

DUPLICATE ORIGINAL

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 8
---	--	---------------------	---------------------------

2. AMENDMENT/MODIFICATION NO. 334	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	CODE OPOS	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 2411 Dulles Corner Park, Suite 500 Herndon, VA 20171-3430	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-99001
	10B. DATED (SEE ITEM 13) August 21, 1998

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Contracting Officer for current Accounting & Appropriation Data

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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

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

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

The purpose of this modification is to incorporate the following no-cost changes as shown below and reflected on the attachments:

1. Revise Section J, Attachment J-1 (SOW) to delete reference to KHB 1710.2, Kennedy Space Center Safety Practices Handbook and replace with KNPR 8715.3(T), KSC Safety Practices Procedural Requirements.
 - WBS 1.2, Safety and Health
 - WBS 1.2.1.2, Institutional Safety
 - WBS 1.4.3, GIDEP
 - WBS 2.1.2.3.1, J-BOSC Managed Pressure Vessel/Systems (PV/S)
 - Appendix A – Tailored Documents
2. Revise Section J, Attachment J-4, Compliance Documents, to reflect the above.

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 //signed// <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED 6 Jun 2006	16B. UNITED STATES OF AMERICA BY //signed// <small>(Signature of Contracting Officer)</small>	16C. DATE SIGNED 7 Jun 2006

1.2 SAFETY AND HEALTH

The contractor shall partner with NASA-KSC and the 45th Space Wing to maintain public safety and trust as well as the safety of the workforce. The contractor shall maintain safe operating locations and be innovative in the protection of personnel and property. The contractor shall establish, implement, and maintain a comprehensive safety and health program that meets current: Programmatic requirements, federal law, and nationally recognized consensus standards referenced within OSHA, NASA guidelines, handbooks, specifications, and standards, and is effective in the identification and mitigation of risks. The safety and health program shall be fully documented and auditable and the contractor shall support government audit and surveillance activities of contractor plans, procedures, and processes when deemed necessary by the government. Contractor internal assessments, results, and surveillance activities shall be made available and auditable by the government. The contractor shall comply with safety and health requirements set forth in EWR 127-1 Eastern and Western Range Safety Policies and Processes; **KNPR 8715.3(T), KSC Safety Practices Procedural Requirements,** and programmatic requirements. **(Mod 334)**

1.2.1.2 Institutional Safety. The contractor shall conduct safety inspections of all contractor-occupied facilities on a quarterly basis. The inspections shall be formally documented and all findings tracked to closure. Qualified safety professionals shall perform inspections at least annually.

All injuries, damage and close calls resulting from contractor activities shall be investigated and have appropriate corrective action taken. The contractor shall electronically enter all mishaps meeting the criteria for Type A through Type D mishaps as defined in **KNPR 8715.3(T), 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 DRD 1.1-04, Report Anomaly. **(Mod 334)**

The contractor shall establish and implement a construction safety program to ensure that contractor and subcontractor construction operations comply with appropriate requirements and are performed in a safe manner. This program shall include weekly site safety surveillance of all active construction sites awarded by the contractor by qualified safety personnel, documentation and mitigation of all identified hazards, a process to ensure that all construction personnel have all required training and certifications, a process to coordinate with other KSC and CCAFS organizations that could be negatively impacted by the construction activity, and review of subcontractor safety plans.

The contractor shall provide safety support for the Spaceport public events and visitor programs under the contractor's control. This includes ensuring that facilities, systems, equipment, and services provided by the contractor are safe and ready for use prior to the public event, that traffic control and parking plans are adequate and do not pose any hazards to vehicles and pedestrians, and that any equipment leased, rented, or provided by the contractor from off-site locations is properly assembled and safe for use.

In the event that the contractor determines the need to vary from a government requirement, a formal request must be processed through the appropriate variance review and approval system. The contractor shall perform risk assessments for all variances requested to safety procedures and processes. The risk assessment shall be performed to a managerial level 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. Requests for a variance to safety requirements (where the only justification is to meet schedules or cost) will be denied.

The contractor shall continue participation in the OSHA Voluntary Protection Program (VPP) as a STAR Site.

1.4.3 GIDEP

The contractor shall participate in the Government/Industry Data Exchange Program (GIDEP) in accordance with the requirements of the GIDEP S0300-BT-PRO-010 and S0300BU-GYD-010. The contractor shall review all Failure Experience Data GIDEP ALERTS, GIDEP SAFE-ALERTS, GIDEP Agency Action Notices, and NASA Advisories to determine if they affect the contractor products produced for NASA. For GIDEP ALERTS, GIDEP SAFEALERTS, GIDEP Problem Advisories, GIDEP Agency Action Notices, and NASA Advisories that are determined to affect the program, the contractor shall take action to eliminate or mitigate any negative effect to an acceptable level. The contractor shall generate the appropriate failure experience data report(s) (GIDEP ALERT, GIDEP SAFE-ALERT, GIDEP Problem Advisory) in accordance with the requirements of GIDEP S0300-BT-PRO-010 and S0300BU-GYD-010, and **KNPR 8715.3(T), KSC Safety Practices Procedural Requirements**, whenever failed or nonconforming items, available to other buyers, are discovered during the course of the contact. **(Mod 334)**

2.1.2.3.1 J-BOSC Managed Pressure Vessel/Systems (PV/S). The contractor shall manage and implement the PV/S In-service Inspection (ISI) process in accordance with **KNPR 8715.3(T), KSC Safety Practices Procedural Requirements**, for vessels/systems as listed in Technical Exhibit 2.1.2-001. **(Mod 334)**

The contractor shall perform any required PV/S Certifications for vessels/systems, as listed in Technical Exhibit 2.1.2-001, to applicable American Society of Mechanical Engineers (ASME) pressure vessel or piping standards.

The contractor shall maintain the NASA PV/S database for J-BOSC PV/S units as listed in Technical Exhibit 2.1.2-001.

APPENDIX A – TAILORED DOCUMENTS

SOW Paragraph	Document Number or Description	Document Title	Description of Tailoring to be Performed
1.2	EWR 127-1(T) KNPR 8715.3(T)	Eastern and Western Range Safety Policies and Processes KSC Safety Practices Procedural Requirements	In tailoring these documents, SGS proposes to adopt all sections of both the Eastern and Western Range Safety Policies and Processes and the KSC Safety Practices Procedural Requirements for integration into a single SGS internal Safety Plan. Our process will be to first develop an outline consisting of similar safety requirements from both documents, supplement the outline with unique items from both documents, and then fill the outline using material from both documents. We will clearly specify agency applicability throughout the merged document. (Mod 334)
2.1.1.3	UFC 3-260-1 AFPAM 90-902	Design: Airfield and Heliport Planning and Design Operational risk management (ORM) guidelines and tools	These compliance documents are listed in Attachment J-4. The contractor is required to comply with these documents only when the government provides 3-C funding to perform the Operational Risk Management assessments.
3.1.1	NFPA 1561	Fire Department Incident Management	In tailoring this document, the Fire Department proposes to use NFPA 1561 as the basis for managing all types of emergency incidents. NFPA 1561 is the basis for the nationally accepted system for incident management.
3.1.1	NFPA 1	Fire Prevention Code	In tailoring this document the Fire Department will use this code as the basis for its fire prevention program.

APPENDIX A – TAILORED DOCUMENTS

SOW Paragraph	Document Number or Description	Document Title	Description of Tailoring to be Performed
1.2	EWR 127-1(T) KNPR 8715.3(T)	Eastern and Western Range Safety Policies and Processes KSC Safety Practices Procedural Requirements	In tailoring these documents, SGS proposes to adopt all sections of both the Eastern and Western Range Safety Policies and Processes and the KSC Safety Practices Procedural Requirements for integration into a single SGS internal Safety Plan. Our process will be to first develop an outline consisting of similar safety requirements from both documents, supplement the outline with unique items from both documents, and then fill the outline using material from both documents. We will clearly specify agency applicability throughout the merged document. (Mod 334)
1.2.1.2	KNPR 8715.3(T)	KSC Safety Practices Procedural Requirements	
1.4.3	KNPR 8715.3(T)	KSC Safety Practices Procedural Requirements	
2.1.1.3	UFC 3-260-1 AFPAM 90-902	Design: Airfield and Heliport Planning and Design Operational risk management (ORM) guidelines and tools	These compliance documents are listed in Attachment J-4. The contractor is required to comply with these documents only when the government provides 3-C funding to perform the Operational Risk Management assessments.
2.1.2.3.1	KNPR 8715.3(T)	KSC Safety Practices Procedural Requirements	

COMPLIANCE DOCUMENTS

WBS	Document Number	Rev. Date	Document Name	Mod Number
1.1.1.1	45 SW Base Support Policy	06/00	Policy for Commercial Launch/Range Customers on Sources of Base Support	Mod 205
1.1.1.1	KPD 8630.3C	09/03	KSC Shuttle Process Flight Readiness Certification Review Plan	
1.1.1.1	ELV/EELV 501.97	Draft	Universal Document System	
1.2	29 CFR 1910.119	11/95	Process Safety Management Standard	Mod 205
1.2	EWR 127-1 (T)	03/95	Eastern and Western Range Safety Policies and Processes	
1.2	KNPR 8715.3 (T)	12/04	KSC Safety Practices Procedural Requirements	Mod 255
1.2.1.2	KNPR 8715.3(T)	10/04	KSC Safety Practices Procedural Requirements	
1.3.2	45 SWI 65-601	06/03	Reimbursement Policy	Mod 205
1.3.2	NPR 9501.2D	05/01	NASA Contractor Financial Management Reporting	Mod 205
1.4.1	ANSI/ISO/ASQ-9001-2000	12/00	Standard, "Quality Systems-Model for Quality Assurance in Design, Production, Installation and Servicing"	Mod 205
1.4.1	NHB 5300.4 (1B)	04/69	Quality Program Provisions for Aeronautical & Space System Contractor	
1.4.1	KNPR 8720.1	11/04	KSC Reliability, Maintainability, and Quality Assurance Procedural Requirements	Mod 266
1.4.2	NSTS 22206	07/01	Requirements for Preparation and Approval of Failure Modes and Effects Analysis (FMEA) and Critics Items List (CIL)	Mod 205
1.4.2	NASA STD 8719.7	01/98	Facility System Safety Guidebook	Mod 205
1.4.2	NSTS 07700 Volume V	10/03	Information Management Requirement	Mod 205
1.4.2	NSTS 22206	07/01	Requirements for Preparation and Approval of Failure Modes and Effects Analysis (FMEA) and Critics Items List (CIL)	Mod 205
1.4.2	NSTS 22254	07/01	Methodology for Conduct of Space Shuttle Hazard Analyses	Mod 205
1.4.2	NSTS 07700, Volume X	10/03	Flight and Control System Specification – Book 1, Requirements	Mod 205
1.4.2.1	NASA-STD-8729.1	12/98	Planning, Developing, and Managing an Effective Reliability and Maintainability (R&M) Program	Mod 205
1.4.3	KNPR 8715.3(T)	10/04	KSC Safety Practices Procedural Requirements	Mod 334
1.4.3	GIDEP S0300-BT-PRO-010 and S0300-BU-GYD-010	11/94	Government/Industry Data Exchange Program (GIDEP) Operation Manual	Mod 205
2.1	NPG 8820.2C	04/97	Facility Project Implementation Handbook	Mod 205
2.1	NAS-STD-8719.11	08/00	Safety Standard for Fire Protection	Mod 205

COMPLIANCE DOCUMENTS

WBS	Document Number	Rev. Date	Document Name	Mod Number
2.1.1	NAVFAC MO-322	07/77	Inspection of Shore Facilities, Volume 1	
2.1.1.1	AFI 32-9005	09/94	Real Property Accountability and Reporting	
2.1.1.1	NPD 8800.14B	11/02	Policy for Real Property Management	
2.1.1.1	AFI 32-9001	07/94	Acquisition of Real Property	Mod 205
2.1.1.1	AFI 32-9002	11/93	Use of Real Property Facilities	Mod 205
2.1.1.1	AFI 32-9003	08/97	Granting Temporary Use of Air Force Real Property	Mod 205
2.1.1.1	AFI 32-9004	07/94	Disposal of Real Property	Mod 205
2.1.1.2	KHB 1200.1E	04/01	Facilities, Systems, and Equipment Management Handbook	Mod 205
2.1.1.2	45 SWI 32-1007	06/98	Building Space Assignment – CCAFS & FL Annexes	Mod 205
2.1.1.3	AFI 32-7062	10/97	Air Force Comprehensive Planning	Mod 205
2.1.1.3	AFPAM 90-902	12/00	Operational Risk Management (ORM) Guidelines and Tools	Mod 205
2.1.1.3	UFC 3-260-1	11/01	Design: Airfield and Heliport Planning and Designing	Mod 205
2.1.1.4	AFI 32-1021	01/03	Planning and Programming of Facility Construction Projects	Mod 205
2.1.1.4	AFI 32-1022	06/94	Planning and Programming Non-appropriated Fund Facility Construction Projects	Mod 205
2.1.1.5	PLP-MP-RP01	12/03	CCSGIS Maintenance Plan	Mod 205
2.1.1.17	OPNAVINST 11010.34	02/87	Instructions for Preparation and Submission of the Type “A” Annual Inspection Summary and Narrative Assessment	Mod 205
2.1.2.1	45 SW Facilities Excellence Plan (FEP)	04/01	45 SW Facilities Excellence Plan (FEP)	Mod 205
2.1.2.3.1	KNPR 8715.3(T)	10/04	KSC Safety Practices Procedural Requirements	Mod 334
2.1.2.3.1	FAA AC 150/5320-12C	03/97	Measurement, Construction, and Maintenance of Skid-resistant Airport Pavement Surfaces	Mod 205
2.1.2.3.2	State of Florida Statue 335.074	2003	Safety Inspections of Bridges	Mod 205
2.1.2.3.2	FAA AC 150/5380-6A	07/03	Guidelines and Procedures for Maintenance of Airport Pavements	Mod 205
2.1.2.3.4	Part 49 CFR, Chapter 1, Subchapters A,B, and C, Chapter III, Subchapters A and B	10/03	Code of Federal Regulations	Mod 205
2.1.2.4	Facility Number Report (CMDS/CID)	11/97	Facility Number Report (CMDS/CID)	Mod 205
2.1.4	AFEPPM 96-3	06/96	Air Force Energy Program Procedural Memorandum	
2.1.4.1	NPR 8570.1, Chapter 4	03/01	Energy Efficiency and Water Technology and Practices	Mod 205