gases (Rechargers and CGT): BAIR, GHe, GH2, GN2, and GO2 at 2,400-15,000 psi • 700 deliveries of gases (K-Bottles) • 10 Hypergolic propellant loads thermally conditioned • 12,000 gallons Hypergolics processed for iron removal • 2,000 Government procured vendor deliveries • 25,000 data entries in support of AF "Controlled Storage" Facility Management <p>Propellants Equipment (Mod 255) (Mod 444) Quantities Consumed: Cryogenic:</p> <ul style="list-style-type: none"> ◆ 5.1 million gallons LH2 ◆ 9,000 tons LN2 ◆ 19,000 tons LO2 ◆ 342,000 gallons LAIR (mixed) ◆ 34,200 mscf of Breathing Air converted from LAIR; at up to 10,000 psi <p>Hypergolic:</p> <ul style="list-style-type: none"> ◆ 50,000 pounds Aerozine-50 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> ◆ 10,000 pounds Hydrazine ◆ 100,000 pounds Monomethyl Hydrazine ◆ 212,000 pounds Nitrogen Tetroxide (Mod 444) Compressed Gas: (Mod 255) <ul style="list-style-type: none"> ◆ 80,000 mscf Helium (9 miles pipeline at 6,000 psi) (Mod 444) Petroleum Fuel: (Mod 255) <ul style="list-style-type: none"> ◆ 180,000 gallons RP-1 (Atlas, Delta 1st stage) ◆ 900,000 gallons JP-8 (T-38, STA, SCA, Helicopters) Other Fluids: (Mod 255) <ul style="list-style-type: none"> ◆ 1,000,000 gallons Demineralized Water 		
3.2.4	Propellants	Life Support: (Mod 205) (Mod 444) <ul style="list-style-type: none"> • 1,560 KSC suitings • 5,200 SCAPE Recycles • 60 Airline operations • 325 Emergency Breathing Equipment (EBE) operations 		
3.2.5	Airfield Services	Aircraft Maintenance and Quality Assurance Insight: <ul style="list-style-type: none"> • 1 Gulfstream G-2 aircraft, 300 flight hours (CCR 06-35) • 4 Bell UH-1H helicopters, 400 flight hours • Service 50 transient NASA aircraft • Support 10 training simulation events • PAFB NAOC aircraft 3 days, twice per month 	MOD 135 MOD 398 MOD 205 MOD 205 MOD 398	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		(CCR 06-39) o Water/Waste o Chiller Cart		
3.2.5	Airfield Services	<ul style="list-style-type: none"> • 225 NASA 4 TRIPS 	MOD 205	
3.2.5	Airfield Services	Airfield Operations SLF: <ul style="list-style-type: none"> • 14,000 air craft operations • 4,000 Shuttle Training Aircraft operations • 2,800 T38 aircrafts operations • 900,000 gallons of fuel dispensed • 7,000 PPR's issued and supported • 3 Shuttle Carrier Aircraft operations supported Airfield Operations Skid Strip: <ul style="list-style-type: none"> • 3,000 aircraft operations • 900 military aircraft • 100 civilian aircraft • 50 payload operations • 1,600 PPR's issued and supported 	MOD 135 MOD 205	
3.2.5	Airfield Services		MOD 205	
3.2.5	Airfield Services		MOD 205	
3.2.5	Airfield Services (AF Only)	Transient Alert Workload Summary <ul style="list-style-type: none"> • approximately 2,400 aircraft service annually • 5 Support Event • 75 LOX Servicing • 1647 hours for OT/DT (CCR 06-61) 	MOD 205 MOD 398	
3.2.6	Hazardous and Controlled Waste	Hazard Determinations: <ul style="list-style-type: none"> • 1,360 hazard determinations for KSC Waste Management/Operations:	MOD 135 MOD 205 MOD 205	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 150 shipments • 5,500 containers handled • 100 spill clean-ups at KSC and CCAFS 	MOD 205 MOD 205	
3.3	Information Technology			
3.3.1	Computer Systems	Configuration Management: <ul style="list-style-type: none"> • 31,440 Code movements • 240 Documents reviewed and managed 		
3.3.1	Computer Systems			
3.3.1.2	Computer Systems	NASA XA Web Support: <ul style="list-style-type: none"> • 36 32 Animations per year month in support of the NASA Portal 	MOD 208 MOD 506	
3.3.2	Communications	<ul style="list-style-type: none"> • 1,292 450 NASA pagers supported • 797 NASA cell phones supported • 1,200 VITS conferences per year • Configuration management schedules approximately 15,400 mainframe jobs per year 	MOD 255 MOD 205 MOD 135 MOD 506	
3.3.2	Communications		(Mod 135)	
3.4	Administrative Services			
3.4.1	Publications	KSC DATA: (Mod 135) (Mod 255) (Mod 348) (Mod 434) <ul style="list-style-type: none"> • 50,000,000 units of B&W Printing/Duplicating • 1,500,000 units Color Copying • 1,800,000 units Engineering Drawing Reproduction. Unit of measure square feet Microimaging (Mod 144) (Mod 205) (Mod 255) (Mod 434) (Mod 477)	Mod 348 (05-47) Mod 348 (05-47)	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 3,365,653 images Documents scanned and CD-ROM disks • 1,700,000 images Indexed PDF Images • 49,759 aperture cards - 35mm Original Aperture cards encoded, interpreted and printed • 105,518 images Aperture card scanning for KEDS raster files • 65,000 images Fiche images scanned to CD-ROM disks. • 500,000 prints Aperture/Microfiche card prints (8.5x11 to 18x24 in.) in support of Shuttle, as required. • 1,627,759 Repository silver microforms inventory . • 20,000 Images converted to electronic word file format. . <p>Film Storage Building Custodian:</p> <ul style="list-style-type: none"> • 1,010 operation hours annually. <p>Graphics: (Mod 205) (Mod 255) (Mod 434) (Mod 477)</p> <ul style="list-style-type: none"> • 650 Complex Graphic products consisting of displays, posters, charts, graphs, publications and illustrations, that require lengthy conceptual planning and frequent customer interface • 850 Average Graphic products consisting of badges, certificates, labels, lettering, name 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<p>plates, tent cards, signage, sign out boards, dry mounting, laminating, matting, framing, and scanning of graphic elements</p> <ul style="list-style-type: none"> • 700 A/V presentations • 60 equipment loan issuances/returns • 600 Forms analysis and development • 900 Forms and Publication orders • 51 KSC Bulletins produced • 26 biweekly “Spaceport News” issues published • 350 PAO writing assignments, • Captions for 2,215 photos • PAO Pre and Post Launch/Mission Materials for 6 Launches: • PAO Library Reference Materials • 30,990 PAO Fan Mail kits & Special items disseminated • PAO launch passes – Level of Effort NASA Portal /ELV Support (Mod 208) (Mod 434) • 360 Updates to Mission Sites (snippets) annually • 96 Features Annually—Research, Write & Edit • 36 Annually—Photogalleries: Populate template pages and layout pages • 60 Annually—Research, Write, Edit Post Videos 		

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 36 Annually—Research, Write, Edit, and Post Podcasts • 270 Annually—Create new or migration of old pages • 96 Annually—Release and Post Press Releases • 48 Annually—Release and Post Status Reports • 6 Annually—Webcasts: Coordinate, Write Scripts, Promote and Post on Web • 5 per launch—Launch Highlight Videos: Transcribe, Create RT File Captions and Post 		
3.4.1	Engineering Document Control	<ul style="list-style-type: none"> • 2,000 Document Release Authorizations • 24,180 KSC Engineering Documentation sheets processed (Mod 205) (Mod 434) 		
3.4.1	Publications	<ul style="list-style-type: none"> • Information Reproduction Management Reports, Annual One per year (Mod 205) 		
3.4.2	Library	KSC DATA: (Mod 135) (Mod 205) (Mod 398) (Mod 434) <ul style="list-style-type: none"> • 140,000 reference requests • 38,900 library/office copy materials orders(<u>CCR 06-38</u>) • 1,234 Book acquisitions(<u>CCR 06-38</u>) • 1,000 Serials acquisitions(<u>CCR 06-38</u>) • 45,000 cataloging updates 	(Mod 135) MOD 398 MOD 398 MOD398 MOD 205	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		<ul style="list-style-type: none"> • 87,000 library/office copy materials circulations • Spaceport News Index – Make each issue available on the internet. (Level of Effort) • Specifications and Standards Index – Make available on the internet. (Level of Effort) • Annual KSC Chronology – Make each issue available on the internet. (Level of Effort) • 5 public access computer terminals provided • 50 Dialog online information service requests • 3,550 OCLC online information service requests 	MOD 205	
3.4.2	Library	<ul style="list-style-type: none"> • Kennedy Technical Reports Server 	(Mod 135)	
3.4.3	Mail	<p>KSC DATA: (Mod 135) (Mod 205) (Mod 434)</p> <p>Mail distribution:</p> <ul style="list-style-type: none"> • 2,200,000 U.S. Mail Pieces • 780 trips - External Transport of U.S. Mail – • 2,800,000 Document Copy Distribution Addressing • 1,394 mail stops daily (363,834 total) • 6,500,000 Intra-center mail-piece distribution <p>KSC Official Bulletin Board and Newsletter Holder Support:</p> <ul style="list-style-type: none"> • 4,160 posting and removals • 13 bulletin boards • 27 newsletter holders <p>Special Documents Distributed:</p> <ul style="list-style-type: none"> • 48 pickups and deliveries - Special Document 	<p>(Mod 135)</p> <p>MOD 205</p> <p>MOD 205</p> <p>MOD 205</p>	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		PA courier support for launches and landings		
3.4.3	Mail	<ul style="list-style-type: none"> Monthly Postal Expense Report (Mod 135) 	(Mod 135)	
3.4.3	Mail	<ul style="list-style-type: none"> 163 CCAFS Mail Stops. (Mod 135) 	(Mod 135)	
3.4.4	Technical Training	(Mod 135)	(Mod 135)	
3.4.4	Technical Training	(Mod 135)	(Mod 135)	
3.4.4	Technical Training	(Mod 135)	(Mod 135)	
3.5	Medical and Environmental Health			
3.5.1	Medical	Medical: <ul style="list-style-type: none"> 15,844 personnel at KSC/CCAFS KSC Occupational Health Facility (M6-0495) hours of operation (0700-1700 M-F) Launch Area Clinic (K6-1145) hours of operation (8 hr/day 5 days/week) KSC Visitor Center (M6-0411) hours of operation (0900 – 1900 7 days/week) and during special events as requested. Physical Exams: <ul style="list-style-type: none"> 9,200 Part I – (1.5 – 2.5 labor hr/appointment) 6,500 Part II – (1-2 labor hr/appointment) 1,400 Part III – (1 – 1.5 labor hr/appointment) 17,844 medical treatments (0.5 – 2.5 labor hr/treatment) 4,000 influenza immunizations 55,000 medical records maintained EMS: <ul style="list-style-type: none"> 2 Emergency preparedness exercises each at KSC and CCAFS 	MOD 205 MOD 451 MOD 205 MOD 205 MOD 451 MOD 205	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		Training (QG309KSC) <ul style="list-style-type: none"> • 3 (16 hr) classes– ACLS Refresher • 3 (16 hr) classes – BCLS course • 15 (2 hr) classes -HIV/AIDS update for Healthcare Workers – • Provide AED Program for 4 AED Responder individuals per NASA Purchased deployment unit Support Operations: <ul style="list-style-type: none"> • 2 SRB retrieval ships • TAL support as determined by launch schedule • 30 Travel medicine kits 	MOD 205 Mod 348 (04-28)	
3.5.2	Environmental Health (EH)	KSC/CCAFS DATA Industrial Hygiene: <ul style="list-style-type: none"> • 350 hazard assessments (8-40 hr) • 240 exposure investigations/complaints (4-24 hr) • 1,750 confined space permits (2 hr) • 800 facility inspections (1-24 hr) • 1,470 hazardous operations (<.5-15 shifts/operation) • 400 ventilation system assessments (4-10 hr) • 600 design reviews, document reviews/developmental (1-24 hr) • 150 asbestos abatements (average 50 hr) Health Physics: <ul style="list-style-type: none"> • 180 Source use authorizations/use modifications (1-20 hr) 	(Mod 135) MOD 205	

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
		Permitting and reporting: <ul style="list-style-type: none"> • 42 Air permitting sources • 12 landfill reports/activities • 25 regulated storage tanks • 32 portable water permit activities • 32 domestic wastewater permit activities • 32 storm-water permit activities Program Support: <ul style="list-style-type: none"> • 450 checklists (All NASA/J-BOSC) Construction: <ul style="list-style-type: none"> • 350 construction projects • 400 engineering design reviews • 		
3.5.3.2	Environmental Services	Environmental Program Support: Pickup, palletize, prepare and dispose of 55 gallon drums: <ul style="list-style-type: none"> • 133 drums per month 	Mod 348 (05-12)	

MOD 205

1,400 emergency responses
129 firefighter ensembles
20 level A and 14 level B ensembles
90 Hazmat responses
1,400 total responses
Approximately 160 facilities require pre-fire planning
Approximately 12 types of aircraft require pre-fire planning
Anticipated agent capacity of all current fire vehicles
2,200 gals AFFF or appropriate agent
2,200 lbs Purple K. or appropriate agent
1,350 lbs ABC Dry Chemical. or appropriate agent
One landing Operations Support Panel (LOSP) meeting
Rescue team operations Validation at JSC biannually
One full-up launch demonstration and one landing demonstration
Approximately 1,400 responses are recorded and filed
33 facilities requiring risk analyses every 4 years
84 facilities requiring fire protection

