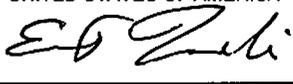


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 8	
2. AMENDMENT/MODIFICATION NO. 506		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office Kennedy Space Center, FL 32899				7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Space Gateway Support, LLC 1980 N Atlantic Ave, Suite 330 Cocoa Beach, FL 32931				9A. AMENDMENT OF SOLICITATION NO.			
Financial Management Copy				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-99001			
				10B. DATED (SEE ITEM 13) August 21, 1998			
CODE		FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.							
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984)							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
<p>The purpose of this no cost modification (CCR 08-34) is to (1) revise IT performance Workload Indicators (WLIs) to reflect changes in current work performance and (2) clarify "Florida Annexes" as it applies to the Fire Protection Program. Changes are effective through 30 September 2008.</p> <p>This change revises Attachment J-1, Statement of Work Paragraph's 3.1.1 – Fire Protection Program, 3.3.2.1 - General Requirements and Attachment J-12 - Workload Indicators as shown on the attached pages. All other terms and conditions of the contract remain unchanged.</p>							
Except as provided herein, all terms and conditions of the document referenced in Item 9a or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print) Victoria G. Lockard Director, Contracts				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ernest G. Tweedie Contracting Officer			
15B. CONTRACTOR/OFFEROR 		15C. DATE SIGNED 4/23/08		16B. UNITED STATES OF AMERICA 		16C. DATE SIGNED 4/24/08	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

ensure that deficiencies are corrected. The fire prevention unit shall test, inspect, and ensure the maintenance of fire extinguishers at KSC, CCAFS, and the Florida Annexes (**excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes**), according to NFPA's inspection frequency requirements. As part of its public fire and safety education programs the fire department shall provide periodic publications focused on fire prevention and safety. **(Mod 506)**

3.1.1.1 Fire Stations. The fire department shall staff 5 fire stations in 2 divisions, 24 hours a day, 365 days a year, to meet the emergency response mission of KSC and CCAFS. The KSC shall have 1 task force station and 2 satellite stations and CCAFS shall have 1 task force station and 1 satellite station that are staffed to handle emergencies based against defined response matrixes. All emergency responses shall comply with OSHA 1910.134 requirements for required personnel on scene to enter a fire area. Emergency response at the Florida Annexes (**excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes**) shall be accomplished through local mutual aid agreements. (Mod428)(**Mod 506**)

3.1.1.2 Fire Equipment and Services. The fire department shall conduct formalized shift turnover meetings to ensure that all on-duty personnel are informed of activities scheduled for their shift, including special scheduled work details, training requirements, and any special activities. Each shift shall perform detailed inspections of all emergency response apparatus and equipment, inspect their protective clothing, and ensure that all emergency response elements are functional. All fire apparatus pumps shall be tested annually per NFPA 1911; all aerial ladders shall be tested annually per NFPA 1914; and all ground ladders shall be tested annually per NFPA 1931. All fire department SCBA shall be tested and maintained annually per NFPA 1404 and manufacturer's requirements. All fire hoses shall be tested annually per NFPA 1962. The Chief Officer, with responsibility for the fire apparatus and equipment at the Shuttle Landing Area, shall ensure that all equipment is inspected daily. The Shuttle Landing Facility (SLF) shall be manned during all aircraft operations outlined in Federal Aviation Regulation (FAR) Part 139. All fire department personnel shall be trained and qualified to respond to all aircraft take-offs and landings, to include aircraft emergencies and shuttle landings at KSC and CCAFS, in compliance with NFPA 403 and Federal Aviation Regulation (FAR) Part 139. (Mod 428)

In addition, all fire department personnel shall be trained and equipped to respond to shipboard emergencies at the port. All emergency service and daily communications for the fire department shall be managed through the Joint Communications Control Center (JCCC). The fire department's Incident Commander on scene shall manage all emergency operations; all communications shall be through the dispatch center.

3.1.1.3 Response and Standbys. The fire department shall support all stand-by requirements of NASA-KSC and CCAFS through an "in-district" response readiness posture. In-district is defined as "fire rescue personnel and equipment to include Emergency Medical Service are available for immediate response to a scheduled hazardous operation within their response district in the event of an incident. They are not necessarily positioned in their respective station but may be in their geographical response district."

The fire department shall provide a rapid intervention crew to provide emergency back-up during interior fire ground operations when they exceed initial response guidelines. This concept of emergency response shall ensure that the required manpower and equipment are on scene and available to safely manage, contain, control, and mitigate emergencies at KSC and CCAFS. In addition, the fire department shall maintain, on each shift, personnel required to handle

3.3 INFORMATION TECHNOLOGY

SGS shall provide computer and designated communications support for KSC as described below; this includes preparing an IT Investment and Purchase Plan, as specified by Data Requirement Item 3.3-01.

3.3.1 Computer Systems. SGS shall provide operations and maintenance, sustaining engineering (SE), configuration management, database administration, and user support for existing and/or new automated applications/systems supporting KSC institutional and other base operation disciplines (such as KIMS and CMD5).

3.3.1.1 General Requirements. SGS shall perform the following tasks:

- Provide coordination, SE, and configuration control board support (including demonstrating systems enhancements) for the KSC-led, multi-agency SPECSINTACT;
- Support planning and implementation of new/re-engineered NASA wide and KSC systems/applications (such as IFMP);
- Provide client/server and database management capability and systems, plus functional and physical interface to external providers of mainframe, desktop, and communication services;
- Ensure year 2000 compliance for all existing and/or new applications/systems (including COTS products), and provide quarterly input for Center report to Office of Management and Budget (OMB);
- Support NASA in reviewing and implementing Chief Information Officer (CIO) directives and standards, and comply with those directives after they have been adopted;
- Provide a semi-annual Information Technology Plan that identifies priorities and schedules for IT systems support and re-engineering efforts; and
Perform risk management, disaster recovery, and security for supported systems/applications.

Performance Standard		
3.3.1-1	(PS)	Computer systems and applications shall be operational and/or available 99% of the time, with unscheduled downtime not exceeding four hours for critical systems or 12 hours for non-critical systems for each incident.
3.3.1-2	(PS)	Unauthorized actions that result in system access, denial of service, loss of data, loss of system or data integrity, or disclosure of sensitive information shall be reported to the Government within two hours of detection.
3.3.1-3	(PS)	Year 2000 Compliance Metrics shall be maintained, met, and reported.
3.3.1-4	(PS)	98% of IT milestones and products shall be provided as scheduled or as negotiated with the customer.
3.3.1-5	(PS)	98% of software deliverables shall run without error two weeks of delivery to the customer.
3.3.1-6	(PS)	System up-time and maintenance response shall be complied with 100% of the time.
3.3.1-7	(PS)	The IT Security Plan shall be complied with 100% of the time.

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3.1.1.9 Fire Inspection and Prevention. The contractor shall develop and maintain a Fire Inspection program. The contractor shall participate in facility or operational walk downs as required by OMI. The contractor shall identify all reportable fire discrepancies and track these until closure. The contractor shall coordinate inspections and discrepancy closure with the SPOC, CAPPs, and other contractors. **(Mod 402)**

Permits. The contractor shall prioritize and issue permits (Burn/POL) for scheduled, as well as short-notice, welding and burning/POL operations in all areas of KSC, CCAFS, and the Florida Annexes, **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)** except when other contractors may be responsible for issuing permits. Preceding the start of work AF request must be submitted 72 hours in advance and NASA request are 48 hours prior **(Mod 428) (Mod 506)**.

Fire Extinguishers. The contractor shall select, purchase, install, and inspect portable fire extinguishers for those facilities, and areas identified by the customer, in accordance with NFPA 10. However, fire inspectors are only required to inspect fire extinguishers at KSC/CCAFS and Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)** during the regularly scheduled facility inspection. **(Mod 428) (Mod 506)**

Fire Prevention Education. The contractor shall conduct fire evacuation drills and train the KSC/CCAFS and Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)**, populace in maintaining good fire safety habits, recognizing and eliminating fire hazards, reporting fire or emergency situations and evacuating facilities identified by customers. The contractor shall ensure that fire protection requirements are included in activities and projects on KSC/CCAFS. **(Mod 428) (Mod 506)**

3.1.1.10 Fire Protection Engineering. The contractor shall develop and implement a Fire Protection Engineering Program that shall govern KSC, CCAFS, and Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)**. The contractor shall provide Fire Risk Analyses and Fire Protection Engineering Surveys for required NASA and USAF facilities. **(Mod 506)**

The contractor shall witness all final acceptances of fire protection systems to ensure compliance with all applicable codes and standards.

The contractor shall perform review and support functions for design reviews on all new projects and modifications, including designs performed by other contractors. At a minimum, the initial and final stages of projects and modifications shall be reviewed.

3.1.1.11 Hazardous Material Emergency Response Support. The contractor shall respond to and mitigate all hazardous material spills or releases at KSC/CCAFS. Initial response to hazardous material incidents and spills at Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)** shall be accomplished through Mutual Aid Agreements. The contractor shall respond as needed and shall follow-up on all hazardous materials incidents at these locations. The contractor shall maintain the government-provided HAZMAT vehicle with the necessary equipment and materials to support the task. **(Mod 506)**

3.1.1.12 Fire Incident Reporting. Upon notification, the contractor shall report fire responses or incidents at KSC/CCAFS using the National Fire Incident Reporting System (NFIRS).

3.1.1.13 Fire Hydrant Flow Testing and Marking. The contractor shall develop a plan and flow test and mark all fire hydrants on KSC/CCAFS.

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hazardous materials emergencies, special rescue emergencies, and emergency medical situations.

3.1.1.4 Rescue and Firefighting. The fire department shall meet all customer requirements for Orbiter flight crew rescue and response to return to Launch Site Services (RTL) and landing mishaps at KSC and CCAFS. The fire department shall support all training (except dive training) and demonstration requirements requested by the customer. All emergency response activities shall be compliant with OSHA requirements for required personnel on scene to enter a fire area. (CCR 06-45, MOD 398)

3.1.1.5 Protective Clothing. All emergency service protective clothing (such as turn-out gear, Aircraft Rescue and Fire Fighting [ARFF] suits, HAZMAT suits, and uniforms) shall meet all current NFPA 1971, NFPA 1976, and OSHA requirements.

3.1.1.6 Health Examination and Physical Fitness. All combat/operations fire department personnel shall receive an annual medical physical based against an ergonomic review of the critical attributes required for emergency service operations. To ensure employee wellness, the fire department shall have physical fitness exercise requirements. Personnel shall exercise for a prescribed length of time during each on-duty shift. The fire department shall run an annual physical requirements test, which meets the requirements of NFPA 1500, based against the normal functions required on the fire ground. The test shall be used to establish a physical fitness baseline for each employee.

3.1.1.7 Minimum Personnel Qualifications. All fire department personnel assigned to combat operations shall meet Firefighter 2 and ARFF Firefighter qualifications. All firefighters who hold the rank of Driver shall be qualified to operate assigned fire apparatus (Structural/ARFF). Fire officers shall be qualified as Fire Officer I. Fire department training personnel shall meet Fire Instructor I qualifications. All fire inspection personnel assigned to perform fire inspections shall meet Fire Inspection I qualifications. Personnel assigned to perform as firefighter-paramedics shall meet all qualifications set forth by the contractor Medical Director and the State of Florida. All personnel assigned to perform specialized tasks, such as Astronaut Rescue, Technical Rescue, and Hazardous Material response shall be trained and qualified to perform said operations.

3.1.1.8 Fire Department Training. The fire department shall provide a fire service-training program that meets the requirements of OSHA and the NFPA Professional Qualifications standards. This training program shall provide classroom training from lesson plans, practical factor check-offs for required skills, drills, interactive exercises with support assets, college credit education programs, and evaluated drills.

All fire department members with an emergency response mission shall be required to meet annual training requirements consisting of the following: SCBA training, live fire training, driver training, HAZMAT training, a minimum of 12 fire training sessions, aircraft rescue and fire fighting, safety training, and fire prevention training. Additional requirements shall be assigned to meet the mission requirements of special skills training and the customer. All personnel assigned to the fire prevention unit shall receive training and course education on the requirements of their job (such as fire prevention inspections, testing of fire alarm systems, testing and maintenance of sprinkler systems, and fire extinguisher inspections). The fire department training program shall also run drills to ensure that all customer-established response times are maintained.

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
3.3	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			

3.1 PROTECTIVE SERVICES

The contractor shall provide protective services for KSC, CCAFS, and Florida Annexes to protect and safeguard personnel, property, information, and mission operations based on ability to prepare, respond, mitigate and recover. This includes long and short term activities, and emergency mitigations, as necessary based on a safe, flexible, objective, efficient, and innovative "Public Safety and Trust" program. Protective Services includes comprehensive Fire Protection, Emergency Preparedness, and Security Programs.

3.1.1 Fire Protection Program

The contractor shall provide a comprehensive, professionally managed fire prevention, fire protection, and emergency services program for NASA-KSC, CCAFS, and Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)**. Activities include: flight crew; high angle; confined space; aircraft; structural; vehicle and fire rescue; fire fighting; Return To Launch Sites (RTL) support; emergency response and standbys per Technical Exhibit # 3.1.1-01; consolidated training per agency requirements; aircraft and facility pre-fire plans; fire inspection; fire permits (Burn/Petroleum, Oil, and Lubricants (POL)); fire prevention education, inspection and maintenance of fire extinguishers; fire protection engineering; and fire hydrant flow testing. National Fire Incident Reporting System (NFIRS); and hazardous material emergency response support; support technical fire and rescue investigations; emergency medical services, and other agreed to services with outside entities. The fire department shall maintain fire investigative unit personnel that are trained to complete timely and accurate investigations of fires at KSC, CCAFS, and the Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)**. The contractor's Fire Chief shall actively participate in the local area mutual aid program. (Mod 428)**(Mod 506)**

The contractor shall standardize uniforms, turn-out gear, Self-Contained Breathing Apparatus (SCBA), and associated equipment.

The contractor shall centralize the fire department's rapid response of Advanced Life Support (ALS) Emergency Medical Services (EMS), including transport, to provide services for KSC and CCAFS.

The fire department shall manage all emergency operations, large or small, with a consistent, nationally accepted Incident Management System that complies with NFPA. Personal Accountability on the incident scene shall be a priority consideration by the fire department's Incident Commander and shall be managed in compliance with NFPA.

The mission focus of the fire department shall be fire prevention. This mission shall be supported by the department's operations level, training and education section, and fire prevention unit, as well as through the use of required engineering disciplines to support the prevention posture of the fire department. The fire department shall use a system of work and personnel asset management to support the required missions of KSC, CCAFS, and the Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)****(Mod 506)**.

The fire prevention unit shall, through a planned inspection program, continually assess the fire-safe posture of KSC, CCAFS, and the Florida Annexes **(excluding the Malabar, Cocoa Beach, & Melbourne Beach Annexes)** based upon NFPA and State of Florida standards and requirements. The contractor shall identify problem areas and immediately correct imminent danger situations. All inspections shall be documented, with follow-up and closure activities, to

3.3.2 Communications. SGS shall operate and maintain the administrative/institutional computer and data communication systems and their associated equipment and data communications circuits/cables, and provide end user computer/workstation support. In accomplishing these activities, SGS shall ensure the end-to-end integrity of all communications equipment, and provide resources required to support J-BOSC responsibility.

3.3.2.1 General Requirements. SGS shall provide communication support for NASA administrative and institutional management, including:

- Local area networking and administrative communications;
- Provide network management, planning and requirements coordination, operation and maintenance, SE, and upgrade of the Kennedy Data Network;
- Interface with the KSC cable plant, backbone, and other communication systems and providers;
- Provide low bandwidth video, pagers, and Video Teleconferencing Systems (VITS) operation and administration. **(Mod 506)**