

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   6	
2. AMENDMENT/MODIFICATION NO. <b>481</b>		3. EFFECTIVE DATE <b>See Block 16C</b>	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 <b>OPOS</b>	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.		
<h1>Original</h1>			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS10-99001</b>		
			10B. DATED (SEE ITEM 13) <b>August 21, 1998</b>		
CODE	FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<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.					
1. ACCOUNTING AND APPROPRIATION DATA (If required)					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO 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: <b>X FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984)</b>					
D. OTHER (Specify type of modification and authority)					
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
<p>This modification increases the contract estimated cost and fee to support increased Construction Services for NASA-KSC Facilities Related and Equipment Projects. The period of performance is from October 15, 2007 through September 30, 2008. The contract estimated cost and fee is increased by \$1,446,414 (cost) and \$115,713 (fee) for a total increase of \$1,562,127.</p> <p>This change revises Article B-3, Contract Value, Article B-4, Award Fee, Article G-2, Contract Funding and Section J-1 Statement of Work paragraphs 1.4.2 Systems Safety, 2.1.3 Construction Engineering, 2.1.3.2 Construction Services, 2.1.3.3 Construction Cost Engineering, 3.5.3.3 NASA Environmental Program Support and Technical Exhibit 2.1.3-001 as shown on the attached pages.</p> <p>In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</p>					
15A. NAME AND TITLE OF SIGNER (Type or print) Victoria G. Lockard Director, Contracts			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Bryce D. Collins Contracting Officer		
15B. CONTRACTOR/OFFEROR <i>Victoria G. Lockard</i>		15C. DATE SIGNED <i>8 Nov 07</i>	16B. UNITED STATES OF AMERICA <i>Bryce D. Collins</i>		16C. DATE SIGNED <i>11/8/07</i>
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

Original

October 2007

**CONSTRUCTION SERVICES, WBS 2.1.3** Modification (192, 331, 436, 481)  
**Field Surveillance and Associated Inspection Services**

**NASA-KSC FACILITIES RELATED AND EQUIPMENT**

**PROJECT BASELINE:**

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CONTRACT PERIOD:	FY:	VALUE:
Contract Year 1	FY 99	\$ 17,400,000
Contract Year 2	FY 00	\$ 21,000,000
Contract Year 3	FY 01	\$ 20,000,000
Contract Year 4	FY 02	\$ 17,400,000
Contract Year 5	FY 03	\$ 31,500,000
<b>BASIC Sub-total:</b>		<b>\$ 107,300,000</b>
Contract Year 6	FY 04	\$ 36,700,000
Contract Year 7	FY 05	\$ 25,300,000
Contract Year 8	FY 06	\$ 48,285,000
Contract Year 9	FY 07	\$18,119,000 <u>+35,104,000</u> <u>\$53,223,000</u>
Contract Year 10	FY 08	\$24,008,000 <u>+5,083,000</u> <u>\$29,091,000</u>
<b>OPTION Sub-total:</b>		<b>\$192,599,000</b>
<b>TOTAL:</b>		<b>\$299,899,000</b>

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**NOTES:**

- The original annual baseline established in the workload data of the request for proposal was \$17,400,000. Baseline value is estimated construction activities to be implemented/completed during the period.
- This project baseline applies to J-BOSC services for construction management, project management, design engineering, operations and maintenance documentation, maintenance engineering, fire prevention services and environmental support. Environmental support is added in Contract Year 10.
- The support is for projects that are being implemented through the NASA/KSC Procurement Office. It does not include support for projects outsourced to J-BOSC or other support contractors.

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# NAS10-99001

## JOINT BASE OPERATIONS AND SUPPORT

### CONTRACT

#### 1.4.2 Systems Safety

All F/S/E of the following types that will be turned over to the contractor for O&M, that have either been temporarily turned over to the government for modification or repair ~~(CofE)~~ or are a part of new construction shall be verified/validated through a partnered process as operational to support required mission milestones: **(Mod 481)**

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- F/S/E that is deemed a "critical system" per NSTS 22206
- ~~Non-Critical/MEE F/S/E which have a Combined ORMSD/SAA Assessment (COSA) per Technical Exhibit 2.1.2-003~~
- Non-critical high/medium voltage F/S/E (for the purpose of ensuring that modifications to the non-critical portion of the system do not impact the critical portions of the system).

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#### 2.1.3 Construction Engineering

The contractor shall perform construction management, construction services, field surveillance and inspection, construction cost engineering, land surveying, facility activation and turnover support, environmental consultation, and associated planning, scheduling, and administrative support for those construction projects implemented by the contractor or implemented by others and assigned to the contractor for construction engineering support. **(Mod 481)**

The contractor shall provide construction engineering services beginning with environmental consulting and coordination during the project planning and design phase. The contractor shall also provide constructability reviews at the 90% design phase. Support shall continue through the construction, beneficial occupancy, activation/turnover, and warranty program phases. **(Mod 481)**

**2.1.3.1 Construction Management.** The contractor shall provide project and construction management support for all facility projects assigned to the contractor for design, construction

management, and/or implementation. The contractor shall implement a construction management approach that provides high-quality construction performance and facilities that meet functional requirements on schedule and within approved funds. The contractor shall ensure that all bid packages contain complete and detailed documentation that fully describes each facility configuration, performance requirement and the intent for the facility construction work, including environmental permitting and construction. The contractor shall track, analyze and report project status, scope, schedule, and cost. The contractor shall address these items monthly and report on variances from agreed upon cost and schedule.

**2.1.3.2 Construction Services.** The contractor shall provide field surveillance and associated inspection services to ensure successful implementation of facility, equipment and Program projects per Technical Exhibit 2.1.3-001. The contractor shall provide inspection services, while focusing on safe and environmentally sensitive execution of facility, equipment and Program projects. The contractor shall perform daily site visits and witness specified on-site acceptance testing and mandatory inspection points. The contractor shall document non-conformance with drawing, specifications, contract provisions, and safety regulations. The contractor shall prepare and track punch list items to completion. The contractor shall coordinate shop support for outages, system testing, and utility locates. (Mod 481)

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The contractor shall provide environmental support to NASA facility, equipment and Program projects as required. The contractor shall provide environmental consulting expertise and coordination throughout the project delivery process. The contractor shall provide consultant services at the Project concept, NASA Program Operating Plan, Preliminary Engineering Report, Engineering Design and Project Construction phases. The contractor shall provide input to the identification of potential environmental compliance requirements and documentation of requirements necessary to ensure that environmental requirements are adequately scoped. The contractor shall participate at pre-work meetings to ensure that environmental requirements are communicated to all contractors. The contractor shall supplement inputs from other environmental subject matter experts from NASA, consulting engineers, and various J-BOSC organizations to support the planning and design engineering phases of facility, equipment and Program projects. This support will also include project field implementation consultation for environmental requirements such as waste management, stormwater pollution prevention plans, etc. and the monitoring of field compliance with KSC/regulatory requirements and best practices. (Mod 388) (Mod 481)

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The contractor shall provide tracking and distribution support for construction contractor shop drawings, material submittals, and other information provided for government review and approval. The contractor shall maintain submittal tracking logs to track the review and approval process. The contractor shall maintain submittal files as official Government records. The contractor shall maintain tracking logs for construction contract change orders and supplemental agreements. The contractor shall track estimated, proposed, evaluated, and negotiated costs.

The contractor shall have construction inspectors on the job site when needed to support significant construction operations, critical inspection points, acceptance tests, and final inspections.

**2.1.3.3 Construction Cost Engineering.** The contractor shall provide facilities, systems, and equipment cost estimating and cost engineering services to support construction activities. The contractor shall provide construction cost engineering and scheduling support for assigned projects. The contractor shall review, analyze, and provide recommendations regarding contractor progress schedules, pay requests, cost proposals, and claims.

The contractor shall prepare complete findings of facts, including impact assessments for claims and proposed change orders with supporting cost estimate, for use by the Government on those construction contracts under surveillance. Cost analysis and estimating construction support

shall be as requested for projects under surveillance commencing no later than project notice to proceed.

The contractor shall review and analyze construction activities in accordance with the following schedule or by the negotiated due date 90% of the time:

- Construction schedule – 3 days
- Pay request – 3 days
- Cost proposals – 10 days
- Claims – 30 days

The contractor shall conduct independent assessments and cost estimation of selected facility, equipment and Program projects, including quality control of project cost estimates. The contractor shall maintain the capability to perform life cycle cost analyses of facility, equipment and Program projects. The contractor shall develop and maintain a project cost element database, including monthly cost indices, for facility, equipment and Program projects. The contractor shall develop reports that analyze project bids and compare the bids against official government estimates. (Mod 481)

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**2.1.3.4 Land Surveying.** The contractor shall provide survey support for verification of requested in-place construction to required elevations and grades for projects assigned to the contractor for construction management services and minor data collection support for customer use. Geographic Information System (GIS) standards shall be utilized to support real estate data for KSC, CCAFS, and the Florida Annexes for the GIS maintenance function.

**2.1.3.5 Facility Activation and Turnover.** The contractor shall implement a facility activation plan that ensures that new or modified facilities, systems and equipment procured by the government are coordinated, reviewed, and accepted by J-BOSC for engineering, operations, and maintenance responsibility.

In support of facility activation, the contractor shall prepare Interim and Final O&M turnover packages for assigned projects. The contractor shall participate in projects requirement reviews, design reviews, project status meetings, systems acceptance testing, and final inspections. The contractor shall prepare real property turnover packages for government signature and distribute to appropriate KSC/CCAFS O&M and Real Property Officers. The contractor shall ensure that all OMD documentation has been properly processed and distributed to responsible O&M support organizations.

Projects implemented by others require that turnover packages be provided to J-BOSC for integration of F/S/E assigned to the contractor for O&M responsibilities.

The contractor shall prepare and submit interim O&M turnover documentation within two weeks of customer's request after substantial completion.

The contractor shall prepare and submit final turnover documentation within 30 working days after completion and closure of all punch list items.

**3.5.3.3 NASA Environmental Program Support.** The contractor shall provide technical support to NASA in the preparation and review of National Environmental Policy Act (NEPA) documentation, wetlands related projects, and threatened and endangered species issues.

The contractor shall provide environmental support to NASA ~~facility, equipment and Program projects as required.~~ ~~Construction of Facilities (COF) projects.~~ The contractor shall provide environmental consulting expertise and coordination throughout the ~~project delivery~~ ~~COF~~ process. The primary tasks include providing consulting services at the Project Concept, Preliminary Engineering Report, Engineering Design and Project Construction phases. The tasks to be performed include: (Mod 374) ~~(Mod 481)~~

1. Providing input to the preparation of National Environmental Policy Act (NEPA) documentation (Environmental Checklist), identifying potential environmental compliance requirements, and document requirements necessary to ensure that ~~COF~~ environmental requirements are adequately scoped in applicable contracts. (Mod 374) ~~(Mod 481)~~

2. Participating at design review and pre-work meetings to ensure that environmental requirements are communicated to ~~all A&E and COF~~ contractors. This includes reviewing of designs, providing comments, coordinating between the NASA ~~COF~~ Project Manager and the NASA Environmental Program Branch, and building of pre-work work packages to further communicate environmental requirements. (Mod 374) ~~(Mod 481)~~

3. Tracking the environmental requirements for each project assigned and tracking the transfer of data between the NASA Project Manager and the Environmental Program Branch. (Mod 374)

4. Supplementing inputs from other environmental subject matter experts from NASA, consulting engineers, and various J-BOSC organizations to support the planning and design engineering phases of ~~facility, equipment, and Program~~ ~~COF~~ projects and serving as the principle Environmental point of contact for the NASA Project Manager. This support will also include project field implementation consultation for environmental requirements such as waste management, storm water pollution prevention plans, etc. and the monitoring of field compliance with KSC/regulatory requirements and best practices. (Mod 374) ~~(Mod 388)~~ ~~(Mod 481)~~

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<b>ARTICLE B-3 CONTRACT VALUE</b>			
<b>Basic Period Sep 98-30 Sep 03</b>			
The contract value is summarized below:			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
Phase-In Period (FFP) (Sept 1998)	\$1,113,486		1,113,486
<b>Basic Period Thru 475</b>			
10/01/98-09/30/00	\$396,406,378	\$23,187,199	419,593,577
Neg. Cost Overrun MOD 135	\$9,200,000	\$0	9,200,000
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No.</b>			<b>0</b>
Total FY99-FY00	\$405,606,378	\$23,187,199	428,793,577
(10/01/00-09/30/01)	\$215,635,118	\$13,106,768	228,741,886
Neg. Cost Overrun MOD 135	\$18,804,377	\$0	18,804,377
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No.</b>			<b>0</b>
Total FY01	\$234,439,495	\$13,106,768	247,546,263
(10/01/01-09/30/02)	\$234,055,207	\$14,098,312	248,153,519
Neg. Cost Overrun MOD 135	\$19,865,904	\$0	19,865,904
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No.</b>			<b>0</b>
Total FY02	\$253,921,111	\$14,098,312	268,019,423
(10/01/02-09/30/03)	\$247,365,902	\$15,357,411	262,723,313
Neg. Cost Overrun MOD 135	\$22,426,471	\$0	22,426,471
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No.</b>			<b>0</b>
Total FY03	\$269,792,373	\$15,357,411	285,149,784
<b>TOTAL BASIC PERIOD</b>	<b>\$1,164,872,843</b>	<b>\$65,749,690</b>	<b>1,230,622,533</b>
<b>Option Period 1 Oct 03 - 30 Sept 04</b>			
Option 1A			
(10/01/03-09/30/04)	\$244,075,599	\$15,352,803	259,428,402
Neg. Cost Overrun MOD 135	\$22,135,767	\$0	22,135,767
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No.</b>			<b>0</b>
Total FY04	\$266,211,366	\$15,352,803	281,564,169
Option 3BA			
(10/01/03-09/30/04)	\$2,322,030	\$185,762	2,507,792
Option 5BA			
(10/01/03-09/30/04)	\$321,092	\$25,687	346,779
<b>TOTAL OPTION 1A PERIOD</b>	<b>\$268,854,488</b>	<b>\$15,564,252</b>	<b>284,418,740</b>

<u>Option Period 1 Oct 04 - 30 Sept 06</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
Options Thru Mod 474			
OPTION 1B			
(10/01/04-09/30/05)	\$278,763,190	\$17,058,749	295,821,939
Neg. Cost Overrun MOD 135	\$25,895,945	\$0	25,895,945
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY05	\$304,659,135	\$17,058,749	321,717,884
(10/01/05-09/30/06)	\$259,760,241	\$13,909,908	273,670,149
Neg. Cost Overrun MOD 135	\$29,101,654	\$0	29,101,654
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY06	\$288,861,895	\$13,909,908	302,771,803
Option 3BB			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
Total Option 3BB	\$4,869,032	\$389,523	5,258,555
Option 5BB			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
Total Option 5BB	\$663,123	\$53,049	716,172
<b>TOTAL OPTION 1B Period</b>	<b>\$599,053,185</b>	<b>\$31,411,229</b>	<b>630,464,414</b>
<u>Option Periods 1 Oct 06 - 30 Sep 08</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
OPTION 1C			
(10/01/06-9/30/07)	\$243,755,471	\$12,747,569	256,503,040
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Total FY07	\$275,622,741	\$12,747,569	288,370,310
(10/01/07-9/30/08)	\$241,251,609	\$15,327,253	256,578,862
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 481</b>	<b>\$1,446,414</b>	<b>\$115,713</b>	<b>1,562,127</b>
Total FY08	\$276,146,860	\$15,442,966	291,589,826

	<b>Option Periods 1 Oct 06 - 30 Sep 08 Cont.</b>		
<b>Option 3BC</b>			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
<b>Total Option 3BC</b>	<b>\$5,161,408</b>	<b>\$412,913</b>	<b>5,574,321</b>
<b>Option 4BB</b>			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
<b>Total Option 4BB</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>Option 4BC</b>			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
<b>Total Option 4BC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Option 5BC</b>			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
<b>Total Option 5BC</b>	<b>\$673,715</b>	<b>\$53,897</b>	<b>727,612</b>
<b>TOTAL OPTION 1C Period</b>	<b>\$557,604,724</b>	<b>\$28,657,345</b>	<b>586,262,069</b>
<b>TOTAL CONTRACT</b>			
<b>VALUE SEP98-SEP08</b>	<b>\$2,590,385,240</b>	<b>\$141,382,516</b>	<b>\$2,731,767,756</b>
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

**ARTICLE B-4 AWARD FEE**

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 475	Total Award Fee For Mod 481	Adjusted Available Award Fee	Earned Award Fee Mod 475	Earned Award Fee Mod 480	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,790,689		\$9,790,689	\$9,105,655		\$9,105,655	93%Mod 283
14	04/01/05	09/30/05	\$8,979,160		\$8,979,160	\$8,170,894		\$8,170,894	91%Mod325
15	10/01/05	03/31/06	\$9,117,893		\$9,117,893	\$7,476,674		\$7,476,674	82%Mod350
16	04/01/06	09/30/06	\$8,041,072		\$8,041,072	\$6,658,007		\$6,658,007	82.8%Mod393
17	10/01/06	03/31/07	\$7,783,775		\$7,783,775	\$6,227,018		\$6,227,018	80%Mod430
18	04/01/07	09/30/07	\$8,084,205		\$8,084,205	\$8,084,205	(\$1,333,894)	\$6,750,311	83.5%Mod480
19	10/01/07	03/31/08	\$7,771,935	\$57,856	\$7,829,791				
20	04/01/08	09/30/08	\$7,792,366	\$57,857	\$7,850,223				
	<b>GRAND TOTAL</b>		<b>\$157,970,387</b>	<b>\$115,713</b>	<b>\$158,086,100</b>		<b>(\$1,333,894)</b>	<b>\$141,382,515</b>	<b>Earned &amp; Available</b>

ARTICLE G-2		CONTRACT FUNDING			
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:					
The below table is created with the beginning values based on modification 371					
As of MOD	Contract Value	Funded Cost	Funded Fee	Funded Cost/Fee	THROUGH
Subtotal as					
of Mod 371					
374	\$462,548	\$3,239,869	\$259,190.00	\$ 3,499,059	12/15/2008
376	\$244,132				
378	(\$13,628,301)				
379	(\$2,553,358)				
383	\$45,590,925	\$3,647,274	\$ 49,238,199		3/20/2006
384	\$121,375				
385	(\$703,275)				
388	\$207,277				
389	\$14,362,829	\$1,149,027	\$ 15,511,856		2/13/2007
391	(\$1,384,405)				
392	\$1,494,374				
393	(\$1,391,489)				
397	(\$1,733,940)				
399	\$69,924,188	\$5,593,935	\$ 75,518,123		5/16/2007
408	\$2,608,945	\$208,716	\$ 2,817,661		5/20/2007
410	(\$1,412,377)				
413	\$479,010	\$24,615,995	\$1,969,280	\$ 26,585,275	6/21/2007
417	\$479,010				
418	\$500,602				
420	\$27,867,048	\$2,229,364	\$ 30,096,412		7/27/2007
426	\$111,683	\$8,935	\$ 120,618		
428	(\$16,020,850)				
429	\$10,173,418	\$813,873	\$ 10,987,291		8/10/2007
430	(\$1,761,683)				
431	\$1,765,654				
435	\$761,649	\$60,932	\$ 822,581		8/11/2007
436	\$4,550,101				
439	\$10,548,358	\$843,869	\$ 11,392,227		8/24/2007
441	(\$310,070)				
443	\$1,063,268	\$85,061	\$1,148,329		8/27/2007
447	\$10,671,518	\$853,721	\$11,525,239		9/10/2007
450	\$6,446,229	\$515,698	\$6,961,927		9/18/2007
452	\$42,440				
458	\$4,940,238				
459	(\$43,040,000)				
460	(\$1,622,263)				
461	\$9,128,989	\$730,319	\$ 9,859,308		9/24/2007
462	(\$226,057)				
463	\$165,477	\$13,238	\$178,715		9/24/2007
466	\$839,187	\$67,135	\$906,322		9/25/2007
468	\$4,093,219	\$327,457	\$4,420,676		10/16/2007
469	(\$2,798,577)				
470	(\$660,742)				
471	\$7,843,791	\$627,503	\$8,471,294		10/25/2007
472	(\$1,513,687)				
473	\$8,384,650	\$670,772	\$9,055,422		11/6/2007
474	(\$300,067)				
475	\$219,899				
476	\$2,009,079	\$160,726	\$2,169,805		11/8/2007
478	\$12,445,137	\$995,611	\$13,440,748		11/21/2007
480	(\$1,333,894)				
481	1,562,127				9/30/2008
<b>TOTAL</b>	<b>\$2,731,767,756</b>	<b>\$2,304,179,622</b>	<b>\$185,351,833</b>	<b>\$2,489,531,455</b>	



**Cape Canaveral Spaceport Management Office  
(CCSMO)**

Mail Code: OP-OS-JP  
Kennedy Space Center, FL 32899

November 06, 2007

Reply to Attn of: OP-OS-JP

**TO:** Space Gateway Support, LLC  
Vicki Lockard  
Director, Contracts  
1980 N. Atlantic Ave., Suite 330  
Cocoa Beach, FL 32931

**SUBJECT:** Request for Signature on Mod 481; CCR 07-56 Increased CoF SIES Support  
FY08

Please find attached three copies of Modification # 481 for your review and signature. Please sign the enclosed three copies and return them to this office at your earliest possible convenience but not later than November 16 , 2007.



**BRYCE D. COLLINS**  
Contracting Officer

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE OF PAGES 1   6
2. AMENDMENT/MODIFICATION NO. <b>482</b>		3. EFFECTIVE DATE <b>See Block 16C</b>	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.	
<h1>Original</h1>				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS10-99001</b>	
				10B. DATED (SEE ITEM 13) <b>August 21, 1998</b>	
CODE	FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<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)					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>					
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).					
<input checked="" type="checkbox"/> C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984)</b>					
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 <u>3</u> 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 revise Section J, Attachment J-1, APPENDIX C – PERFORMANCE STANDARDS and Section J, Attachment J-9, GLOSSARY, ACRONYMS, AND ABBREVIATIONS as shown on the attached pages, and be effective immediately at <b>NO COST</b> to the government. The issuance of this modification supersedes all previous correspondence relative to the same subject.					
All other terms and conditions of the contract remain unchanged.					
In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.					
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 <i>Victoria G. Lockard</i> (Signature of person authorized to sign)		15C. DATE SIGNED <i>14 Nov 07</i>	16B. UNITED STATES OF AMERICA <i>E G Tweedie</i> (Signature of Contracting Officer)		16C. DATE SIGNED <i>15 NOV 07</i>

Original

10-11-1954

2.2.1-4	<p>100% of Type 2 emergency work orders shall be mitigated within 24 hours, 99% completed within 10 calendar days, and 100% completed within 60 calendar days of the original call.</p> <p>Exceptions for completion time requirements (Mod 482):</p> <ul style="list-style-type: none"> <li>■ <b><u>Access:</u></b> Customer denies access to premises for completion of work</li> <li>■ <b><u>Asbestos Plans:</u></b> Asbestos testing takes approximately 2-Weeks and then an Asbestos plan must be written and approved prior to commencing work</li> <li>■ <b><u>Long Lead Materials:</u></b> Materials that cannot be received in time to complete the work within the Metric requirements</li> <li>■ <b><u>Weather:</u></b> Work cannot be completed due to weather constraints (rain, high winds, etc.)</li> <li>■ <b>(AF Customer 2 Only) P&amp; E Support:</b> Work orders needing planning and estimating support for activities associated with Type 2, corrosion control planning, asbestos plans, silica plans, lead plans as well as environmental reviews</li> <li>■ <b>Work orders placed on dollar hold or on execution hold by customers</b></li> </ul>
2.2.1-5	<p>100% of Type 2 urgent work orders shall be mitigated within 72 hours, 98% completed within 20 calendar days, and 100% completed within 60 calendar days of the original call.</p> <p>Exceptions for completion time requirements (Mod 482):</p> <ul style="list-style-type: none"> <li>■ <b><u>Access:</u></b> Customer denies access to premises for completion of work</li> <li>■ <b><u>Asbestos Plans:</u></b> Asbestos testing takes approximately 2-Weeks and then an Asbestos plan must be written and approved prior to commencing work</li> <li>■ <b><u>Long Lead Materials:</u></b> Materials that cannot be received in time to complete the work within the Metric requirements</li> <li>■ <b><u>Weather:</u></b> Work cannot be completed due to weather constraints (rain, high winds, etc.)</li> <li>■ <b>(AF Customer 2 Only) P&amp; E Support:</b> Work orders needing planning and estimating support for activities associated with Type 2, corrosion control planning, asbestos plans, silica plans, lead plans as well as environmental reviews</li> <li>■ <b>Work orders placed on dollar hold or on execution hold by customers</b></li> </ul>

2.2.1-6	<p>90% of Type 2 routine work orders shall be completed within 30 calendar days, 98% completed within 60 calendar days, and 100% completed within 180 calendar days of the original call.</p> <p>Exceptions for completion time requirements (<b>Mod 482</b>):</p> <ul style="list-style-type: none"> <li>■ <b><u>Access</u></b>: Customer denies access to premises for completion of work</li> <li>■ <b><u>Asbestos Plans</u></b>: Asbestos testing takes approximately 2-Weeks and then an Asbestos plan must be written and approved prior to commencing work</li> <li>■ <b><u>Long Lead Materials</u></b>: Materials that cannot be received in time to complete the work within the Metric requirements</li> <li>■ <b><u>Weather</u></b>: Work cannot be completed due to weather constraints (rain, high winds, etc.)</li> <li>■ <b>(AF Customer 2 Only) P&amp; E Support</b>: Work orders needing planning and estimating support for activities associated with Type 2, corrosion control planning, asbestos plans, silica plans, lead plans as well as environmental reviews</li> <li>■ <b>Work orders placed on dollar hold or on execution hold by customers</b></li> </ul> <p>SGS will expend 74% of the Air Force Type 2C routine work order historical cost average each month. When that limit is reached, SGS will decline further requests for the remainder of that month and advise the customers that: a) SGS has reached the limit of the Wing's monthly budget; and b) the request may be resubmitted in a subsequent month. (<b>Mod 286</b>)</p>

<p><b>45<sup>TH</sup> Space Wing (45 SW)</b></p>	<p>Represents an organization that includes staff and line organizations at Patrick Air Force Base (PAFB), Cape Canaveral Air Force Station (CCAFS), Antigua Air Station, and Ascension Auxiliary Air Field. Tenant organizations and contractors at PAFB, CCAFS, Antigua Air Station, and Ascension Auxiliary Air Field are NOT part of the 45 SW "Organization".</p>
<p><b>Airworthiness</b></p>	<p>The capability of an aircraft to be operated within a prescribed flight envelope in a safe manner.</p>
<p><b>ALERT</b></p>	<p>A report used to rapidly disseminate information on a significant part, material, or safety problem of general concern, as part of the Government-Industrial Data Exchange Program (GIDEP).</p>
<p><b>Antigua Air Station</b></p>	<p>A fully manned tracking and instrumentation station located in the Lesser Antilles approximately 1,250 miles south of Cape Canaveral Air Force Station.</p>
<p><b>Ascension Auxiliary Air Field</b></p>	<p>A fully manned tracking and instrumentation station on a volcanic-rock island in the South Atlantic nearly 5,000 miles downrange from Cape Canaveral Air Force Station.</p>
<p><b>Avoidable Outage (Mod 482)</b></p>	<ul style="list-style-type: none"> <li>• The failure was foreseen or anticipated.</li> <li>• The failure could have been prevented by reasonable maintenance actions and the cost of said maintenance was justified prior to the failure.</li> <li>• The equipment was assigned to JBOSC at the time of the failure.</li> <li>• Evidence indicates that missed JBOSC maintenance may have contributed to the failure.</li> <li>• The failure was the result of poor workmanship from previous JBOSC repairs or maintenance.</li> <li>• The failure was the result of JBOSC personnel violating posted or published operational instructions.</li> </ul>
<p><b>Basic Information Guides (BIGs)</b></p>	<p>A reference document that compiles cartographic, topographic, geographic, photographic, historic and associated textual information covering facilities, utilities, instrumentation, communications and equipment located at CCAFS and the Florida annexes.</p>
<p><b>Cape Canaveral Air Force Station (CCAFS)</b></p>	<p>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. Name changed to Cape Canaveral Air Force Station (CCAFS) (Mod 135)</p>

**APPENDIX C – PERFORMANCE STANDARDS**

Number	Performance Description
<p><u>2.2.1-2a</u> <b>(Mod 482)</b></p>	<p><u>No Unplanned System Outages on critical and mission essential F/S/E/U shall result from an action or inaction by the contractor.</u></p> <p>Notes:</p> <ul style="list-style-type: none"> <li>▪ A list of "Avoidable" (attributable to action or inaction by the contractor) outages is provided in Section J, Attachment J-9 of this SOW</li> <li>▪ Program Metric # 6a is used to validate the contractor's compliance with this Performance Standard</li> </ul>
<p><u>2.2.1-2b</u> <b>(Mod 482)</b></p>	<p><u>Not more than one Unplanned System Outages on non-critical and non-mission essential F/S/E/U shall result from an action or inaction by the contractor.</u></p> <p>Notes:</p> <ul style="list-style-type: none"> <li>▪ A list of "Avoidable" (attributable to action or inaction by the contractor) outages is provided in Section J, Attachment J-9 of this SOW</li> <li>▪ Program Metric # 6b is used to validate the contractor's compliance with this Performance Standard</li> </ul>
<p>2.2.1-3</p>	<p>No more than 20 false fire alarms per month or 13 facility evacuations shall occur per month resulting from O/M/E attributed action/inaction of the contractor.</p> <p>Exceptions <b>(Mod 482)</b>:</p> <ul style="list-style-type: none"> <li>▪ Weather intrusion that could not have been prevented by base operation maintenance</li> <li>▪ Outside contractor influence not controlled through base operation construction monitors</li> <li>▪ Accidental activation by others (not on base operations contract)</li> <li>▪ An alarm that occurs during off hours and does not impact personnel is not counted as an evacuation.</li> </ul>

**Deleted:** 2.2.1-2

**Deleted:** Services and functions provided by all other F/S/E/U shall be ready to the user 98% of the time.¶

2.2.1-7	<p>90% of Type 3C work orders shall be completed on or before the original negotiated completion date unless the customer initiates a change to the work. <b>(Mod 232)</b></p> <p><b>Exceptions (Mod 482):</b></p> <ul style="list-style-type: none"> <li>▪ Customer requests a date change.</li> <li>▪ Material issues not associated with lack of identification</li> <li>▪ Manpower needed to support a Launch that was not on the schedule when the Target Completion Date (TCD) was agreed to.</li> <li>▪ Access denied or equipment needed to support a Launch that was not on the schedule when the TCD was agreed to.</li> <li>▪ Scope Change due to customer request</li> <li>▪ Unforeseen Site Conditions; environment issues, weather issue, etc.</li> </ul>
2.2.1-15	<p>100% of in-work Air Force Type 3C Work Orders shall be resubmitted to the Air Force for continued work approval prior to expending funds beyond the approved FDE level. <u>This will include all work for Air Force customers, (e.g., NOTU) (Mod 482)</u>_(Mod 232)</p>
2.2.1-16	<p>90% of Type 3C Work Orders shall have actual completion costs less than or equal to the original final design cost estimate, and additional addendum completion costs shall be less than or equal to the original addendum design cost estimate. <b>(Mod 232)</b></p> <p><b>Exceptions (Mod 482):</b></p> <ul style="list-style-type: none"> <li>▪ Labor rates and/or load rate increases</li> <li>▪ Material cost increases</li> </ul>

**Deleted:** 2.2.1-12

**Deleted:** 90% of requested Type 3C Work Order ROM estimates shall be within 25% of the Final Design Estimates (FDE). **(Mod 232)**¶

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 483		3. EFFECTIVE DATE Nov 16, 2007		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 1980 N. Atlantic Ave., Suite 300 Cocoa Beach, FL 32931				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	
CODE	FACILITY CODE				
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.					
1. 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.					
X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984) 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:				
	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor [X] is not, [ ] is required to sign this document and return 0 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 extend the definitization schedule identified in change order modification number 467, KSC FY08 Security Force Realignment, dated September 17, 2007.					
SF 30, Block 14, is changed from: "Definitization of this change order is expected to occur not later than 16 November 2007" to "Definitization of this change order is expected to occur not later than 18 January 2008".					
All other terms and conditions remain unchanged and in full force and affect.					
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
				Ernest G. Tweedie Contracting Officer	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
				USA	
(Signature of person authorized to sign)				Ernest G. Tweedie (Signature of Contracting Officer)	
				16C. DATE SIGNED 14 Nov 07	

Original

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTR. ID CODE	PAGE OF PAGES 1   5
2. AMENDMENT/MODIFICATION NO. <b>484</b>	3. EFFECTIVE DATE <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)	
6. ISSUED BY CODE <b>John F. Kennedy Space Center, NASA Procurement Office Kennedy Space Center, FL 32899</b>		7. ADMINISTERED BY (if other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Space Gateway Support, LLC 1980 N Atlantic Ave, Suite 330 Cocoa Beach, FL 32931</b>		9A. AMENDMENT OF SOLICITATION NO.		
<h1>Original</h1>		9B. DATED (SEE ITEM 11)		
		10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS10-99001</b>		
		10B. DATED (SEE ITEM 13) <b>August 21, 1998</b>		
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: <b>FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984)</b>				
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 <u>3</u> 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 modification is to <u>revise</u> Section J, Attachment J-1, APPENDIX C – PERFORMANCE STANDARDS 2.1.2-1 and 3.2.5-1; Section J, Attachment J-4, COMPLIANCE DOCUMENTS and <u>delete</u> APPENDIX C – PERFORMANCE STANDARDS 2.1.2-3, 2.1.2-4 and 2.1.2-5 as shown on the attached pages; and be effective immediately at <u>NO COST</u> to the government. The issuance of this modification supersedes all previous correspondence relative to the same subject.</p> <p>All other terms and conditions of the contract remain unchanged.</p> <p>In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</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) <b>Victoria G. Lockard Director, Contracts</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Ernest G. Tweedie Contracting Officer</b>		
15B. CONTRACTOR/OFFEROR <i>Victoria G. Lockard</i> (Signature of person authorized to sign)	15C. DATE SIGNED <i>28 Nov 07</i>	16B. UNITED STATES OF AMERICA <i>E. G. Tweedie</i> (Signature of Contracting Officer)	16C. DATE SIGNED <i>28 Nov 07</i>	

Orig.



**APPENDIX C – PERFORMANCE STANDARDS**

Number	Performance Description
1.1-1	No mission milestone schedule impact due to action or inaction of the contractor shall occur.
1.2-1	Vehicle Accident Rate will not exceed the prior 4 award fee period averages. Rate will be updated at the beginning of the fiscal year. (CCR 06-31, Mod 398)
1.3-1	Reserved
1.3-2	Monthly accrual estimates shall be 95% accurate to actual reported costs for the same period.
1.3-3	Reserved
1.3-4	Reserved
1.3-5	Minimize and fully reconcile the gap between Negotiated Estimated Cost (NEC) and actual cost per period and minimize and fully reconcile the gap between NEC and Operating Plan.
2.1.1-1	Reserved
2.1.1-2	Reserved
2.1.1-3	Reserved
2.1.1-4	97% of siting request packages shall be prepared within ten working days of receipt.
2.1.2-1	<del>99% of the changes and additions to the SPECSINTACT NASA Mastertext shall be completed correctly the first time.</del> Not more than 1% re-submission for correction of a previously completed Criteria Change Request (CCR) or addition to a NASA SpecsIntact Mastertext section. (Mod 484)
2.1.2-2	75% of all technical support questions shall be resolved within eight working hours. The remaining 25% of technical support calls shall be resolved within 24 working hours.
2.1.2-3	<del>The services provided (EDC) for critical and mission essential documentation shall be available to the user 100% of the time when essential to the user's activities as determined by the user.</del> (Mod 484)
2.1.2-4	<del>(EDC) 99% of requests shall be completed as negotiated between SGS and the requester, but in no case shall impact major program schedule milestones.</del> (Mod 484)
2.1.2-5	<del>90% of EDC master file shall be kept current, with no products later than 30 calendar days.</del> (Mod 484)
2.1.3-1	<del>Engineering design cost estimates shall be accurate to 90% of actual acquisition costs.</del> Deleted, in original request (Mod 232)
2.1.2-6	Engineering design completion rate shall be 90% of program schedule. (Mod 232)
2.1.3-3	Reserved
2.1.3-4	Reserved
3.1.3-5	Reserved
2.1.4-1	Energy reduction goals for all NASA J-BOSC Facilities shall be in accordance with the Energy Use Index (EUI in BTU/sf/yr) of 1.5% annual reduction for Standard Facilities and 0.67% annual reduction for Energy Intensive Facilities. (Mod 137) Metric on Engineering Website

Number	Performance Description
3.2.5-1	<del>100% Anomaly free flights. No aircraft in flight anomalies as a result of inadequate maintenance.</del> No anomalies during flights caused by scheduled/unscheduled maintenance. (Mod 484)

**NAS10-99001**

**JOINT BASE OPERATIONS AND SUPPORT**

**CONTRACT**

**ATTACHMENT J-4**  
**COMPLIANCE DOCUMENTS**

(MOD 484)

## COMPLIANCE DOCUMENTS

WBS	Document Number	Rev. Date	Document Name	Mod Number
3.2.5	FAAO 7110.65P	02/04	Air Traffic Control (SLF/Skid Strip)	Mod 232
3.2.5	FAAO 7220.2A	09/89	Operational Position Standards (SLF)	Mod 205
3.2.5	Federal Aviation Regulation (FAR) Part 139 (T)	06-04	Certification and Operations: Land Airports Serving Certain Carriers (SLF)	Mod 348
3.2.5	45 SWI 13-201	02/00	Eastern Range Airspace Management Procedures	Mod 205
3.2.5	NPR 7900-3	04/99	Aircraft Operations Management	Mod 205
3.2.5.1	FAA Approval Letter	12/01	Definition of NASA 4 Maintenance Program (PAFB)	Mod 205
3.2.5.1	FAR Part 43	01/02	Maintenance, Preventative Maintenance, Rebuilding and Alteration (PAFB)	Mod 205
3.2.5.1	TM 55-1520-210-23-1	Current	Technical Manual for Aviator Unit and Intermediate Maintenance Instructions (UH-1H Helicopter)	Mod 484
3.2.5.1	CMP	Current	Gulfstream Computerized Maintenance Program (G-2 aircraft)	Mod 484
3.2.5.1	FAR Part 65	01/95	Certification: Airmen Other Than Flight Crewmembers (PAFB)	Mod 205
3.2.5.2	FAAH 7210.3T	02/04	Facility Operation and Administration (SLF)	Mod 232
3.2.5.2	Federal Air Regulation (FAR) Part 1	04/97	Definitions and Abbreviations (SLF)	
3.2.5.2	FAR Part 73	01/81	Special Use Airspace (SLF)	Mod 205
3.2.5.2	FAAO 7610.4K, Chapter 13	02/04	Special Military Operations	Mod 232
3.2.5.3	45 SWI 13-202	12/94	Use of Cape Canaveral Air Station (CCAFS) (Skid Strip)	Mod 205
3.2.5.3	AFI 13-203	08/97	Air Traffic Control (Chapters 1-3, 5-8, 10 & 11) (Skid Strip)	Mod 205
3.2.5.3	AFI 13-213	08/97	Airfield Management (Chapters 1-6 & 8) (Skid Strip)	Mod 205
3.2.5.3	AFI 13-213, Supplement 1	12/96	AFSPC 1 Supplement (Skid Strip)	Mod 205
3.2.5.3	AFI 13-218 (T)	11/95	Air Traffic System Evaluation Program (Skid Strip)	Mod 205, 348
3.2.5.3	FAAH 7110.10L	07/96	Flight Services (Skid Strip)	Mod 205
3.2.5.3	FAAO 6850.5C	03/95	Maintenance of Lighted Navigational Aids (Skid Strip)	Mod 205
3.2.5.3	FAR Part 91	04/97	General Operating and Flight Rules (Skid Strip)	Mod 205

AMENDMENT OF SOLICITATION/MODIFICATION CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 485	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200226554	5. PROJECT NO. (If applicable) J-BOSC
6. ISSUED BY NASA/John F. Kennedy Space Center Office of Procurement MAIL CODE OP-OS KENNEDY SPACE CENTER FL 32899	CODE KSC	7. ADMINISTERED BY (If other than Item 6) NASA/Kennedy Space Center Office of Procurement MAIL CODE OP-OS-JP ATTN: Bryce Collins KENNEDY SPACE CENTER FL 32899	CODE KSC
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  SPACE GATEWAY SUPPORT Attn: NONE SPECIFIED 2411 DULLES CORNER PARK STE 800 HERNDON VA 20171-3431		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE		FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1099001
			10B. DATED (SEE ITEM 11) 08/15/1998

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) Net Increase: \$14,539,746  
4200226554

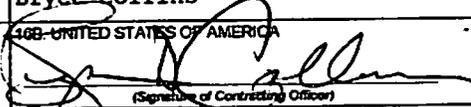
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22

E. IMPORTANT: Contractor  is not.  is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ 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 unilateral modification is to obligate funding in the amount of \$14,539,746. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through December 17, 2007. This change revises Article G-2, as shown on the attached page.

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) Bryce Collins	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Bryce Collins
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 488-UNITED STATES OF AMERICA  (Signature of Contracting Officer)
	16C. DATE SIGNED 11/15/07



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 7	
2. AMENDMENT/MODIFICATION NO. 486	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, LLC 1980 N. Atlantic Ave., Suite 330 Cocoa Beach, FL 32931			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		
CODE	FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers 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.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>					
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:					
X D. OTHER (Specify type of modification and authority) BILATERAL - MUTUAL AGREEMENT OF THE CONTRACTING PARTIES					
<b>IMPORTANT:</b> 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 modification is to CHANGE JBOSC Technical Exhibit 2.2.1.3-001, "TYPE 3C WORK ORDERS" to reflect Additional Value to cover completed, in-progress, scheduled and potential 3C projects beyond the current Technical Exhibit value in the following amounts:</p> <ul style="list-style-type: none"> <li>\$1,500,978 (cost) and \$100,265* (fee) for a total of \$1,601,243 (cost with fee) for FY07.</li> <li>\$6,940,561 (cost) and \$555,245 (fee) for a total of \$7,495,806 (cost with fee) for FY08.</li> </ul> <p>This change revises Articles B-3, Contract Value; B-4, Award Fee; Article G-2 and Technical Exhibit 2.2.2.3-001 as shown on attached pages. All other terms and conditions remain unchanged and in full force and affect.</p> <p>In consideration of the modification agreed to herein, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</p> <p>*The contractor may include \$100,265 in a future award fee voucher to reflect the increase resulting from this modification for award fee period #18 Award fee adjusted for period #18 to reflect earned award fee percentage.</p> <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.</p>					
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 Victoria G. Lockard (Signature of person authorized to sign)		15C. DATE SIGNED 30 Nov 07	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)		16C. DATE SIGNED 20 Dec 07

Original

Original

Original

175 1011 02 1/2 10/10/10 10/10/10 10/10/10

Original

<b>ARTICLE B-3 CONTRACT VALUE</b>			
<b>Basic Period Sep 98-30 Sep 03</b>			
The contract value is summarized below:			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
Phase-In Period (FFP) (Sept 1998)	\$1,113,486		1,113,486
<b>Basic Period Thru 475</b>			
10/01/98-09/30/00	\$396,406,378	\$23,187,199	419,593,577
Neg. Cost Overrun MOD 135	\$9,200,000	\$0	9,200,000
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY99-FY00</b>	<b>\$405,606,378</b>	<b>\$23,187,199</b>	<b>428,793,577</b>
(10/01/00-09/30/01)	\$215,635,118	\$13,106,768	228,741,886
Neg. Cost Overrun MOD 135	\$18,804,377	\$0	18,804,377
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY01</b>	<b>\$234,439,495</b>	<b>\$13,106,768</b>	<b>247,546,263</b>
(10/01/01-09/30/02)	\$234,055,207	\$14,098,312	248,153,519
Neg. Cost Overrun MOD 135	\$19,865,904	\$0	19,865,904
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY02</b>	<b>\$253,921,111</b>	<b>\$14,098,312</b>	<b>268,019,423</b>
(10/01/02-09/30/03)	\$247,365,902	\$15,357,411	262,723,313
Neg. Cost Overrun MOD 135	\$22,426,471	\$0	22,426,471
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY03</b>	<b>\$269,792,373</b>	<b>\$15,357,411</b>	<b>285,149,784</b>
<b>TOTAL BASIC PERIOD</b>	<b>\$1,164,872,843</b>	<b>\$65,749,690</b>	<b>1,230,622,533</b>
<b>Option Period 1 Oct 03 - 30 Sept 04</b>			
Option 1A			
(10/01/03-09/30/04)	\$244,075,599	\$15,352,803	259,428,402
Neg. Cost Overrun MOD 135	\$22,135,767	\$0	22,135,767
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY04</b>	<b>\$266,211,366</b>	<b>\$15,352,803</b>	<b>281,564,169</b>
Option 3BA			
(10/01/03-09/30/04)	\$2,322,030	\$185,762	2,507,792
Option 5BA			
(10/01/03-09/30/04)	\$321,092	\$25,687	346,779
<b>TOTAL OPTION 1A PERIOD</b>	<b>\$268,854,488</b>	<b>\$15,564,252</b>	<b>284,418,740</b>

<u>Option Period 1 Oct 04 - 30 Sept 06</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
Options Thru Mod 474			
OPTION 1B			
(10/01/04-09/30/05)	\$278,763,190	\$17,058,749	295,821,939
Neg. Cost Overrun MOD 135	\$25,895,945	\$0	25,895,945
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY05	\$304,659,135	\$17,058,749	321,717,884
(10/01/05-09/30/06)	\$259,760,241	\$13,909,908	273,670,149
Neg. Cost Overrun MOD 135	\$29,101,654	\$0	29,101,654
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY06	\$288,861,895	\$13,909,908	302,771,803
Option 3BB			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
Total Option 3BB	\$4,869,032	\$389,523	5,258,555
Option 5BB			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
Total Option 5BB	\$663,123	\$53,049	716,172
<b>TOTAL OPTION 1B Period</b>	<b>\$599,053,185</b>	<b>\$31,411,229</b>	<b>630,464,414</b>
<u>Option Periods 1 Oct 06 - 30 Sep 08</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
OPTION 1C			
(10/01/06-9/30/07)	\$243,755,471	\$12,747,569	256,503,040
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 486</b>	<b>\$1,500,978</b>	<b>\$100,265</b>	<b>1,601,243</b>
Total FY07	\$277,123,719	\$12,847,834	289,971,553
(10/01/07-9/30/08)	\$242,698,023	\$15,442,966	258,140,989
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 486</b>	<b>\$6,940,561</b>	<b>\$555,245</b>	<b>7,495,806</b>
Total FY08	\$283,087,421	\$15,998,211	299,085,632

<b>Option Periods 1 Oct 06 - 30 Sep 08 Cont.</b>			
<b>Option 3BC</b>			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
<b>Total Option 3BC</b>	<b>\$5,161,408</b>	<b>\$412,913</b>	<b>5,574,321</b>
<b>Option 4BB</b>			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
<b>Total Option 4BB</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>Option 4BC</b>			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
<b>Total Option 4BC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Option 5BC</b>			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
<b>Total Option 5BC</b>	<b>\$673,715</b>	<b>\$53,897</b>	<b>727,612</b>
<b>TOTAL OPTION 1C Period</b>	<b>\$566,046,263</b>	<b>\$29,312,855</b>	<b>595,359,118</b>
<b>TOTAL CONTRACT</b>			
<b>VALUE SEP98-SEP08</b>	<b>\$2,598,826,779</b>	<b>\$142,038,026</b>	<b>\$2,740,864,805</b>
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

**ARTICLE B-4 AWARD FEE**

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 485	Total Award Fee For Mod 486	Adjusted Available Award Fee	Earned Award Fee Mod 475	Earned Award Fee Mod 486	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,790,689		\$9,790,689	\$9,105,655		\$9,105,655	93%Mod 283
14	04/01/05	09/30/05	\$8,979,160		\$8,979,160	\$8,170,894		\$8,170,894	91%Mod325
15	10/01/05	03/31/06	\$9,117,893		\$9,117,893	\$7,476,674		\$7,476,674	82%Mod350
16	04/01/06	09/30/06	\$8,041,072		\$8,041,072	\$6,658,007		\$6,658,007	82.8%Mod393
17	10/01/06	03/31/07	\$7,783,775		\$7,783,775	\$6,227,018		\$6,227,018	80%Mod430
18	04/01/07	09/30/07	\$8,084,205	\$120,078	\$8,204,283	\$6,750,311	\$100,265	\$6,850,576	83.5%Mod480
19	10/01/07	03/31/08	\$7,829,791	\$555,245	\$8,385,036				
20	04/01/08	09/30/08	\$7,850,223		\$7,850,223				
<b>GRAND TOTAL</b>			<b>\$157,970,387</b>	<b>\$675,323</b>	<b>\$158,761,423</b>		<b>\$100,265</b>	<b>\$142,038,025</b>	Earned & Available



**TYPE 3C WORK ORDERS**

**MOST PROBABLE COST ADJUSTMENT**

<b>CONTRACT PERIOD:</b>	<b>FY:</b>	<b>ANNUAL BASELINE: (Loaded without fee – Mod 79)</b>	<b>ACTUAL VALUE: (Loaded without fee)</b>	<b>Modification Number</b>	<b>Additional Value: (Loaded with fee)</b>
<b>Contract Year 1</b>	<b>FY 99</b>	<b>\$ 8,816,118</b>			
<b>Contract Year 2</b>	<b>FY 00</b>	<b>\$ 8,991,033</b>			
<b>Contract Year 3</b>	<b>FY 01</b>	<b>\$ 9,175,971</b>			
<b>Contract Year 4</b>	<b>FY 02</b>	<b>\$ 9,369,147</b>	<b>\$6,742,200</b>	<b>179</b>	
<b>Contract Year 5</b>	<b>FY 03</b>	<b>\$ 9,566,157</b>			
<b>BASIC Sub-total:</b>		<b>\$ 45,918,426</b>			
<b>Contract Year 6</b>	<b>FY 04</b>	<b>\$ 9,773,958</b>		<b>217/247/ 259</b>	<b>\$4,526,514</b>
<b>Contract Year 7</b>	<b>FY 05</b>	<b>\$ 9,987,367</b>		<b>247 259 281 338</b>	<b>\$ 4,960,364 \$ 17,637,334 \$ 13,648,885 <u>\$(12,428,591)</u> \$ 23,817,992</b>
<b>Contract Year 8</b>	<b>FY 06</b>	<b>\$ 10,201,668</b>		<b>338 390</b>	<b>\$12,512,004 <u>\$(1,745,295)</u> \$10,766,709</b>
<b>Contract Year 9</b>	<b>FY 07</b>	<b>\$ 10,429,644</b>		<b>390 458 486</b>	<b>\$1,745,295 \$4,940,238 <u>\$1,601,243</u> \$8,286,776</b>
<b>Contract Year 10</b>	<b>FY 08</b>	<b>\$ 10,695,195</b>		<b>486</b>	<b>\$7,495,806</b>
<b>OPTION Sub-total:</b>		<b>\$ 51,087,832</b>			
<b>TOTAL:</b>		<b>\$ 97,006,258</b>			

**NOTES:**

1. Annual baselines escalated 3% per annum as proposed.
2. Baseline may be adjusted up or down by the government via a contract modification, negotiated contract offset, or other appropriate means.
3. J-BOSC contractor may exceed the baseline when excess work capacity exists, total contract value remains the same, and customers approve proposed project(s).
4. The government intent is to establish this annual baseline as Type 3C. However, the government reserves the right to determine distribution of above annual values as Type 3I or Type 3C and to fund sources and agencies based on customer needs, mission priorities, and/or available funds.
5. "Actual Value" Column reflects the value of actual Type 3C work orders funded and executed during the fiscal year and resulting amended contract value.
6. The "Additional Value" column is inclusive of award fee. The amounts shown here will be subject to adjustment for contract value descope prior to any values that are not award fee bearing.
7. The above values do not include direct allocation costs (subcontract/admin support, etc.) (Mod 259)

2 AMENDMENT/MODIFICATION NO 487  
 3 EFFECTIVE DATE See Block 16C  
 4 REQUESTION/PURCHASE REQ NO 4200227408  
 5 PROJECT NO. (if applicable) J-BOSC  
 6 ISSUED BY NASA/John F. Kennedy Space Center  
 7 ADMINISTERED BY (if other than Item 6) CODE KSC  
 8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)  
 NASA/John F. Kennedy Space Center  
 Office of Procurement  
 Office of Procurement  
 MAIL CODE OP-OS  
 KENNEDY SPACE CENTER FL 32899  
 9A AMENDMENT OF SOLICITATION NO (x)  
 9B DATED (SEE ITEM 11)  
 10A MODIFICATION OF CONTRACT/ORDER NO NAS1099001  
 10B DATED (SEE ITEM 11) 08/15/1998  
 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)  
 Net Increase: \$67,753.22  
 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  
 CHECK ONE  
 A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A  
 B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(d)  
 C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF  
 D OTHER (Specify type of modification and authority)  
 X Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22  
 IMPORTANT: Contractor  is not  is required to sign this document and return  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 unilateral modification is to obligate funding in the amount of \$47,753. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through December 17, 2007.  
 This change revises Article G-2, as shown on the attached page.

15A NAME AND TITLE OF SIGNER (Type or print)  
 Timothy M. Freeland  
 15B CONTRACTOR/OFFEROR  
 15C DATE SIGNED  
 15D DATE SIGNED  
 15E NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 Timothy M. Freeland  
 15F DATE SIGNED  
 11-20-07

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)  
 Timothy M. Freeland  
 15B CONTRACTOR/OFFEROR  
 15C DATE SIGNED  
 15D DATE SIGNED  
 15E NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 Timothy M. Freeland  
 15F DATE SIGNED  
 11-20-07

NSN 7540-01-152-8070  
 Previous edition unusable

STANDARD FORM 30 (REV 10-83)  
 Prescribed by GSA  
 FAR (48 CFR) 53.243



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTR/ CODE	PAGE OF PAGES 1   6
2. AMENDMENT/MODIFICATION NO. 488		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office Kennedy Space Center, FL 32899				7. ADMINISTERED BY (If other than Item 6)	
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.	
<b>Original</b>				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 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 modification (CCR 08-05) is to re-phase contract value and associated fee for HSPD-12, Increased Background Investigations and Badging Enrollment (CCR 07-16), negotiated in modification 431. Due to no fault of the contractor some tasks that were planned for FY07 was not accomplished and will shift into FY08. Due to completed award fee period 18 this re-phase results in a \$10,265 increase in contract value.</p> <p>This change revises Article B-3, Contract Value, Article B-4, Award Fee and Article G-2, Contract Funding, as shown on the attached pages. All other terms and conditions of the contract remain unchanged.</p> <p>In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</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 <i>Victoria G. Lockard</i> (Signature of person authorized to sign)		15C. DATE SIGNED 11 Dec 07	18B. UNITED STATES OF AMERICA <i>Ernest G. Tweedie</i> (Signature of Contracting Officer)		16C. DATE SIGNED 12 Dec 07

<b>ARTICLE B-3 CONTRACT VALUE</b>			
<b>Basic Period Sep 98-30 Sep 03</b>			
The contract value is summarized below:			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
Phase-In Period (FFP) (Sept 1998)	\$1,113,486		1,113,486
<b>Basic Period Thru 487</b>			
10/01/98-09/30/00	\$396,406,378	\$23,187,199	419,593,577
Neg. Cost Overrun MOD 135	\$9,200,000	\$0	9,200,000
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY99-FY00</b>	<b>\$405,606,378</b>	<b>\$23,187,199</b>	<b>428,793,577</b>
(10/01/00-09/30/01)	\$215,635,118	\$13,106,768	228,741,886
Neg. Cost Overrun MOD 135	\$18,804,377	\$0	18,804,377
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY01</b>	<b>\$234,439,495</b>	<b>\$13,106,768</b>	<b>247,546,263</b>
(10/01/01-09/30/02)	\$234,055,207	\$14,098,312	248,153,519
Neg. Cost Overrun MOD 135	\$19,865,904	\$0	19,865,904
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY02</b>	<b>\$253,921,111</b>	<b>\$14,098,312</b>	<b>268,019,423</b>
(10/01/02-09/30/03)	\$247,365,902	\$15,357,411	262,723,313
Neg. Cost Overrun MOD 135	\$22,426,471	\$0	22,426,471
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY03</b>	<b>\$269,792,373</b>	<b>\$15,357,411</b>	<b>285,149,784</b>
<b>TOTAL BASIC PERIOD</b>	<b>\$1,164,872,843</b>	<b>\$65,749,690</b>	<b>1,230,622,533</b>
<b>Option Period 1 Oct 03 - 30 Sept 04</b>			
Option 1A			
(10/01/03-09/30/04)	\$244,075,599	\$15,352,803	259,428,402
Neg. Cost Overrun MOD 135	\$22,135,767	\$0	22,135,767
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY04</b>	<b>\$266,211,366</b>	<b>\$15,352,803</b>	<b>281,564,169</b>
Option 3BA			
(10/01/03-09/30/04)	\$2,322,030	\$185,762	2,507,792
Option 5BA			
(10/01/03-09/30/04)	\$321,092	\$25,687	346,779
<b>TOTAL OPTION 1A PERIOD</b>	<b>\$268,854,488</b>	<b>\$15,564,252</b>	<b>284,418,740</b>

<u>Option Period 1 Oct 04 - 30 Sept 06</u>			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
Options Thru Mod 487			
OPTION 1B			
(10/01/04-09/30/05)	\$278,763,190	\$17,058,749	295,821,939
Neg. Cost Overrun MOD 135	\$25,895,945	\$0	25,895,945
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			<b>\$0</b>
Total FY05	\$304,659,135	\$17,058,749	321,717,884
(10/01/05-09/30/06)	\$259,760,241	\$13,909,908	273,670,149
Neg. Cost Overrun MOD 135	\$29,101,654	\$0	29,101,654
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			<b>\$0</b>
Total FY06	\$288,861,895	\$13,909,908	302,771,803
Option 3BB			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
Total Option 3BB	\$4,869,032	\$389,523	5,258,555
Option 5BB			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
Total Option 5BB	\$663,123	\$53,049	716,172
<b>TOTAL OPTION 1B Period</b>	<b>\$599,053,185</b>	<b>\$31,411,229</b>	<b>630,464,414</b>
<u>Option Periods 1 Oct 06 - 30 Sep 08</u>			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
OPTION 1C			
(10/01/06-9/30/07)	\$245,256,449	\$12,847,834	258,104,283
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 488</b>	<b>(\$777,739)</b>	<b>(\$51,954)</b>	<b>(829,693)</b>
Total FY07	\$276,345,980	\$12,795,880	289,141,860
(10/01/07-9/30/08)	\$249,638,584	\$15,998,211	265,636,795
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 488</b>	<b>\$777,739</b>	<b>\$62,219</b>	<b>839,958</b>
Total FY08	\$283,865,160	\$16,060,430	299,925,590

	Option Periods 1 Oct 06 - 30 Sep 08 Cont.		
<b>Option 3BC</b>			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
<b>Total Option 3BC</b>	<b>\$5,161,408</b>	<b>\$412,913</b>	<b>5,574,321</b>
<b>Option 4BB</b>			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
<b>Total Option 4BB</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>Option 4BC</b>			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
<b>Total Option 4BC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Option 5BC</b>			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
<b>Total Option 5BC</b>	<b>\$673,715</b>	<b>\$53,897</b>	<b>727,612</b>
<b>TOTAL OPTION 1C Period</b>	<b>\$566,046,263</b>	<b>\$29,323,120</b>	<b>595,369,383</b>
<b>TOTAL CONTRACT VALUE SEP98-SEP08</b>	<b>\$2,598,826,779</b>	<b>\$142,048,291</b>	<b>\$2,740,875,070</b>
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

**ARTICLE B-4 AWARD FEE**

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 487	Total Award Fee For Mod 488	Adjusted Available Award Fee	Earned Award Fee Mod 487	Earned Award Fee Mod 488	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,790,689		\$9,790,689	\$9,105,655		\$9,105,655	93%Mod 283
14	04/01/05	09/30/05	\$8,979,160		\$8,979,160	\$8,170,894		\$8,170,894	91%Mod325
15	10/01/05	03/31/06	\$9,117,893		\$9,117,893	\$7,476,674		\$7,476,674	82%Mod350
16	04/01/06	09/30/06	\$8,041,072		\$8,041,072	\$6,658,007		\$6,658,007	82.8%Mod393
17	10/01/06	03/31/07	\$7,783,775	\$15	\$7,783,790	\$6,227,018	\$12	\$6,227,030	80%Mod430
18	04/01/07	09/30/07	\$8,204,283	(\$62,234)	\$8,142,049	\$6,850,576	(\$51,965)	\$6,798,611	83.5%Mod480
19	10/01/07	03/31/08	\$8,385,036	\$46,051	\$8,431,087				
20	04/01/08	09/30/08	\$7,850,223	\$16,168	\$7,866,391				
<b>GRAND TOTAL</b>			<b>\$158,761,423</b>	<b>\$0</b>	<b>\$158,761,423</b>		<b>(\$51,953)</b>	<b>\$142,048,291</b>	Earned & Available



AMENDMENT OF SOLICITATION/MODIFICATION		CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
				4200229679	1 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)		
489	See Block 16C	4200229679	J-BOSC		
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	KSC	
NASA/John F. Kennedy Space Center Office of Procurement MAIL CODE OP-OS KENNEDY SPACE CENTER FL 32899		NASA/Kennedy Space Center Office of Procurement MAIL CODE OP-OS-JP ATTN: Bryce Collins KENNEDY SPACE CENTER FL 32899			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
SPACE GATEWAY SUPPORT Attn: NONE SPECIFIED 2411 DULLES CORNER PARK STE 800 HERNDON VA 20171-3431		(x)			
CODE		FACILITY CODE		9B. DATED (SEE ITEM 11)	
				x	
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1099001	
				10B. DATED (SEE ITEM 11) 08/15/1998	

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)

4200229679

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation 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:
	D. OTHER (Specify type of modification and authority)
X	Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22
E. IMPORTANT:	Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ 0 _____ 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 unilateral modification is to obligate funding in the amount of \$68,658,416. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through March 12, 2008. This change revises Article G-2, as shown on the attached page.

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Bryce Collins	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)			12/10/07
		(Signature of Contracting Officer)	



2. AMENDMENT/MODIFICATION NO. 490	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200231365	5. PROJECT NO. (If applicable) J-BOSC
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6. ISSUED BY NASA/John F. Kennedy Space Center Office of Procurement MAIL CODE OP-OS KENNEDY SPACE CENTER FL 32899	CODE KSC	7. ADMINISTERED BY (If other than Item 6) NASA/Kennedy Space Center Office of Procurement MAIL CODE OP-OS-JP ATTN: Bryce Collins KENNEDY SPACE CENTER FL 32899	CODE KSC
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  SPACE GATEWAY SUPPORT Attn: NONE SPECIFIED 2411 DULLES CORNER PARK STE 800 HERNDON VA 20171-3431	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1099001
		10B. DATED (SEE ITEM 11) 08/15/1998
CODE		FACILITY CODE

**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) 4200231365	Net Increase:	\$4,771,230
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**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation 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:
	D. OTHER (Specify type of modification and authority) <b>X Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22</b>

**E. IMPORTANT:** Contractor  is not.  is required to sign this document and return \_\_\_\_\_ 0 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 unilateral modification is to obligate funding in the amount of \$4,771,230. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through March 14, 2008. This change revises Article G-2, as shown on the attached page.

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)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Timothy M. Freeland		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 12-18-07
<small>(Signature of person authorized to sign)</small>		<small>(Signature of Contracting Officer)</small>	

ARTICLE G-2		CONTRACT FUNDING			
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:					
The below table is created with the beginning values based on modification 478					
As of MOD	Contract Value	Funded Cost	Funded Fee	Funded Cost/Fee	ADEQUATE THROUGH
Subtotal as of Mod 478	\$2,731,539,523	\$2,304,179,622	\$185,351,833	\$2,489,531,455	11/21/2007
480	(\$1,333,894)				
481	\$1,562,127				
485		\$13,462,728	\$1,077,018	\$14,539,746	12/17/2007
486	\$9,097,049				
487		\$44,216	\$3,537	\$47,753	12/17/2007
488	\$10,265				
489		\$63,572,607	\$5,085,809	\$68,658,416	3/12/2008
490		\$4,417,806	\$353,424	\$4,771,230	3/14/2008
<b>TOTAL</b>		<b>\$2,740,875,070</b>	<b>\$191,871,621</b>	<b>\$2,577,548,600</b>	





<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE OF PAGES 1   75	
2. AMENDMENT/MODIFICATION NO. 492		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, LLC 1980 N. Atlantic Ave., Suite 330 Cocoa Beach, FL 32931				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		
CODE	FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>						
<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.						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>						
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 CLAUSE 52.243-2 CHANGES-COST-REIMBURSEMENT (AUG 1987) – ALTERNATE II						
D. OTHER (Specify type of modification and authority) BILATERAL – MUTUAL AGREEMENT OF THE CONTRACTING PARTIES						
<b>IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) <b>SEE PAGE 2 BLOCK 14 DESCRIPTION OF MODIFICATION</b> //////////////////// <b>END</b> //////////////////////						
15A. NAME AND TITLE OF SIGNER (Type or print) Victoria G. Lockard Director, Contracts				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Bryce D. Collins Contracting Officer		
15B. CONTRACTOR/OFFEROR Victoria G. Lockard (Signature of person authorized to sign)		15C. DATE SIGNED 10 Jan 08		16B. UNITED STATES OF AMERICA Bryce D. Collins (Signature of Contracting Officer)		16C. DATE SIGNED 1/11/08

A. The OMEU database shall be changed in accordance with the following attachments:

- Atch 1 T2 – T5 Facility List (period of performance - FY 06, FY 07 and FY 08)
- Atch 2 CCR 02-37 Questionable Facilities List (period of performance - June through September 2006, FY 07 and FY 08)
- Atch 3 NASA Add/Desclope List (period of performance - May through September 2006, FY 07 and FY 08)
- Atch 4 NASA CFPM Facility T7-T28 Turnovers (period of performance – 10/1/2007 through 9/30/2008)
- Atch 5 NASA Cost Impact Turnover list for T32, T41, T42 and T45 (period of performance - 10/1/2007 through 9/30/2008)
- Atch 6 NASA Non-CFPM Cost Impact Turnover List for T7-T11, T15, T20, T23, T27 (period of performance – (01/01/08 through 9/30/2008)
- Atch 7 NASA 2006 and 2007 Scrub List (period of performance - 1/1/2008 through 9/30/2008)

B. NASA Performance Standards 2.2.1-6, 2.2.1-8 and 2.2.1-10 are revised as shown in attachments.

C. Deferral Requirement/DRD 2.2-06 is revised as shown in the attachment.

D. Technical Exhibit 2.2.2-020 is added as shown in the attachment.

E. SGS shall withdraw Cost Impact Proposal 93.

F. The estimated cost and fee remains unchanged as a result of this contract modification. This reflects the following settlement agreement:

	<u>Cost and Fee</u>
Attachment 1-4 listings	(\$1,490,647)
Performance Std Increase (85%-95%)	878,894
Atch 5: T32, T41, T42, T45	314,576
Atch 6: T32-T45 Non-CFPM	130,593
Atch 7: NASA Scrub List	( 43,210)
Type 2 Work Orders	<u>209,794</u>
TOTAL	\$ 0

G. These changes do not revise Article B-3, Contract Value; Article B-4, Award Fee and Article G-2 Contract Funding.

In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.

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.

//////////////////////////////////////END//////////////////////////////////////

T2 COST IMPACTS

NASA-OWNED FACILITIES - NEW FACILITY/SYSTEM(S)																				
Fac Cat	Fac Num	Facility Name	Sq Ft	Project #	Project Name/ Brief Scope	System Identifier (See Key)														
						(Enter in Lines Below)														
						1	1	2	1	1	3	1	1	5	4	2	2	2	2	
AC/H V	AC/LV	EV	FA	FG	HV	KP	LU	RG	SR	SS	SY	WA	WP	OX	SR-RF					
M	15507	Elec. Gear/Trform, BMDO	200	PCN 97524.1	Construct ATDC **/New construction - a new transformer on a concrete slab.	Y	Y			Y			Y	Y			Y			
W	K6-0545	General Warehouse	12,993	56010-01-JAA	Replace Clam Shelter Structure **/New structure with fire alarm and potable water. USA construction project to turn O&M over to SGS.										Y		Y	Y		
S	K6-1747	Hypergol Decontamina tion Building	200	PCN 96546.1	CRCA, Phase 2 **/Improvements to facility: added lightning protection and grounding, plus more paved parking and additional structural area to maintain.					Y			Y	Y	Y			N		
A	K7-0416A	Operations Building #2	0	WON 0320744	Install Oxygen Monitoring Units at Ops Building #2/Installation of a													N		
W	K7-1153A	Storage Building	624	PCN 95735.1	LC-39 News Facility, Phase 2/This is a new facility.		Y		C	C	N		C	C		C		N		





**T3 COST IMPACTS SUMMARY**

NASA-OWNED FACILITIES - NEW FACILITY/SYSTEM(S)																								
FAC CAT	FAC NUM	FACILITY NAME	SQ FT	PROJ NUM	SCOPE	ITEM IDENTIFIER													SERVICES					
						ACH	ACL	FA	FG	KP	LU	PA	RG	RT	RW	SC	SR	SS	SY	WP	WX	PES	REF	
						1	1	1	1	1	1	1	1	5	4	3	2	4	2	2	2	2		
M	J7-0384	Sewage Treatment Plant #6	-200	97752	TIE IN SEWAGE TREATMENT PLANTS 5 AND 6 TO THE OBSERVATION TOWER LIFT STATION / Demo of STP #6. Capacity = 20,000 gallons.		Y											Y	Y					
M	J8-1705	Sewage Treatment Plant #5	-200	97752	TIE IN SEWAGE TREATMENT PLANTS 6 AND 6 TO THE OBSERVATION TOWER LIFT STATION / Demo of STP #5. Capacity = 20,000 gallons.		Y											Y	Y		Y			
L	M6-1025	Space Life Sciences Lab	104,000	97087	CONSTRUCT SERPL FACILITY / New facility, new systems for SGS O&M. (NOTE: separate Impacts and Acceptances were not sent out for Pest Control and Refuse Collection, as those are Support Services, even though there will be an impact) (CCR's 03 56 & 03-53)	C				C		Y	C						C		C		N	Y
A	M6-0409D	Cafeteria	800	00002DNPS	ORBIT CAFETERIA ANSUL FIRE SYSTEM MODIFICATION / Modifies location of chemical fire suppression system from Lunch Pad, adds system to maintain in this facility.													Y						
W	M6-0409E	Space Flight Exhibit Building	600	00001DNPS	NEW MILLENNIUM ANSUL FIRE SYSTEM MODIFICATION / Adds chemical fire suppression system to facility.													Y						
A	J6-2465	Flight Vehicle Support Building	29,032	97069	CONSTRUCT FLIGHT VEHICLE LANDING SUPPORT COMPLEX, PHASE II ** / New facility, new systems for SGS O&M (this project is on the old version of the form which does not include Impact/Acceptance Request, it merely requires a NOFM to be issued) (CCR 02-15)				C	C		C	C						C	C	C	C		
A	M7-1059	Hypergolic Maintenance Facility, Support Building #2	17,550	97056.6	CONSTRUCT OPERATIONS SUPPORT BUILDING, HMF / New facility, new systems for SGS O&M (CCR 03-45)	C		C	C		C	C							C	C	C	C		

NASA-OWNED FACILITIES - MODIFIED FACILITY/SYSTEM(S) NOTE: square footage is for modified area only																								

KEYS		
FAC CATEGORY	IDENTIFIER	SYSTEM IDENTIFIER
A -Administrative	1-Elect	Y-Cost Impact
W-Warehouse	2-Mech	N-No Cost Impact
S-Shop	3-HVAC	C-Funded via CCR
L-Lab	4-Struct	
P-Processing	5-Misc	
M-Misc		

### T4 COST IMPACTS SUMMARY

NASA-OWNED FACILITIES - NEW FACILITY/SYSTEM(S)															
Fac Cat	Fac Num	Facility Name	Sq Ft	Project #	Scope	1 - 5 as Identified Below									
						1 = Electrical / 2 = Mechanical / 3 = HVAC / 4 = Structure									
						1	1	1	1	1	5	4	2	2	2
						AC/H	FA	FG	KP	LU	RG	SR	SS	SY	WP
A	J7-0689	Pad B Operations Support Building	28,324	PCN 97031	Design of Logistics Facility at Pad 39B/Additional sewer piping and lift station. (CCR 03-58)	C	Y	C		C	N	C	C	Y	C
A	J8-2109	Pad A Operations Support Building	30,037	PCN 97030	Design of Logistics Facility at Pad 39A/Additional area(s) to maintain. (CCR 03-54)	C	C	C		C	C	C	C	C	C

NASA-OWNED FACILITIES - MODIFIED FACILITY/SYSTEM(S)															
Fac Cat	Fac Num	Facility Name	Sq Ft	Project #	Scope	1 - 5 as Identified Below									
						1 = Electrical / 2 = Mechanical / 3 = HVAC / 4 = Structure									
						1	1	1	1	1	5	4	2	2	2
						AC/H	FA	FG	KP	LU	RG	SR	SS	SY	WP
W	J7-0688	Pad B Logistics Facility	5,000	PCN 97030	Design of Logistics Facility at Pad 39B/Additional area(s) to maintain.		Y		Y	N		N	Y	Y	Y
W	J8-2009	Pad A Logistics Facility	5,000	PCN 97030	Design of Logistics Facility at Pad 39A/Additional area(s) to maintain.		Y		Y	N		N	Y	Y	Y

KEYS		
FAC CATEGORY	IDENTIFIER	SYSTEM IDENTIFIER
A -Administrative	1-Elect	Y-Cost Impact
W-Warehouse	2-Mech	N-No Cost Impact
S-Shop	3-HVAC	C-Funded via CCR
L-Lab	4-Struct	
P-Processing	5-Misc	
M-Misc		

Total-Both

T5 COST IMPACTS

NASA-OWNED FACILITIES - NEW FACILITY/SYSTEM(S)															
Fac Cat	Fac #	Facility Name	Sq Ft	Proj #	Project Name/ Brief Scopo	02-37 System Identifier (See Keys Below)									
						AC/ HV	AC/ LV	FG	LU	PR	RG	SR	SS	WP	
						1	1	1	1	2	5	4	2	2	
W	K6-0015	Convoy Vehicle Enclosure	23,037	97069.1	Flight Vehicle Landing Support Complex, Phase III/New facility construction. Still waiting for Fire Alarm and Fire Suppression As-Builts - will process those 2 systems separately. (CCR 02-15)										
								C	C		C	C	C		C

NASA-OWNED FACILITIES - MODIFIED FACILITY/SYSTEM(S)										NOTE: square footage is for mo					
Fac Cat	Fac #	Facility Name	Sq Ft	Proj #	Project Name/ Brief Scopo	02-37 System Identifier (See Keys Below)									
						AC/ HV	AC/ LV	FG	LU	PR	RG	SR	SS	WP	
						1	1	1	1	2	5	4	2	2	
P	J7-0337	Launch Pad 39B	-2,000	96702.1	Restore Pad B Low Voltage Electrical System, Phase I/Refurbishes misc components and cable runs. Removes 2 transformers from High Voltage system. Also requires EO to (2) SAAs.	Y									
P	J8-1708	Launch Pad 39A	-2,000	96681.1	Restore Pad A Low Voltage Electrical System, Phase I/Refurbishes misc components and cable runs. Removes 5 transformers from High Voltage system. Also requires EO to (1) SAA.	Y									
L	M7-0409	Engineering Development Lab	68,755	96759.7	Upgrade Facilities for Disabled Access/Various interior mods; new powered door to maintain.		N			Y		N			
A	01047	Administrative Control Building	5,817	DBEH200033	Connect Septic Tank to Wastewater System/Abandons septic tank/field in place, and adds sewer piping and lift station.							N		Y	

KEYS		
FAC CATEGORY	IDENTIFIER	SYSTEM IDENTIFIER
A -Administrative	1-Elect	Y-Cost Impact
W-Warehouse	2-Mech	N-No Cost Impact
S-Shop	3-HVAC	C-Funded via CCR
L-Lab	4-Struct	
P-Processing	5-Misc	
M-Misc		

1	LOCATION	DESCRIPTION	MINIMUM SQ FT	TYPE	SQUARE FEET	System to be Descoped	MECH	ELEC	HVAC	STRUC	OTHER	REMARKS
1	KSCJ7-1389	GROUND WATER STORAGE TANK	.	M	200	TN	X					
2	KSC6-0794B	POL		W	154	AC		X				
	KSC6-0794B	POL		W	154	FG		X				
3	KSC6-1247	LAUNCH EQUIPMENT SHOP		S	51124	AC		X				
4	KSC6-1696B	SOLVENT DISTILLATION CANOPY		W	595	SR					X	
	KSC6-1696B	SOLVENT DISTILLATION CANOPY		W	595	TN		X				
5	KSC6-1844	LOCOMOTIVE MAINTENANCE FACILITY		S	6240	LU		X				
6	KSC6-2026	PUMP HOUSE N14		M	420	GE		X				
	KSC6-2026	PUMP HOUSE N14		M	420	TN		X				
7	KSC5-0033	PUMP HOUSE N13		M	200	GE		X				
	KSC5-0033	PUMP HOUSE N13		M	200	SR		X				
	KSC5-1647	PUMP HOUSE N10		M	200	TN		X				
8	KSC5-1647	PUMP HOUSE N10		M	200	GE		X				
	KSC5-1647	PUMP HOUSE N10		M	200	SR		X				
	KSC5-1647	PUMP HOUSE N10		M	200	TN		X				
9	KSC6-0249	GSE REPAIR / WASH BUILDING		S	2616	AC		X				
10	KSC6-0295	HAZARDOUS WASTE STAGING BUILDING		W	1584	AC		X				
11	KSC6-0297	STORAGE BUILDING		W	46750	AC		X				
12	KSC7-0201	POL STORAGE BUILDING		W	144	AC		X				
	KSC7-0201	POL STORAGE BUILDING		W	144	SR		X				
13	KSCM5-1443	SUPPORT SERVICE BUILDING		M	4400	AC		X				
14	KSCM5-1494	OPERATIONS BLDG		M	24259	AC		X				
15	KSCM5-1586	PUMP HOUSE N8		M	169	GE		X				
	KSCM5-1586	PUMP HOUSE N8		M	169	SR		X				
	KSCM5-1586	PUMP HOUSE N8		M	169	TN		X				
16	KSCM5-1586A	PUMP HOUSE N9		M	157	GE		X				
	KSCM5-1586A	PUMP HOUSE N9		M	157	SR		X				
	KSCM5-1586A	PUMP HOUSE N9		M	157	TN		X				
17	KSCM6-0166	PUMP HOUSE N11		M	303	GE		X				
	KSCM6-0166	PUMP HOUSE N11		M	303	SR		X				
	KSCM6-0166	PUMP HOUSE N11		M	303	TN		X				
18	KSCM6-0740	NASA EXCHANGE STORAGE BUILDING		W	2514	AC		X				
19	KSCM6-1013	EQUIPMENT PAD		W	260	AC		X				
20	KSCM6-1757	PUMP HOUSE N6		M	297	GE		X				
	KSCM6-1757	PUMP HOUSE N6		M	297	SR		X				
	KSCM6-1757	PUMP HOUSE N6		M	297	TN		X				
21	KSCN6-0065	EQUIPMENT SHELTER		W	5611	GE		X				
	KSCN6-0065	EQUIPMENT SHELTER		W	5611	SR		X				
	KSCN6-0065	EQUIPMENT SHELTER		W	5611	TN		X				
22	KSCN6-0107	PUMP HOUSE N5		M	150	GE		X				
	KSCN6-0107	PUMP HOUSE N5		M	150	SR		X				
	KSCN6-0107	PUMP HOUSE N5		M	150	TN		X				
23	KSCN6-0146	PUMP HOUSE N2		M	450	GE		X				
	KSCN6-0146	PUMP HOUSE N2		M	450	SR		X				
	KSCN6-0146	PUMP HOUSE N2		M	450	TN		X				
24	KSCN6-0407	PUMP HOUSE N3		M	130	GE		X				
	KSCN6-0407	PUMP HOUSE N3		M	130	SR		X				
	KSCN6-0407	PUMP HOUSE N3		M	130	TN		X				

Source	Trailer / Facility No.	Subsystems	Size (Sq Ft)	Size Group	JBOSC Bldg Function	Facility Owner	MECH	ELEC	HVAC	STRCT	OTHR
2005 Adds	66266	WP.	338	A	M	N	X				
2005 Adds	77602	FG.	1300	A	M	N		X			
2005 Adds	54905	HV	778	A	W	N			X		
2005 Adds	54905	WP.	778	A	W	N	X				
2005 Adds	54945	AC-LV	25	A	M	N		X			
2005 Adds	54945	LU.	25	A	M	N		X			
2005 Adds	60425	WP	1122	A	P	N	X				
2005 Adds	60425	SS.	1122	A	P	N	X				
2005 Adds	66295	WP.	3000	A	M	N	X				
2005 Adds	66330	WP	25366	C	W	N	X				
2005 Adds	66330	SS.	25366	C	W	N	X				
2005 Adds	66336	WP.	7200	B	W	N	X				
2005 Adds	C2-1060	FG	200	A1	M	N		X			
2005 Adds	C2-1060	LU.	200	A1	M	N		X			
2005 Adds	G5-1061	FG	200	A1	M	N		X			
2005 Adds	G5-1061	LU	200	A1	M	N		X			
2005 Adds	G5-1061	AC-LV.	200	A1	M	N		X			
2005 Adds	H4-1840	AC-HV	6981	B	A	F		X			
2005 Adds	H5-2324	FG	200	A1	M	N		X			
2005 Adds	H5-2324	LU.	200	A1	M	N		X			
2005 Adds	J5-0132	AC-LV.	200	A1	M	N		X			
2005 Adds	J5-0533	FG	200	A1	M	N		X			
2005 Adds	J5-0533	LU.	200	A1	M	N		X			
2005 Adds	J5-1144	AC-LV	200	A1	M	N		X			
2005 Adds	J5-1144	FG	200	A1	M	N		X			
2005 Adds	J5-1144	LU,	200	A1	M	N		X			
2005 Adds	J5-2050	TN	200	A1	M	N	X				
2005 Adds	J7-0183	AC-LV.	200	A1	M	N		X			
2005 Adds	J7-0183	WP	200	A1	M	N	X				
2005 Adds	J7-0191	AC-LV	200	A1	M	N		X			
2005 Adds	J7-0191	FG	200	A1	M	N		X			
2005 Adds	J7-0191	LU	200	A1	M	N		X			
2005 Adds	J7-0689	AI	28324	C	A	N	X				
2005 Adds	J7-0689	PR	28324	C	A	N	X				
2005 Adds	J7-1388	SY.	6625	B	M	N	X				
2005 Adds	K6-0015	HV	23037	C	M	N			X		
2005 Adds	K6-1248	TN	293	A	M	N	X				
2005 Adds	K6-1446E	FG	200	A1	M	N		X			
2005 Adds	K6-1995	PR	8250	B	S	N	X				
2005 Adds	K6-2047	WP	6480	B	M	N	X				
2005 Adds	K6-2496A	HV.	299	A	M	N			X		
2005 Adds	K7-0188B	WP	2181	B	M	N	X				
2005 Adds	K7-0506	SS	2600	B	M	N	X				
2005 Adds	K7-1153A	LU.	624	A	W	N		X			
2005 Adds	K7-1205A	HV.	178	A	A	N			X		
2005 Adds	M6-0534	WA	120	A	S	N	X				
2005 Adds	M6-0534	WP	120	A	S	N	X				
2005 Adds	M6-0534	WX	120	A	S	N	X				
2005 Adds	M6-0744B	HV	300	A	M	N			X		
2005 Adds	M6-0894A	FG	4344	B	W	N		X			
2005 Adds	M6-0895	AC-HV	1144	A	A	N		X			

2005 Adds	M7-0361A	SY	1500	A	W	N	X				
2005 Adds	TR1-474	AC-LV	400	A	A	N		X			
2005 Adds	TR1-474	FG.	400	A	A	N		X			
2005 Adds	TR1-477	AC-LV	400	A	A	N		X			
2005 Adds	TR1-477	HV.	400	A	A	N			X		
2005 Descopes	60640	AC-HV.	4500	B	W	N		X			
2005 Descopes	66295	AC-LV.	3000	A	M	N		X			
2005 Descopes	66330	AC-HV.	25366	C	W	N		X			
2005 Descopes	F5-2151	AC-LV	2982	B	A	F		X			
2005 Descopes	F5-2151	HV	2982	B	A	F			X		
2005 Descopes	F5-2151	SR	2982	B	A	F				X	
2005 Descopes	F5-2151	SS	2982	B	A	F	X				
2005 Descopes	F5-2151	WP.	2982	B	A	F	X				
2005 Descopes	G5-1061	SC	200	A1	M	N	X				
2005 Descopes	H4-1840	HV	6981	B	A	F			X		
2005 Descopes	H5-2324	AC-HV,	200	A1	M	N		X			
2005 Descopes	J5-0677	FA.	100	A	M	N		X			
2005 Descopes	J5-2050	AC-HV.	200	A1	M	N		X			
2005 Descopes	J6-0490B	AC-HV.	200	A1	M	N		X			
2005 Descopes	J6-1808	FA.	100	A	M	N		X			
2005 Descopes	J6-2076	HV	8000	B	M	N			X		
2005 Descopes	J6-2076	SS.	8000	B	M	N	X				
2005 Descopes	J6-2314	SR.	488	A	W	N				X	
2005 Descopes	J7-0183	AC-HV.	200	A1	M	N		X			
2005 Descopes	J7-0191	AC-HV.	200	A1	M	N		X			
2005 Descopes	J7-0231	AC-HV.	578	A	P	N		X			
2005 Descopes	K6-0258	AC-HV.	200	A1	M	N		X			
2005 Descopes	K6-1148	SR.	25	A	W	N				X	
2005 Descopes	K6-1446E	LU.	200	A1	W	N		X			
2005 Descopes	K6-1896	AC-HV.	8292	B	A	N		X			
2005 Descopes	K6-2096	AI	6000	B	W	N	X				
2005 Descopes	K6-2197	AC-LV.	1200	A	W	N		X			
2005 Descopes	K7-0513	SR.	854	A	M	N				X	
2005 Descopes	K7-0514	AC-LV	4504	B	M	N		X			
2005 Descopes	K7-0514	AI	4504	B	M	N	X				
2005 Descopes	K7-0514	AZ	4504	B	M	N	X				
2005 Descopes	K7-0514	FG	4504	B	M	N		X			
2005 Descopes	K7-0514	GN	4504	B	M	N	X				
2005 Descopes	K7-0514	HE	4504	B	M	N	X				
2005 Descopes	K7-0514	HV	4504	B	M	N			X		
2005 Descopes	K7-0514	PS	4504	B	M	N					
2005 Descopes	K7-0514	SR	4504	B	M	N				X	
2005 Descopes	K7-0514	SS	4504	B	M	N	X				
2005 Descopes	K7-0514	WP.	4504	B	M	N	X				
2005 Descopes	K7-0515	AC-LV	200	A1	M	N		X			
2005 Descopes	K7-0515	FG	200	A1	M	N		X			
2005 Descopes	K7-0515	PS	200	A1	M	N					
2005 Descopes	K7-0515	SR	200	A1	M	N				X	
2005 Descopes	K7-0515	SS	200	A1	M	N	X				
2005 Descopes	K7-0515	WP.	200	A1	M	N	X				
2005 Descopes	K7-0516	AI	40296	C	M	N	X				
2005 Descopes	K7-0516	CK	40296	C	M	N					X
2005 Descopes	K7-0516	CR	40296	C	M	N	X				

2005 Descopes	K7-0516	FA	40296	C	M	N		X			
2005 Descopes	K7-0516	GN	40296	C	M	N	X				
2005 Descopes	K7-0516	HE	40296	C	M	N	X				
2005 Descopes	K7-0516	HT	40296	C	M	N	X				
2005 Descopes	K7-0516	LU	40296	C	M	N		X			
2005 Descopes	K7-0516	SR	40296	C	M	N					X
2005 Descopes	K7-0516	SS	40296	C	M	N	X				
2005 Descopes	K7-0516	WP.	40296	C	M	N	X				
2005 Descopes	K7-0517	SR	225	A	M	N					X
2005 Descopes	K7-0517	SS	225	A	M	N	X				
2005 Descopes	K7-0517	WP.	225	A	M	N	X				
2005 Descopes	K7-0562	SR	2400	B	M	N					X
2005 Descopes	K7-0562	WP.	2400	B	M	N	X				
2005 Descopes	K7-0563	FA	5088	B	S	N		X			
2005 Descopes	K7-0563	FG	5088	B	S	N		X			
2005 Descopes	K7-0563	SR	5088	B	S	N					X
2005 Descopes	K7-0563	SS	5088	B	S	N	X				
2005 Descopes	K7-0563	WP	5088	B	S	N	X				
2005 Descopes	K7-0612	HV	400	A	W	N			X		
2005 Descopes	K7-0612	LU	400	A	W	N		X			
2005 Descopes	K7-0612	SR	400	A	W	N					X
2005 Descopes	K7-0612	WP.	400	A	W	N	X				
2005 Descopes	K7-0902	SR.	256	A	M	N					X
2005 Descopes	K7-1205A	AC-HV	178	A	A	N		X			
2005 Descopes	K7-1205B	AC-HV.	208	A	P	N		X			
2005 Descopes	K7-1205F	AC-HV.	7100	B	A	N		X			
2005 Descopes	L6-0043	AC-HV.	48	A	P	N		X			
2005 Descopes	M6-0737	SS	1000	A	M	N	X				
2005 Descopes	M6-0744A	AC-LV	25	A	M	N		X			
2005 Descopes	M6-0744A	FG	25	A	M	N		X			
2005 Descopes	M6-0744A	LU	25	A	M	N		X			
2005 Descopes	M6-0744A	SR	25	A	M	N					X
2005 Descopes	M6-0744A	SS	25	A	M	N	X				
2005 Descopes	M6-0744A	WP.	25	A	M	N	X				
2005 Descopes	M6-0798	FG	16002	E	M	N		X			
2005 Descopes	M6-0894A	AC-LV	4344	B	W	N		X			
2005 Descopes	M6-0894A	SS	4344	B	W	N	X				
2005 Descopes	M6-0894B	AC-LV	1384	A	M	N		X			
2005 Descopes	M6-0894B	SS	1384	A	M	N	X				
2005 Descopes	M6-0895	FA	1144	A	A	N		X			
2005 Descopes	M7-1412	AC-HV	2589	B	W	N		X			
2005 Descopes	M7-1412	FA	2589	B	W	N		X			
2005 Descopes	M7-1412	LU	2589	B	W	N		X			
2005 Descopes	M7-1412	SR	2589	B	W	N					X
2005 Descopes	M7-1412	SS	2589	B	W	N	X				
2005 Descopes	M7-1412	WP.	2589	B	W	N	X				
2005 Descopes	P6-1787	AC-LV	200	A1	W	N		X			
2005 Descopes	P6-1787	SR.	200	A1	W	N					X
2005 Descopes	TR1-590	SR.	672	A	A	N					X
2005 Descopes	TR1-600	SR.	672	A	A	N					X
2005 Descopes	TR1-623	SR.	720	A	A	N					X
2005 Descopes	TR1-637	SR.	7233	B	A	NEC					X
2005 Descopes	TR1-638	SR.	7233	B	A	NEC					X
2005 Descopes	TR1-712	SR.	510	A	A	N					X

2005 Descopes	TR1-718	SR.	672	A	A	N				X	
2005 Descopes	TR1-721	SR.	360	A	A	N				X	
2005 Descopes	TR1-730	SR.	672	A	A	N				X	
2005 Descopes	TR6-106	SY	2880	B	A	RESUN	X				
2005 Descopes	TRM-005	AC-LV	2880	B	A	N		X			
2005 Descopes	TRM-005	FA	2880	B	A	N		X			
2005 Descopes	TRM-005	HV	2880	B	A	N			X		
2005 Descopes	TRM-005	SR.	2880	B	A	N				X	
2005 Descopes	TRM-006	AC-LV	2880	B	A	N		X			
2005 Descopes	TRM-006	FA	2880	B	A	N		X			
2005 Descopes	TRM-006	HV	2880	B	A	N			X		
2005 Descopes	TRM-006	SR.	2880	B	A	N				X	
2005 Descopes	TRM-018	AC-LV	1440	A	A	N		X			
2005 Descopes	TRM-018	HV	1440	A	A	N			X		
2005 Descopes	TRM-018	SR.	1440	A	A	N				X	
2005 Descopes	01207W	SR.	200	A1	M	N				X	
2005 Descopes	18413	SR.	252	A1	W	AF				X	
2005 Descopes	21900H	FA	30506	C	W	N		X			
2005 Descopes	21900H	FG	30506	C	W	N		X			
2005 Descopes	21900H	HV	30506	C	W	N			X		
2005 Descopes	21900H	LU	30506	C	W	N		X			
2005 Descopes	21900H	SR	30506	C	W	N				X	
2005 Descopes	21900H	SY	30506	C	W	N	X				
2005 Descopes	21917	SR.	50	A1	M	N				X	
2005 Descopes	21918	SR.	51	A1	M	N				X	
2005 Descopes	21919	SR.	50	A1	M	N				X	
2005 Descopes	60400 (aka TRM-049)	SS.	2880	B	A	N	X				
2005 Descopes	60400 (aka TRM-049)	FA	2880	B	A	N		X			
2005 Descopes	60400 (aka TRM-049)	SR	2880	B	A	N				X	
2005 Descopes	60505	AC-LV	10846	C	W	AF		X			
2005 Descopes	60505	FA	10846	C	W	AF		X			
2005 Descopes	60505	FG	10846	C	W	AF		X			
2005 Descopes	60505	HV	10846	C	W	AF			X		
2005 Descopes	60505	HV	10846	C	W	AF			X		
2005 Descopes	60505	LU	10846	C	W	AF		X			
2005 Descopes	60505	SR	10846	C	W	AF				X	
2005 Descopes	60505	SS	10846	C	W	AF	X				
2005 Descopes	60505	SY.	10846	C	W	AF	X				
2005 Descopes	73020 (aka TRM-047)	AC-LV	3660	B	A	N		X			
2005 Descopes	73020 (aka TRM-047)	FA	3660	B	A	N		X			
2005 Descopes	73020 (aka TRM-047)	HV	3660	B	A	N			X		
2005 Descopes	73020 (aka TRM-047)	LU	3660	B	A	N		X			
2005 Descopes	73020 (aka TRM-047)	SR	3660	B	A	N				X	
2005 Descopes	73020 (aka TRM-047)	WP.	3660	B	A	N	X				

2005 Descopes	H5-2144	AC-LV	400	A	M	N		X		
2005 Descopes	H5-2144	KP	400	A	M	N		X		
2005 Descopes	H5-2144	SR.	400	A	M	N				X
2005 Descopes	H5-2226	AC-HV	200	A1	M	N		X		
2005 Descopes	H5-2226	SR.	200	A1	M	N				X
2005 Descopes	J5-1598	AC-HV	598	A	P	N		X		
2005 Descopes	J5-1598	AC-LV	598	A	P	N		X		
2005 Descopes	J5-1598	KP	598	A	P	N		X		
2005 Descopes	J5-1598	SR.	598	A	P	N				X
2005 Descopes	J6-2263	SR	200	A1	M	N				X
2005 Descopes	J6-2263	WP.	200	A1	M	N	X			
2005 Descopes	J7-0337H	FA	4000	B	A	N		X		
2005 Descopes	J7-0337H	FG	4000	B	A	N		X		
2005 Descopes	J7-0337H	LU	4000	B	A	N		X		
2005 Descopes	J7-0337H	SR.	4000	B	A	N				X
2005 Descopes	J8-1708G	SR.	1000	A	W	N				X
2005 Descopes	J8-1708I	FA	4500	B	A	N		X		
2005 Descopes	J8-1708I	FG	4500	B	A	N		X		
2005 Descopes	J8-1708I	LU	4500	B	A	N		X		
2005 Descopes	J8-1708I	SR.	4500	B	A	N				X
2005 Descopes	K6-0211	AC-HV	200	A1	M	N		X		
2005 Descopes	K6-0211	SR.	200	A1	M	N				X
2005 Descopes	K6-0594	FA	13300	C	W	N		X		
2005 Descopes	K6-0594	SY	13300	C	W	N	X			
2005 Descopes	K6-0594	WP.	13300	C	W	N	X			
2005 Descopes	K6-0744	AC-HV	27360	C	A	N		X		
2005 Descopes	K6-0744	FA	27360	C	A	N		X		
2005 Descopes	K6-0744	SR	27360	C	A	N				X
2005 Descopes	K6-0744	WP.	27360	C	A	N	X			
2005 Descopes	K6-1399	FA	13300	C	W	N		X		
2005 Descopes	K6-1399	SY	13300	C	W	N	X			
2005 Descopes	K6-1399	WP.	13300	C	W	N	X			
2005 Descopes	K7-0614	AZ	1632	A	M	N	X			
2005 Descopes	K7-0614	GN	1632	A	M	N	X			
2005 Descopes	K7-0614	AC-LV	1632	A	M	N		X		
2005 Descopes	K7-0614	HE	1632	A	M	N	X			
2005 Descopes	K7-0614	HT	1632	A	M	N	X			
2005 Descopes	K7-0614	HT	1632	A	M	N	X			
2005 Descopes	K7-0614	HV	1632	A	M	N			X	
2005 Descopes	K7-0614	KB	1632	A	M	N				
2005 Descopes	K7-0614	KB	1632	A	M	N				
2005 Descopes	K7-0614	SR	1632	A	M	N				X
2005 Descopes	K7-0614	SS	1632	A	M	N	X			
2005 Descopes	K7-0614	WP.	1632	A	M	N	X			
2005 Descopes	K7-1205H	SR.	200	A1	W	N				X
2005 Descopes	M3-0001	AC-HV	140	A	M	N		X		
2005 Descopes	M6-0325	SR	760	A	A	N				X
2005 Descopes	M6-0325	SS	760	A	A	N	X			
2005 Descopes	M6-0325	WP.	760	A	A	N	X			
2005 Descopes	M6-0453	AC-HV	2160	B	W	N		X		
2005 Descopes	M6-0453	PA.	2160	B	W	N		X		
2005 Descopes	M6-0486D	SR	50	A	W	N				X
2005 Descopes	M6-0486D	WP.	50	A	W	N	X			
2005 Descopes	M6-0595A	AC-LV	200	A1	W	N		X		

2005 Descopes	M6-0595A	SR.	200	A1	W	N				X	
2005 Descopes	M6-0934	AC-LV	140	A1	M	N		X			
2005 Descopes	M6-0934	SR.	140	A1	M	N				X	
2005 Descopes	M6-1622	WP.	4264	B	S	N	X				
2005 Descopes	M6-1622	AC-HV	4264	B	S	N		X			
2005 Descopes	M6-1622	AC-LV	4264	B	S	N		X			
2005 Descopes	M6-1622	HV	4264	B	S	N			X		
2005 Descopes	M6-1622	PR	4264	B	S	N	X				
2005 Descopes	M6-1622	SR	4264	B	S	N				X	
2005 Descopes	M7-0502	AC-LV	18600	C	A	N		X			
2005 Descopes	M7-0502	FA	18600	C	A	N		X			
2005 Descopes	M7-0502	HV	18600	C	A	N			X		
2005 Descopes	M7-0502	PA	18600	C	A	N		X			
2005 Descopes	M7-0502	SR	18600	C	A	N				X	
2005 Descopes	M7-0502	SS	18600	C	A	N	X				
2005 Descopes	M7-0502	WP.	18600	C	A	N	X				
2005 Descopes	M7-0607	FA	5000	B	W	N		X			
2005 Descopes	M7-0607	AC-LV	5000	B	W	N		X			
2005 Descopes	M7-0607	AI	5000	B	W	N	X				
2005 Descopes	M7-0607	FG	5000	B	W	N		X			
2005 Descopes	M7-0607	HV	5000	B	W	N			X		
2005 Descopes	M7-0607	SR.	5000	B	W	N				X	
2005 Descopes	M7-0864	FA	12250	C	A	N		X			
2005 Descopes	M7-0864	SY.	12250	C	A	N	X				
2005 Descopes	N6-0959	AC-LV	140	A	M	N		X			
2005 Descopes	N6-0959	KP	140	A	M	N		X			
2005 Descopes	N6-0959	SR	140	A	M	N				X	
2005 Descopes	N6-0959	SS	140	A	M	N	X				
2005 Descopes	N6-0959	WP.	140	A	M	N	X				
2005 Descopes	TR1-023	SR.	420	A	A	N				X	
2005 Descopes	TR1-162	SR.	470	A	A	N				X	
2005 Descopes	TR1-352	SR.	600	A	A	N				X	
2005 Descopes	TR1-482	SR.	672	A	A	N				X	
2005 Descopes	TR1-567	SR.	720	A	A	N				X	
2005 Descopes	TR1-580	SR.	672	A	A	N				X	
2005 Descopes	TR1-582	SR	672	A	A	N				X	
2005 Descopes	TR1-592	SR.	672	A	A	N				X	
2005 Descopes	TR1-594	SR.	672	A	A	N				X	
2005 Descopes	TR1-596	SR	672	A	A	N				X	
2005 Descopes	TR1-606	SR	720	A	A	N				X	
2005 Descopes	TR1-607	SR.	720	A	A	N				X	
2005 Descopes	TR1-611	SR.	500	A	A	N				X	
2005 Descopes	TR1-616	SR	720	A	A	N				X	
2005 Descopes	TR1-617	SR.	720	A	A	N				X	
2005 Descopes	TR1-618	SR	720	A	A	N				X	
2005 Descopes	TR1-619	SR	720	A	A	N				X	
2005 Descopes	TR1-625	SR.	720	A	A	N				X	
2005 Descopes	TR1-691	SR.	500	A	A	N				X	
2005 Descopes	TR1-704	SR.	840	A	A	N				X	
2005 Descopes	TR1-705	SR.	840	A	A	N				X	
2005 Descopes	TR1-706	SR.	840	A	A	N				X	
2005 Descopes	TR1-715	SR.	840	A	A	N				X	
2005 Descopes	TR1-717	SR.	720	A	A	N				X	
2005 Descopes	TR1-722	SR.	672	A	A	N				X	

2005 Descopes	TR1-727	SR.	720	A	A	N				X	
2005 Descopes	TR1-728	SR.	540	A	A	N				X	
2005 Descopes	TR1-730	SR.	672	A	A	N				X	
2005 Descopes	TR1-732	SR.	840	A	A	N				X	
2005 Descopes	TR1-740	SR.	672	A	A	N				X	
2005 Descopes	TR1-741	SR.	672	A	A	N				X	
2005 Descopes	TRM-002	FA	4320	B	A	N		X			
2005 Descopes	TRM-002	SR.	4320	B	A	N				X	
2005 Descopes	TRM-003	AC-LV	5040	B	A	N		X			
2005 Descopes	TRM-003	FA	5040	B	A	N		X			
2005 Descopes	TRM-003	HV	5040	B	A	N			X		
2005 Descopes	TRM-003	SR	5040	B	A	N				X	
2005 Descopes	TRM-003	SS.	5040	B	A	N	X				
2005 Descopes	TRM-007	FA	2880	B	A	N		X			
2005 Descopes	TRM-007	SR.	2880	B	A	N				X	
2005 Descopes	TRM-009	AC-LV	8154	B	A	N		X			
2005 Descopes	TRM-009	FA	8154	B	A	N		X			
2005 Descopes	TRM-009	HV	8154	B	A	N			X		
2005 Descopes	TRM-009	SR	8154	B	A	N				X	
2005 Descopes	TRM-009	SS.	8154	B	A	N	X				
2005 Descopes	TRM-010	FA	2304	B	A	N		X			
2005 Descopes	TRM-010	SR.	2304	B	A	N				X	
2005 Descopes	TRM-016	AC-LV	2160	B	A	F		X			
2005 Descopes	TRM-016	HV	2160	B	A	F			X		
2005 Descopes	TRM-016	SR,	2160	B	A	F				X	
2005 Descopes	TRM-020	SR.	1440	B	A	N				X	
2005 Descopes	TRM-028	SR.	2665	B	A	N				X	
2005 Descopes	TRM-029	AC-LV	2665	B	A	N		X			
2005 Descopes	TRM-029	SR.	2665	B	A	N				X	
2005 Descopes	TRM-030	SR	1440	A	A	N				X	
2005 Descopes	TRM-030	SS	1440	A	A	N	X				
2005 Descopes	TRM-030	WP.	1440	A	A	N	X				
2005 Descopes	TRM-032	AC-LV	3540	B	A	N		X			
2005 Descopes	TRM-032	FA	3540	B	A	N		X			
2005 Descopes	TRM-032	SR	3540	B	A	N				X	
2005 Descopes	TRM-032	SS	3540	B	A	N	X				
2005 Descopes	TRM-032	WP.	3540	B	A	N	X				
2005 Descopes	TRM-034	SR	1820	A	A	N				X	
2005 Descopes	TRM-034	WP.	1820	A	A	N	X				
2005 Descopes	TRM-035	HV	1440	A	A	N			X		
2005 Descopes	TRM-035	SR.	1440	A	A	N				X	
2005 Descopes	TRM-036	AC-LV	7920	B	A	N		X			
2005 Descopes	TRM-036	FA	7920	B	A	N		X			
2005 Descopes	TRM-036	SR.	7920	B	A	N				X	
2005 Descopes	TRM-038	SR.	1344	A	A	N				X	
2005 Descopes	TRM-040	SR.	1440	A	A	N				X	
2005 Descopes	TRM-048	SR	1568	A	A	N				X	
2005 Descopes	TRM-048	SS	1568	A	A	N	X				
2005 Descopes	TRM-048	WP.	1568	A	A	N	X				









## T10 COST IMPACTS - NASA-OWNED FACILITIES

NASA NEW FACILITY/SYSTEM(S)										
FACILITY CATEGORY	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM* SYSTEM IDENTIFIER			
			QTY	UNIT			AC	FA	FG	SY
							HV			
			1	1			1	2		
		NONE								

NASA MODIFIED FACILITY/SYSTEM(S)      NOTE: "Area Affected" is for modified area only										
W	K6-1547	LOGISTICS FACILITY	3,240	SF	10137495	INSTALL F/A SYSTEM UNDER MEZZANINE, K6-1547/ Install additional FA and Fire Sprinkler system devices under Mezzanine			Y	Y

KEYS			
FACILITY CATEGORY	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER	
A Administrative	1 Electrical	Y	Cost Impact
W Warehouse	2 Mechanical	N	No Cost Impact
S Shop	3 HVAC	C	Funded via CCR
L Lab	4 Structure	X	Impact addressed by other Contract vehicle
P Processing Facility	5 Miscellaneous	I	Interim Turnover
M Miscellaneous			Baseline SGS in OMEU

\* CFPM = Comparative Facility Pricing Methodology (formerly referred to as the "02-37 Pricing Methodology")

### T11 COST IMPACTS - NASA-OWNED FACILITIES

NASA-OWNED NEW FACILITY/SYSTEM(S)																						
FACILITY CATEGORY	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM* SYSTEM IDENTIFIER															
			QTY	UNIT			AC					UC										
							HV	LV	AI	EV	EX	EZ	SH	SR	SCADA	UP	VA					
1	1	2	2	2	1	3	4	3	1	2												
		NONE.																				

NASA-OWNED MODIFIED FACILITY/SYSTEM(S) NOTE: "Area Affected" is for modified area only																					
W	K7-1203	EMERGENCY GENERATOR BUILDING	1,454	SF	10171425	REPLACE GENERATOR AND 2000 GALLON FUEL TANK / Replace TWO emergency generators and 2,000 gallon fuel tanks at KSC Press Site.					Y										

KEYS		
FACILITY CATEGORY	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER
A Administrative	1 Electrical	Y Cost Impact
W Warehouse	2 Mechanical	N No Cost Impact
S Shop	3 HVAC	C Funded via CCR
L Lab	4 Structure	X Impact addressed by other Contract vehicle
P Processing Facility	5 Miscellaneous	I Interim Turnover
M Miscellaneous		Baseline SGS in OMEU

\* CFPM = Comparative Facility Pricing Methodology (formerly referred to as the "02-37 Pricing Methodology")

## T17 COST IMPACTS - NASA-OWNED FACILITIES

NEW FACILITY/SYSTEM(S)															
FACILITY CATEGORY	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM* SYSTEM IDENTIFIER								
			QTY	UNIT			AC		FA	FG	HV	LU	SR	SY	TN
							HV	LV							
1	1	1	1	1	3	1	4	2	2						
	K7-1204	PRE-FAB CONCRETE BUILDING (NEW CENTURY)	1,104	SF	PCN 98428	Repair by Replacement/Trailer Abatement Press Site Trailer / Remove existing Trailer TRM-0050 and install a new concrete modular building.		Y	Y	Y	Y	Y	Y	Y	

MODIFIED FACILITY/SYSTEM(S)      NOTE: "Area Affected" is for modified area only															
		NONE.													

KEYS		
FACILITY CATEGORY	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER
A Administrative	1 Electrical	Y Cost Impact
W Warehouse	2 Mechanical	N No Cost impact
S Shop	3 HVAC	C Funded via CCR
L Lab	4 Structure	X Impact addressed by other Contract vehicle
P Processing Facility	5 Miscellaneous	i Interim Turnover
M Miscellaneous		Baseline SGS in OMEU

\* CFPM = Comparative Facility Pricing Methodology (formerly referred to as the "02-37 Pricing Methodology")

## T21 COST IMPACTS - NASA-OWNED FACILITIES

NEW FACILITY/SYSTEM(S)												
FACILITY CATEGORY	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM* SYSTEM					
			QTY	UNIT			AC		FG	HV	LU	SR
							HV	LV				
1	1	1	3	1	4							
	H5-1630	COMM CROSS CONNECT TERMINAL #6	288	SF	10338237	CONST ENCLOSED STRUCTURE TO HOUSE IT COMM BOXES / Construct a 12' X 24' structure with power and A/C to accomodate consolidation of 216 SM fiber cables from LC 39 to commuications boxes near Wilson's corner.	Y		Y		Y	Y
	K7-0955	LCC GUARDHOUSE E-GATE	48	SF	10163532	REPLACE GATE HOUSE, LCC GATE E, K7-0951 / Procure and install replacement shelter for security gate house at the Launch Control Center (LCC), Gate E.		Y	Y	Y	Y	Y
	M6-0136	CD&SC GUARD HOUSE	48	SF	10163526	REPLACE GUARD SHELTER, ENTRANCE TO CD&SC, M6-0138 / Procure and install replacement guard shelter located at the vehicle entrance to the CD&SC, M6-0138.		Y	Y	Y	Y	Y
MODIFIED FACILITY/SYSTEM(S)      NOTE: "Area Affected" is for modified area only												
		NONE.										

KEYS		
FACILITY CATEGORY	SYSTEM IDENTIFIER	
A Administrative	1 Electrical	Y Cost Impact
W Warehouse	2 Mechanical	N No Cost Impact
S Shop	3 HVAC	C Funded via CCR
L Lab	4 Structure	X Impact addressed by other Contract vehicle
P Processing Facility	5 Miscellaneous	i Interim Turnover
M Miscellaneous		Baseline SGS in OMEU

\* CFPM = Comparative Facility Pricing Methodology (formerly referred to as the "02-37 Pricing Methodology")

## T24 COST IMPACTS - NASA-OWNED FACILITIES

NEW FACILITY/SYSTEM(S)																	
FACILITY CATEGOR Y	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	System										
			QTY	UNIT			AC		NON-CFPM SYSTEMS								
							HV	LV	FG	HV	LU	SR	ON	OX	PI	PK	PS
1	1	1	3	1	4												
	H5-2146	GUARD OVERWATCH (GATE 4)	40	SF	PCN 98499	CONSTRUCT GUARD OVERWATCH FACILITIES (WON 10387089) / Install guard overwatch shelters. Work to include structural slab for shelters, electrical and HVAC.		Y	Y	Y	Y	N					N
	M6-0220	GUARD OVERWATCH (GATE 3)	40	SF	PCN 98499	SEE DESCRIPTION ABOVE		Y	Y	Y	Y	N					N
	M6-1731	GUARD OVERWATCH (GATE 2)	40	SF	PCN 98499	SEE DESCRIPTION ABOVE		Y	Y	Y	Y	N					N

MODIFIED FACILITY/SYSTEM(S)      NOTE: "Area Affected" is for modified area only																	
		NONE.															

KEYS			
FACILITY CATEGORY	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER	
A Administrative	1 Electrical	Y Cost Impact	
W Warehouse	2 Mechanical	N No Cost Impact	
S Shop	3 HVAC	C Funded via CCR	
L Lab	4 Structure	X Impact addressed by other Contract vehicle	
P Processing Facility	5 Miscellaneous	I Interim Turnover	
M Miscellaneous			Baseline SGS in OMEU

## T25 COST IMPACTS - NASA-OWNED FACILITIES

NEW FACILITY/SYSTEM(S)									
FACILITY CATEGOR Y	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM SYSTEM IDENTIFIER		
			QTY	UNIT			AC		HV
							HV	LV	
		NONE.					1	1	3

MODIFIED FACILITY/SYSTEM(S)      NOTE: "Area Affected" is for modified area only									
	K6-0947	UTILITY ANNEX (KSC)	400	SF	PCN 98484	PARALLEL COMPRESSOR UTILITY ANNEX, CHILLER # 4.5 & SOFT START CAPABILITY FOR CHILLERS 1 & 2 / Install Half Size (1100 TON) Chiller Compressor in parallel with Chiller #4 existing compressor to allow for greater control of capacity loads. Install Soft Start capability on two 2500 Ton Chillers (Chillers #1 and #2) to allow for reduced demand requirements during start up.			
							Y		Y

KEYS			
FACILITY CATEGORY	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER
A Administrative	1 Electrical	Y Cost Impact	
W Warehouse	2 Mechanical	N No Cost Impact	
S Shop	3 HVAC	C Funded via CCR	
L Lab	4 Structure	X Impact addressed by other Contract vehicle	
P Processing Facility	5 Miscellaneous	i Interim Turnover	
M Miscellaneous			Baseline SGS in OMEU





**T32 COST IMPACTS - NASA-OWNED FACILITIES**

**NEW FACILITY/SYSTEM(S)**

FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM SYSTEM IDENTIFIER										TEAM MEMB SERV				
		QTY	UNIT			AC		FA	FG	HV	LU	SR	SS	SY	WP	LQ	PES	REF	RG	
						HV	LV													
1	1	1	1	3	1	4	2	2	2											
K6-0746	PRE-FAB CONCRETE OFFICE BLDG	1,440	SF	PCN 98456	CONSTRUCT VARIOUS CONCRETE MODULAR REPLACEMENT-TRM-0102 CRAWLER / Perform all the work associated with the installation of a Precast Modular structure.		Y	Y	Y	N	Y	Y	N	Y	N					N
K6-0492	PRE-FAB CONCRETE BUILDING (NEW CENTURY)	1,440	SF	PCN 98455	CONSTRUCT VARIOUS CONCRETE MODULAR REPLACEMENT-TRM-0023 RPSF / Same as above.		Y	Y	Y	N	Y	Y	N	Y	N					N
K6-0547	PRE-FAB CONCRETE BUILDING (NEW CENTURY)	1,440	SF	PCN 98454	CONSTRUCT VARIOUS CONCRETE MODULAR REPLACEMENT -TR6-0100 MLP / Same as above.		Y	Y	Y	N	Y	Y	Y	Y	Y					N

**MODIFIED FACILITY/SYSTEM(S) NOTE: "Area Affected" is for modified area only**

UK-0020	PRIMARY UNDERGROUND (KSC)	200	SF	PCN 96970	REVITALIZE POWER CABLE AND DUCT REPLACEMENT, PH. I /	Y														
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**KEYS**

FAC CAT	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER
A Admin	1 Electrical	Y Cost Impact
W Whrse	2 Mechanical	N No Cost Impact
S Shop	3 HVAC	C Funded via CCR
L Lab	4 Structure	X Impact addressed by other Contract vehicle
P Proces	5 Miscellaneous	I Interim Turnover
M Miscell		Baseline SGS in OMEU



## T42 COST IMPACTS - NASA-OWNED FACILITIES

NEW FACILITY/SYSTEM(S)																						
FAC CAT	FACILITY NUMBER	FACILITY NAME	AREA AFFECTED		TOTAL SQ FT	PROJECT NUMBER	PROJECT NAME / BRIEF SCOPE	CFPM SYSTEM IDENTIFIER							TEAM MEMB SYST/SERVICES							
			QTY	UNIT				AC	LV	FG	HV	LU	SR	SS	WA	WP	JAN	LQ	PES	REF	RG	ROA
								1														
	K6-0544	PRE-FAB CONCRETE RESTROOM	864	SF	SAME	PCN 98266	MLP MODULAR RESTROOM UNIT / Install concrete modular restroom facility at the MLP site.	Y	Y	Y	Y	Y	Y		Y						N	
	K6-1395	PRE-FAB CONCRETE RESTROOM	864	SF	SAME	PCN 98266	LES MODULAR RESTROOM UNIT / Install concrete modular restroom facility at the LES site.	Y	Y	Y	Y	Y	Y		Y						N	
	UK-0026	SEWAGE SYSTEM	1,200	SF	N/A	PCN 98266	SAME AS ABOVE						Y									
	UK-0031	WATER SYSTEM	50	SF	N/A	PCN 98266	SAME AS ABOVE							Y								

MODIFIED FACILITY/SYSTEM(S)												NOTE: "Area Affected" is for modified area only																				
NONE.																																

KEYS		
FACILITY CATEGORY	SYSTEM IDENTIFIER	SYSTEM IDENTIFIER
A Administrative	1 Electrical	Y Cost Impact
W Warehouse	2 Mechanical	N No Cost Impact
S Shop	3 HVAC	C Funded via CCR
L Lab	4 Structure	X Impact addressed by other
P Processing Facility	5 Miscellaneous	Contract vehicle
M Miscellaneous		Interim Turnover
		Baseline SGS in OMEU



## NON-CFPM LIST

Turnover Number	ProjectNumber	Facility	System	Equipment Type	Labor Group
T-7	10084734	K6-0848	SY	Fire Sprinkler	Mech
T-7	PCN97366	UK-0031	WA	Water Distribution	Mech
T-7	PCN97366.1	UK-0031	WA	Water Distribution	Mech
T-7	PCN98077	UK-0013	RG	Fence, Chain Link	Misc
T-7	PCN98077	M7-0355	SR	Structure	Struct
T-7	PCN98077	M7-0360	SR	Structure	Struct
T-8	PCN97087.1	UK-0033	LE	Traffic Control Lighting	Elect
T-8	PCN97087.1	UK-0004	PIU	Bituminous Roads	Misc
T-8	PCN97087.1	UK-0004	RG	Roads/Grounds	Misc
T-8	PCN97087.3	UK-0033	LE	Traffic Control Lighting	Elect
T-8	PCN97087.3	UK-0004	PI	Bituminous Roads	Misc
T-8	PCN97087.3	UK-0004	RG	Roads/Grounds	Misc
T-9	DBEH03-158	UK-0026	SS	Sanitary and Sewage	Mech
T-9	DBEH03-158	UK-0013	RG	Fence, Chain Link	Misc
T-10	PCN97397	UK-0020	AC/HV	High Voltage	Elect
T-15	10096542	UK-0013	RG	Fence, Chain Link	Misc
T-11	C0357A00	J7-0337	AC/LV	Low Voltage	Elect
T-11	C0357A00	J7-0337	FG	Facility Grounding	Elect
T-11	C0357A00	J7-0337	KP	Electronic Security	Elect
T-11	C0357A00	J7-0337	LE	Special Lighting	Elect
T-11	C0357A00	J7-0337	LU	Lightning Protection	Elect
T-11	C0357A00	J7-0337	UP	Uninterruptible Power Supply	Elect
T-11	C0357C00	K6-0848	AC/LV	Low Voltage	Elect
T-11	C0357C00	K6-0848	FG	Facility Grounding	Elect
T-11	C0357C00	K6-0848	KP	Electronic Security	Elect
T-11	C0357C00	K6-0848	LE	Special Lighting	Elect
T-11	C0357C00	K6-0848	LU	Lightning Protection	Elect
T-11	C0357D00	K6-0894	AC/LV	Low Voltage	Elect
T-11	C0357D00	K6-0894	FG	Facility Grounding	Elect
T-11	C0357D00	K6-0894	KP	Electronic Security	Elect
T-11	C0357D00	K6-0894	LE	Special Lighting	Elect
T-11	C0357D00	K6-0894	LU	Lightning Protection	Elect
T-11	C0357D00	K6-0896	AC/LV	Low Voltage	Elect
T-11	C0357D00	K6-0896	FG	Facility Grounding	Elect
T-11	C0357D00	K6-0896	KP	Electronic Security	Elect
T-11	C0357D00	K6-0896	LE	Special Lighting	Elect
T-11	C0357D00	K6-0896	LU	Lightning Protection	Elect
T-11	C0357E00	M7-0360	AC/LV	Low Voltage	Elect
T-11	C0357E00	M7-0360	FG	Facility Grounding	Elect
T-11	C0357E00	M7-0360	KP	Electronic Security	Elect
T-11	C0357E00	M7-0360	LE	Special Lighting	Elect
T-11	C0357E00	M7-0360	LU	Lightning Protection	Elect
T-11	C0357E00	K6-1141	AC/LV	Low Voltage	Elect
T-11	C0357E00	K6-1141	FG	Facility Grounding	Elect
T-11	C0357E00	K6-1141	KP	Electronic Security	Elect
T-11	C0357E00	K6-1141	LE	Special Lighting	Elect
T-11	C0357E00	K6-1141	LU	Lightning Protection	Elect
T-11	C0357E00	UK-0013	RG	Fence, Chain Link	Misc

T-11	C0357G00	M6-0138	AC/LV	Low Voltage	Elect
T-11	C0357G00	M6-0138	FG	Low Voltage	Elect
T-11	C0357G00	M6-0138	KP	Electronic Security	Elect
T-11	C0357G00	M6-0138	LE	Special Lighting	Elect
T-11	C0357G00	M6-0138	LU	Lightning Protection	Elect
T-11	C0357G00	UK-0023	WQ	Waterways	Misc
T-20	PCN96036	K7-0468	SR	Structure	Struct
T-23	10043816	M7-0360	UC	Utility Control	HVAC
T-23	10043816	K6-0696	UC	Utility Control	HVAC
T-23	10043816	K6-1145	UC	Utility Control	HVAC
T-23	10043816	K6-0947	UC	Utility Control	HVAC
T-23	10043816	M6-0342	UC	Utility Control	HVAC
T-23	10043816	M6-0399	UC	Utility Control	HVAC
T-23	10043816	M6-0495	UC	Utility Control	HVAC
T-23	10043816	M6-0595	UC	Utility Control	HVAC
T-23	10043816	M6-0695	UC	Utility Control	HVAC
T-23	10043816	M6-0698	UC	Utility Control	HVAC
T-23	10043816	M7-0351	UC	Utility Control	HVAC
T-23	10043816	M7-0355	UC	Utility Control	HVAC
T-23	10043816	M7-0407	UC	Utility Control	HVAC
T-23	10043816	M7-0409	UC	Utility Control	HVAC
T-23	10043816	M7-0505	UC	Utility Control	HVAC
T-23	10043816	M6-0744	UC	Utility Control	HVAC
T-27	C0415000	K7-0415	RG	Roads/Grounds	Misc
T-27	C0415000	UK-0003	PIU	Bituminous Parking	Misc
T-27	C0415000	UK-0013	WA	Water Distribution	Mech

Tech Doc Factor  
Total Hours

NASA Scrub List 2006

Action Required	Facility Number	Facility Name	Sub-system	Sub-system Description	King's Comments
Add	15603	NITROGEN STORAGE FACILITY	SR	STRUCTURE, #15603 NITROGEN STORAGE FAC.	x
Add	15605	LOX TANK	TN	TANK, LIQUID OXYGEN, #15605 TANK	x
Add	15606	LOX TANK	SR	STRUCTURE, #15607 SWITCH STATION	x
Add	15606	LOX TANK	TN	TANK, LIQUID OXYGEN, #15606 TANK	x
Add	15607	SWITCH STATION	SR	STRUCTURE, #15607 ELEC SWITCH STATION	x
Add	15608	POWER CENTER	SR	STRUCTURE, #15608 POWER CENTER	x
Add	15610	STORAGE FACILITY	SR	STRUCTURE, #15610 STORAGE FACILITY	x
Add	15611	STORAGE FACILITY	SR	STRUCTURE, #15611 STORAGE FACILITY	x
Add	15612	CAMERA PADS and STRUCTURES	SR	STRUCTURE, #15612, CAMERA PADS & STRUCTURES	x
Add	15613	LIGHTNING PROTECTION TOWERS - PAD A	SR	STRUCTURE, #15613 LTG PROT TOWERS PAD A	x
Add	15614	LIGHTNING PROTECTION TOWERS - PAD B	SR	STRUCTURE, #15614 LTG PROT TOWERS -PAD B	x
Add	15615	SUBSTATION	SR	STRUCTURE, #15615 SUBSTATION	x
Add	15620	CABLE TRAY	UC	UTILITY, #15620 CABLE TRAY	x
Add	18800	BLOCKHOUSE CX 20	EV	ELEVATOR, #18800 BLOCKHOUSE CX 20	x
Add	18800	BLOCKHOUSE - CX 20	HY	HYDRAULIC LIFT, #18800 BLOCKHOUSE CX 20	x
Add	18800	BLOCKHOUSE - CX 20	SS	SANITATION/SEWAGE, #18800 BLOCKHOUSE C20	x
Add	18808	SEPTIC TANK	FG	GROUNDING, #18808 SEPTIC TANK	x
Add	18808	SEPTIC TANK	LU	LTG PROT, #18808 SEPTIC TANK	x
Add	49635	ENVIRONMENTAL HEALTH/HEALTH PHYSICS FACILITY	AI	COMPRESSED AIR, #49635 ENV HLTH FAC	x
Add	49635	ENVIRONMENTAL HEALTH/HEALTH PHYSICS FACILITY	SS	SANITATION/SEWAGE, #49635 ENV HLTH FAC	x
Add	60425	PRESSURE PROOF TEST CELL	SS	SANITATION/SEWAGE, #60425 PROOF TEST CL	x
Add	60425	PRESSURE PROOF TEST CELL	WP	POTABLE WATER, #60425 PRESSURE PROOF TST	x
Add	60683	EQUIPMENT PAD	SR	STRUCTURE, #60683 EQUIPMENT PAD	x
Add	66221	LIFE SUPPORT EQUIPMENT STORAGE	SS	SANITATION/SEWAGE, #66221 LIFE SUPT EQP	x
Add	66257A	FUEL TANK	SR	TANK, #66257A DIESEL FUEL TANK	x
Add	66266	DRUM STORAGE BUILDING	FG	GROUNDING, #66266 DRUM STORAGE BUILDING	x
Add	66266	DRUM STORAGE BUILDING	LU	LTG PROT, #66266 DRUM STORAGE BUILDING	x

Add	66266	DRUM STORAGE BUILDING	WP	POTABLE WATER, #66266 DRUM STORAGE BLDG	X
Add	66310	SRB PAINT BUILDING	TN	TANK, WATER, #66310 WATER TANK	X
Add	66310	SRB PAINT BUILDING	TN	TANK, WATER, #66310 WATER TANK	X
Add	66320	ROBOT WASH BUILDING	SY	FIRE SPRINKLER, #66320 ROBOT WASH BLDG	X
Add	77602	HELIUM BOTTLE SHED	FG	GROUNDING, #77602 HELIUM BOTTLE SHED	X
Add	77800	FACILITY	SY	FIRE SPRINKLER, #77800 HYPERGOL FUEL FAC	X
Add	95190	LASER LAB	FA	FIRE ALARM, #95190, LASER LAB, VESDA	X
Add	C2-1060	KSC NORTH RADIO TOWER	FG	GROUNDING, C2-1060 NORTH RADIO TOWER	X
Add	C2-1060	KSC NORTH RADIO TOWER	LU	LTG PROT, C2-1060 KSC NORTH RADIO TOWER	X
Add	G5-1061	MICROWAVE TOWER	AC	POWER, G5-1061 MICROWAVE TOWER LV	X
Add	G5-1061	MICROWAVE TOWER	FG	GROUNDING, G5-1061 MICROWAVE TOWER	X
Add	G5-1061	MICROWAVE TOWER	LU	LTG PROT, G5-1061 MICROWAVE TOWER	X
Add	H5-1434	MAINTENANCE BUILDING	AC	POWER, H5-1434 CNSS MAINTENANCE BLDG, HV	X
Add	H5-1434	MAINTENANCE BUILDING	AI	COMPRESSED AIR, H5-1434 CNSS MAINT BLDG,	X
Add	H5-1434	MAINTENANCE BUILDING	SR	STRUCTURE, H5-1434 CNSS MAINTENANCE BLDG	X
Add	H5-1635	TOWER	SR	STRUCTURE, H5-1635 TOWER	X
Add	H5-1635	TOWER	SR	STRUCTURE, H5-1635 TOWER	X
Add	H5-2146	GUARD OVERWATCH (GATE 4)	SR	STRUCTURE, H5-2146 GUARD OVERWATCH/GATE4	X
Add	H5-2146	GUARD OVERWATCH (GATE 4)	X	X	X
Add	H5-2146	GUARD OVERWATCH (GATE 4)	X	X	X
Add	H5-2146	GUARD OVERWATCH (GATE 4)	X	X	X
Add	H5-2146	GUARD OVERWATCH (GATE 4)	X	X	X
Add	H5-2146	GUARD OVERWATCH (GATE 4)	X	X	X
Add	H5-2176	SUBSTATION 15	PR	DOOR, H5-2176 ALS SUBSTATION 15, POWERED	X
Add	H5-2274	MICROWAVE SCAN BEAM L/S RW	33		
Add	H5-2274	MICROWAVE SCAN BEAM L/S RW	FA	FIRE ALARM, H5-2274 MSBLS AZIM/DME RW33N	X
Add	H5-2274	MICROWAVE SCAN BEAM L/S RW	FG	GROUNDING, H5-2274 MSBLS AZIM/DME RW33N	X
Add	H5-2274	MICROWAVE SCAN BEAM L/S RW	33		
Add	H5-2274	MICROWAVE SCAN BEAM L/S RW	HV	HVAC, H5-2274 MSBLS AZIM/DME RW 33N	X
Add	H5-2274	MICROWAVE SCAN BEAM L/S RW	LU	LTG PROT, H5-2274 MSBLS AZIM/DME RW 33N	X
Add	H5-2324	MSBLS MONITOR RW 33 N	FG	GROUNDING, H5-2324 MSBLS MONITOR 4W 33N	X
Add	H5-2324	MSBLS MONITOR RW 33 N	LU	LTG PROT, H5-2324 MSBLS MONITOR RW 33N	X
Add	H7-1986	UNIVERSAL CAMERA PAD #4	LU	LTG PROT, H7-1986 UNIVSL CAMERA PAD #4	X

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Add	J5-0132	METEOROLOGICAL SITE #5	AC	POWER, J5-0132 METEOROLOGICAL SITE #5 LV	x
Add	J5-0533	MSBLS MONITOR R/W 15 N	FG	GROUNDING, J5-0533 MSBLS MONITOR R/W 15	x
Add	J5-0533	MSBLS MONITOR R/W 15 N	LU	LTG PROT, J5-0533 MSBLS MONITOR R/W 15 N	x
Add	J5-1144	METEOROLOGICAL SITE #3	AC	POWER, METEOROLOGICAL SITE #3 LV	x
Add	J5-1144	METEOROLOGICAL SITE #3	FG	GROUNDING, J5-1144 METEOROLOGICAL SITE#3	x
Add	J5-1144	METEOROLOGICAL SITE #3	LU	LTG PROT, J5-1144 METEOROLOGICAL SITE #3	x
Add	J5-1195A	ANTENNA TOWER FOR VDL ANTENNA	AC	POWER, J5-1195A ANTENNA TOWER LV	x
Add	J5-1195A	ANTENNA TOWER FOR VDL ANTENNA	FG	GROUNDING, J5-1195A ANTENNA TOWER	x
Add	J5-1195A	ANTENNA TOWER FOR VDL ANTENNA	LU	LTG PROT, J5-1195A ANTENNA TOWER	x
Add	J5-1244	SLF OPTICAL TRACKER SITE B	SR	STRUCTURE, J5-1246 OBSERVATION PLATFORM	x
Add	J5-2050	MSBLS MONITOR, SOUTH RUNWAY 33	FG	GROUNDING, J5-2050 MSBLS MONITOR,S RUNWY	x
Add	J5-2050	MSBLS MONITOR, SOUTH RUNWAY 33	LU	LTG PROT, J5-2050 MSBLS MONITOR S RUNWAY	x
Add	J6-0306	EQUIPMENT BUILDING	HV	HVAC, J6-0306 EQUIPMENT SHELTER (HRT)	x
Add	J6-0530	GUARD HOUSE	SR	STRUCTURE, J6-0530 GUARD HOUSE	x
Add	J6-1830	GUARD HOUSE	SR	STRUCTURE, J6-1830 GUARD HOUSE	x
Add	J6-1876	SUPPORT BUILDING	SR	STRUCTURE, J6-1876 SUPPORT BUILDING	x
Add	J6-2030	GUARD HOUSE	SR	STRUCTURE, J6-2030 GUARD HOUSE	x
Add	J6-2408	WIND SOCK	SR	STRUCTURE, J6-2408 WIND SOCK	x
Add	J6-2409	METEOROLOGICAL SITE #4	FG	GROUNDING, J6-2409 METEOROLOGICAL SITE 4	x
Add	J6-2409	METEOROLOGICAL SITE #4	LU	LTG PROT, J6-2409 METEOROLOGICAL SITE #4	x
Add	J7-0183	CAMERA PAD B #6	WP	POTABLE WATER, J7-0183 CAMERA PAD B #6	x
Add	J7-0183A	CAMERA PAD 6 METEOROLOGICAL TOWER - 60 FT	SR	STRUCTURE, J7-0183A CAMERA PAD 6 TOWER	x
Add	J7-0243A	TEMPORARY BUILDING #35	FG	GROUNDING, J7-0243A TEMPORARY BLDG #35	x
Add	J7-0331	SLIDEWIRE TERMINATION FACILITY (PAD B AREA)	WP	POTABLE WATER, J7-0331 SLIDEWIRE TERMIN	x
Add	J7-0338	COMPRESSED AIR BLDG.	AI	COMPRESSED AIR, J7-0338 COMP.AIR BLDG.	x
Add	J7-0491	ELECTRICAL EQUIPMENT BLDG. #3	HV	HVAC, J7-0491 ELECTRICAL EQUIPMENT BLDG	x

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Add	J7-0589A	CAMERA PAD 3 METEOROLOGICAL TOWER - 60 FT	SR	STRUCTURE, J7-0589A CAMERA PAD 3 TOWER	x
Add	J7-0637A	RAIN SHELTER (PAD B AREA)	AC	POWER, J7-0637A RAIN SHELTER LV	x
Add	J7-0686	PAD B GATE HOUSE	AC	POWER, J7-0686 GATE HOUSE HV	x
Add	J7-0688	PAD B LOGISTICS FACILITY	PR	DOOR, J7-0688 PAD B LOGISTICS FAC, PWRD	x
Add	J7-1388	INDUSTRIAL WATER PUMPING STATION	FG	GROUNDING, J7-1388 IND WATER PUMP STN	x
Add	J7-1388	INDUSTRIAL WATER PUMPING STATION	LU	LTG PROT, J7-1388 IND WATER PUMPING STN	x
Add	J7-2112A	ELECTRICAL EQUIPMENT BUILDING	FG	GROUNDING, J7-2112A ELECTRICAL EQ BLDG	x
Add	J7-2112A	ELECTRICAL EQUIPMENT BUILDING	LU	LTG PROT, J7-2112A ELECTRICAL EQ BLDG	x
Add	J8-0755	Tour Bus Pad Viewing Area	AC/LV	X	x
Add	J8-0755	Tour Bus Pad Viewing Area	FG	X	x
Add	J8-0755	Tour Bus Pad Viewing Area	LU	X	x
Add	J8-1462	HIGH PRESSURE GH2 FACILITY	SY	FIRE SPRINKLER, J8-1462 HP GH2 FACILITY	x
Add	J8-1554A	CAMERA PAD 6 METEOROLOGICAL TOWER - 60 FT	SR	STRUCTURE, J8-1554A CAMERA PAD 6 TOWER	x
Add	J8-1659	COMPRESSED AIR BLDG.	AI	COMPRESSED AIR, J8-1659 COMP. AIR BLDG.	x
Add	J8-1703	SLIDEWIRE TERMINATION FACILITY (PAD A AREA)	WP	POTABLE WATER, J8-1703 SLIDEWIRE TERM.	x
Add	J8-1707	WATER CHILLER BLDG. (PAD A AREA)	FA	FIRE ALARM, J8-1707 WATER CHILLER BLDG.	x
Add	J8-1708	LAUNCH PAD 39A (A-G) (PAD A AREA)	WP	POTABLE WATER, J8-1708 PAD A	x
Add	J8-1959A	RAIN SHELTER	AC	POWER, J8-1959A RAIN SHELTER LV	x
Add	J8-1961A	CAMERA PAD 3 METEOROLOGICAL TOWER - 60 FT	SR	STRUCTURE, J8-1961A CAMERA PAD 3 TOWER	x
Add	J8-2190	TOWER	SR	STRUCTURE, J8-2190 TOWER	x
Add	J8-2190	TOWER	SR	STRUCTURE, J8-2190 TOWER	x
Add	K6-0015	CONVOY VEHICLE ENCLOSURE	AC	POWER, K6-0015 CONVOY VEHICLE ENCL. LV	x

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Add	K6-0015	CONVOY VEHICLE ENCLOSURE	HV	HVAC, K6-0015 CONVOY VEHICLE ENCLOSURE	x
Add	K6-0544	RESTROOM	HV	HVAC, K6-0544 RESTROOM	x
Add	K6-0544	RESTROOM	LU	LTG PROT, K6-0544 RESTROOM	x
Add	K6-0730	GUARD HOUSE	SR	STRUCTURE, K6-0730 GUARD HOUSE	x
Add	K6-0794A	POL (VAB AREA)	FA	FIRE ALARM, K6-0794A POL BLDG.	x
Add	K6-0844	ECLSS/HYDRAULIC SUPPORT BUILDING #1	SS	SANITATION/SEWAGE, K6-0844 ECLSS SUPPORT	x
Add	K6-0893	ECLSS/HYDRAULIC SUPPORT BUILDING #2	SS	SANITATION/SEWAGE, K6-0893 ECLSS/HYDRAUL	x
Add	K6-0947	UTILITY ANNEX	TN	TANK, K6-0947 FUEL OIL, 30K, QTY 3	x
Add	K6-0947	UTILITY ANNEX	TN	TANK, K6-0947 FUEL OIL, 30K, QTY 3	x
Add	K6-0947	UTILITY ANNEX	TN	TANK, K6-0947 FUEL OIL, 30K, QTY 3	x
Add	K6-0947D	EQUIPMENT BUILDING (VAB AREA)	WP	POTABLE WATER, K6-0947D EQUIPMENT BLDG	x
Add	K6-0999	TURNSTILE SHELTER	AC	POWER, K6-0999 TURNSTILE SHELTER HV	x
Add	K6-1347B	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1347B STORAGE BUILDING	x
Add	K6-1347C	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1347C STORAGE BUILDING	x
Add	K6-1347D	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1347D STORAGE BUILDING	x
Add	K6-1347E	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1347E STORAGE BUILDING	x
Add	K6-1347F	HAZARDOUS WASTE STORAGE FACILITY REA)	SR	STRUCTURE, K6-1347F HAZ WASTE STOR FAC	x
Add	K6-1395	PRE-FAB CONCRETE RESTROOM REA)	HV	HVAC, K6-1395 RESTROOM	x
Add	K6-1395	PRE-FAB CONCRETE RESTROOM REA)	LU	LTG PROT, K6-1395 RESTROOM	x
Add	K6-1395	PRE-FAB CONCRETE RESTROOM REA)	SR	STRUCTURE	x
Add	K6-1395	PRE-FAB CONCRETE RESTROOM REA)	SS	SEWAGE	x
Add	K6-1395	PRE-FAB CONCRETE RESTROOM REA)	WP	POTABLE WATER	x

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Add	K6-1397E	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1397E STORAGE BUILDING	x
Add	K6-1397F	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1397F STORAGE BUILDING	x
Add	K6-1397G	POL REA)	SR	STRUCTURE, K6-1397G POL	x
Add	K6-1397H	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1397H STORAGE BUILDING	x
Add	K6-1397I	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1397I STORAGE BUILDING	x
Add	K6-1449	General Warehouse	FG	X	x
Add	K6-1449	METAL STORAGE BUILDING REA)	FG	GROUNDING, K6-1449 METAL STORAGE BLDG	x
Add	K6-1449	METAL STORAGE BUILDING REA)	LU	LTG PROT, K6-1449 GENERAL WAREHOUSE	x
Add	K6-1449	General Warehouse	LU	X	x
Add	K6-1696A	WASTE WATER TREATMENT PLANT (CONTRACTORS RD AREA)REA)	SS	SANITATION/SEWAGE, K6-1696A WASTE WTR TR	x
Add	K6-1896C	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1896C STORAGE BUILDING	x
Add	K6-1896D	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1896D STORAGE BUILDING	x
Add	K6-1896E	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1896E STORAGE BUILDING	x
Add	K6-1995	HEAVY EQUIPMENT MAINTENANCE SHOP	PR	DOOR, K6-1995 HVY EQUIPT SHOP, POWERED	x
Add	K6-1996H	HEAVY EQUIPMENT OFFICE BUILDING	HV	HVAC, K6-1996H HEAVY EQUIP. OFFICE BLDG.	x
Add	K6-1996N	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1996N STORAGE BUILDING	x
Add	K6-1996P	RIGGING STORAGE BUILDING REA)	SR	STRUCTURE, K6-1996P RIGGING STORAGE BLDG	x
Add	K6-1996Q	POL REA)	SR	STRUCTURE, K6-1996Q POL	x
Add	K6-1996R	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1996R STORAGE BUILDING	x

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Add	K6-1996S	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1996S STORAGE BUILDING	x
Add	K6-1996T	COMPRESSOR ROOM REA)	SR	STRUCTURE, K6-1996T COMPRESSOR ROOM	x
Add	K6-1996U	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1996U STORAGE BUILDING	x
Add	K6-1996V	STORAGE BUILDING REA)	SR	STRUCTURE, K6-1996V STORAGE BUILDING	x
Add	K6-1998	ASTRONAUT VAN GARAGE REA)	AC	POWER, K6-1998 ASTRONAUT VAN GARAGE LV	x
Add	K6-1998	ASTRONAUT VAN GARAGE REA)	SR		x
Add	K6-2045	HIGH CREW STORAGE BUILDING	LU	LTG PROT, K6-2045 HIGH CREW STORAGE BLDG	x
Add	K6-2359	SECURITY TRAINING CENTER	AI	COMPRESSED AIR, K6-2359 SEC TRAINING CTR	x
Add	K7-0287	SECURITY BOATHOUSE	TN	TANK, K7-0287 SECURITY BOATHOUSE	x
Add	K7-0413	LO2 STORAGE SHED	FG	GROUNDING, K7-0413 LOX STORAGE SHED	x
Add	K7-0413	LO2 STORAGE SHED	LU	LTG PROT, K6-0413 LOX STORAGE SHED	x
Add	K7-0422	REPEATER BLDG #2	AC	POWER, K7-0422 REPEATER BLDG #2 HV	x
Add	K7-0506	ORDNANCE LAB #1	SS	SANITATION/SEWAGE, K7-0506 ORDNANCE LAB	x
Add	K7-0830	GUARD HOUSE	SR	STRUCTURE, K7-0830 GUARD HOUSE	x
Add	K7-0831	GUARD HOUSE	SR	STRUCTURE, K7-0831 GUARD HOUSE	x
Add	K7-0955	LCC GUARDHOUSE E-GATE	AC	POWER, K7-0955 LCC GUARDHOUSE E-GATE LV	x
Add	K7-1607	COMMUNICATION TOWER	SR	STRUCTURE, K7-1607 COMMUNICATION TOWER	x
Add	K8-0600	PRE-FAB CONCRETE BUILDING (NEW CENTURY)	A	x	x
Add	K8-1404	FORWARD OBSERVER TOWER	FG	GROUNDING, K8-1404 FORWARD OBSERVER TWR	x
Add	K8-1404	FORWARD OBSERVER TOWER	LU	LTG PROT, K8-1404 FORWARD OBSERVER TOWER	x
Add	L7-0940	CLASSROOM BUILDING	AC	POWER, L7-0940 CLASSROOM BUILDING HV	x
Add	M5-0792	TOWER	SR	STRUCTURE, M5-0792 TOWER	x
Add	M5-1394	GATE HOUSE	HV	HVAC, M5-1394 GATE HOUSE	x
Add	M5-1549	ANTENNA	SR	STRUCTURE, M5-1549 ANTENNA	x
Add	M5-1594	HAZARDOUS WASTE STAGING SHELTER	FG	GROUNDING, M5-1594 HAZ WASTE STAGE AREA	x
Add	M5-1594	HAZARDOUS WASTE STAGING SHELTER	LU	LTG PROT, M5-1594 HAZ WASTE STAGE AREA	x

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Add	M6-0136	CD&SC GUARD HOUSE	AC	POWER, M6-0136 CD&SC GUARD HOUSE LV	x
Add	M6-0278	TENNIS COURT	AC	POWER, M6-0278 TENNIS COURT LV	x
Add	M6-0329	TENNIS COURT	AC	POWER, M6-0329 TENNIS COURT LV	x
Add	M6-0337	PLATFORM	SR	STRUCTURE, M6-0337 PLATFORM	x
Add	M6-0337	PLATFORM	SR	STRUCTURE, M6-0337 PLATFORM	x
Add	M6-0338	PLATFORM	SR	STRUCTURE, M6-0338 PLATFORM	x
Add	M6-0338	PLATFORM	SR	STRUCTURE, M6-0338 PLATFORM	x
Add	M6-0342	CENTRAL INSTRUMENTATION FACILITY	AZ	PANEL, BREATHING AIR, M6-0342 CIF	x
Add	M6-0409C	Food Service Building	SS	X	x
Add	M6-0409D	Cafeteria	SS	X	x
Add	M6-0486J	STORAGE BUILDING	HV	HVAC, M6-0486J STORAGE BUILDING	x
Add	M6-0486J	STORAGE BUILDING	PR	DOOR, M6-0486J STORAGE BLDG, POWERED	x
Add	M6-0486K	POL	SR	STRUCTURE, M6-0486K POL	x
Add	M6-0486K	POL	SR	STRUCTURE, M6-0486K POL	x
Add	M6-0495B	MEDICAL SUPPLY STORAGE BUILDING	HV	HVAC, M6-0495B MEDICAL STORAGE BLDG	x
Add	M6-0534	HEAVY EQUIPMENT WASH FACILITY	WP	POTABLE WATER, M6-0534 HVY EQUIP MAINT	x
Add	M6-0536A	POL BUILDING	LU	LTG PROT, M6-0536A POL BUILDING	x
Add	M6-0537	STORAGE and SALVAGE OFFICE	FG	GROUNDING, M6-0537 STORAGE & SALVAGE OFF	x
Add	M6-0537	STORAGE and SALVAGE OFFICE	HV	HVAC, M6-0537 STORAGE & SALVACE OFFICE	x
Add	M6-0586	PROOF LOAD TEST STRUCTURE	FG	GROUNDING, M6-0586 PROOF LOAD TEST STR	x
Add	M6-0587	HEAVY EQUIPMENT OPERATIONS	HV	HVAC, M6-0587 HEAVY EQUIPMENT SHOP	x
Add	M6-0595C	ENVIRONMENTAL STORAGE SHED	AI	COMPRESSED AIR, M6-0595C ENVIRNMTL STOR	x
Add	M6-0596	Service Station	AC	X	x
Add	M6-0596	Service Station	HV	X	x
Add	M6-0689A	NATURAL GAS FUELING STATION	AI	COMPRESSED AIR, M6-0689A NATL GAS STATION	x
Add	M6-0695	FIRE STATION #4	AI	COMPRESSED AIR, M6-0695 FIRE STATION #4	x
Add	M6-0698	SUPPLY WAREHOUSE #2	AC	POWER, M6-0698 SUPPLY WAREHOUSE HV	x
Add	M6-0744B	PUMP HOUSE	HV	HVAC, M6-0744B PUMP HOUSE	x
Add	M6-0744B	PUMP HOUSE	WP	POTABLE WATER, M6-0744B PUMP HOUSE	x
Add	M6-0894A	ACID STORAGE SHED	FG	GROUNDING, M6-0894A ACID STORAGE SHED	x
Add	M6-0894B	GAS CYLINDER STORAGE SHED	FG	GROUNDING, M6-0894B GAS CYLINDER STORAGE	x

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Add	M6-0894D	POL SHED	SR	STRUCTURE, M6-0894D POL SHED	x
Add	M7-0361	OPS SUPPORT BUILDING NO. 1	KP	ESS-AC, LENEL, M7-0361 OPS SUPT BLDG #1	x
Add	M7-0609	FIRE PUMPING STATION	SS	SANITATION/SEWAGE, M7-0609 FIRE PUMP STN	x
Add	M7-0776A	POL BUILDING	FG	GROUNDING, M7-0776A POL BUILDING	x
Add	M7-0776A	POL BUILDING	LU	LTG PROT, M7-0776A POL BUILDING	x
Add	M7-1011	GSE STORAGE BLDG.	HV	HVAC, M7-1011 GSE STORAGE BUILDING	x
Add	M7-1354A	OXIDIZER SHED	AC	POWER, M7-1354A OXIDIZER SHED LV	x
Add	M7-1354A	OXIDIZER SHED	SY	FIRE SPRINKLER, M7-1354A OXDIZER SHED	x
Add	M7-1354B	FUEL TRANSFER BLDG.	AC	POWER, M7-1354B FUEL TRANSFER BLDG. LV	x
Add	M7-1354B	FUEL TRANSFER BLDG.	HV	HVAC, M7-1354B FUEL TRANSFER BLDG.	x
Add	M7-1354B	FUEL TRANSFER BLDG.	SY	FIRE SPRINKLER, M7-1354B FUEL TRANSFER	x
Add	M7-1355	TRANSPORTER STORAGE SHED	AC	POWER, M7-1355 TRANSPORTER STOR SHED LV	x
Add	M7-1355	TRANSPORTER STORAGE SHED	HV	HVAC, M7-1355 TRANSPORTER STORAGE SHED	x
Add	M7-1357	MULTI-OPERATION SUPPORT BUILDING	AC	POWER, M7-1357 MULTI-OP SUPPORT BLDG LV	x
Add	M7-1362	FIREX PUMP STATION	FG	GROUNDING, M7-1362 FIREX PUMP STATION	x
Add	M7-1362	FIREX PUMP STATION	TN	TANK, M7-1362 FIREX PUMP STATION	x
Add	M7-1412A	EQUIPMENT SHELTER	FG	GROUNDING, M7-1412A EQUIPMENT SHELTER	x
Add	M7-1509	LOX IMPACT TEST CELL	LU	LTG PROT, M7-1509 LOX IMPACT TEST CELL	x
Add	P6-1435	INDOOR RANGE and CLUBHOUSE	HV	HVAC, P6-1435 INDOOR RANGE & CLUBHOUSE	x
Add	P6-1638	Recreation Bldg	HV	X	x
Add	P6-1638	RECREATION BLDG. (KARS)	HV	HVAC, P6-1638 RECREATION BUILDING	x
Add	P6-1638	RECREATION BLDG. (KARS)	SS	SANITATION/SEWAGE, P6-1638 REC. BLDG.	x
Add	P6-1638	Recreation Bldg	SS	X	x
Add	P6-1638	Recreation Bldg	WP	X	x
Add	P6-1638	RECREATION BLDG. (KARS)	WP	POTABLE WATER, P6-1638 RECREATION BLDG.	x
Add	P6-1738	Arts & Crafts Bldg	HV	X	x
Add	P6-1738	ARTS & CRAFTS BLDG. (KARS)	HV	HVAC, P6-1738 ARTS & CRAFTS BLDG.	x
Add	P6-1738	Arts & Crafts Bldg	SS	X	x
Add	P6-1738	ARTS & CRAFTS BLDG. (KARS)	SS	SANITATION/SEWAGE, P6-1738 ARTS & CRAFTS	x
Add	P6-1738	ARTS & CRAFTS BLDG. (KARS)	WP	POTABLE WATER, P6-1738 ARTS & CRAFTS	x

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Add	P6-1738	Arts & Crafts Bldg	WP	X	x
Add	P6-1785	TENNIS/BASKETBALL COURT	SR	STRUCTURE, P6-1785 TENNIS/BASKETBALL CRT	x
Add	P6-1786	TENNIS COURT	SR	STRUCTURE, P6-1786 TENNIS COURT	x
Add	P6-1789	Storage Building	HV	X	x
Add	P6-1789	STORAGE BUILDING (KARS)	HV	HVAC, P6-1789 STORAGE BUILDING	x
Add	P6-1789	Storage Building	SS	X	x
Add	P6-1789	STORAGE BUILDING (KARS)	SS	SANITATION/SEWAGE, P6-1789 STORAGE BLDG	x
Add	P6-1789	Storage Building	WP	X	x
Add	P6-1789	STORAGE BUILDING (KARS)	WP	POTABLE WATER, P6-1789 STORAGE BLDG	x
Add	P6-1789A	FIRST AID FACILITY	HV	HVAC, P6-1789A FIRST AID FACILITY	x
Add	P6-1789A	First Aid Facility	HV	X	x
Add	P6-1789A	First Aid Facility	SS	X	x
Add	P6-1789A	FIRST AID FACILITY	SS	SANITATION/SEWAGE, P6-1789A FIRST AID	x
Add	P6-1789A	First Aid Facility	WP	X	x
Add	P6-1789A	FIRST AID FACILITY	WP	POTABLE WATER, P6-1789A FIRST AID FAC	x
Add	P6-1789B	Park Resident Trailer	HV	X	x
Add	P6-1789B	PARK RESIDENT'S TRAILER	HV	HVAC, P6-1789B PARK RESIDENT'S TRAILER	x
Add	P6-1833	Restrooms	WP	X	x
Add	P6-1833	RESTROOMS	WP	POTABLE WATER, P6-1833 RESTROOMS	x
Add	P6-1833A	BALL PARK CONCESSION STAND	HV	HVAC, P6-1833A BALL PARK CONCESSION STND	x
Add	P6-1833A	Ball Park Concession Stand	HV	X	x
Add	P6-1833A	BALL PARK CONCESSION STAND	SS	SANITATION/SEWAGE, P6-1833A BALL PRK SND	x
Add	P6-1833A	Ball Park Concession Stand	SS	X	x
Add	P6-1833A	Ball Park Concession Stand	WP	X	x
Add	P6-1833A	BALL PARK CONCESSION STAND	WP	POTABLE WATER, P6-1883A BALL PARK STAND	x
Add	P6-1835	Restrooms	WP	X	x
Add	P6-1835	RESTROOMS	WP	POTABLE WATER, P6-1835 RESTROOMS	x
Add	P6-1836	Restrooms	WP	X	x
Add	P6-1836	RESTROOMS	WP	POTABLE WATER, P6-1836 RESTROOMS	x
Add	P6-1837	BOAT RAMP SNACK BAR	WP	POTABLE WATER, P6-1837 BOAT RAMP SNK BAR	x
Add	P6-1837	Boat Ramp Snack Bar	WP	X	x
Add	P6-1838	Guard House	WP	X	x
Add	P6-1838	GUARD HOUSE	WP	POTABLE WATER, P6-1838 GUARD HOUSE	x
Add	TR1-474	TEMPORARY BUILDING	AC	POWER, TR1-0474 TEMPORARY BUILDING LV	x

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Add	TR1-474	TEMPORARY BUILDING	FG	GROUNDING, TR1-0474 TEMPORARY BUILDING	x
Add	TR1-477	TEMPORARY BUILDING	AC	POWER, TR1-0477 TEMPORARY BUILDING LV	x
Add	TR1-610	TEMPORARY BUILDING	AC	POWER, TR1-0610 TEMPORARY BUILDING LV	x
Add	TR1-610	TEMPORARY BUILDING	HV	HVAC, TR1-0610 TEMPORARY BUILDING	x
Add	TR1-712	TEMPORARY BUILDING	AC	POWER, TR1-0712 TEMPORARY BUILDING LV	x
Add	TR1-712	TEMPORARY BUILDING	FG	GROUNDING, TR1-0712 TEMPORARY BUILDING	x
Add	TRM-026	TEMPORARY BUILDING NO. 45	AC	POWER, TRM-0026 TEMP BUILDING #45 LV	x
Assign to "Q"	M6-0409C	Food Service Building	WP	X	x
De-scope	01037	NON-HAZARDOUS STORAGE BUILDING (CCAFS)	AC	POWER, #01037 NON-HAZ STORAGE LV	x
De-scope	01037	NON-HAZARDOUS STORAGE BUILDING (CCAFS)	LU	LTG PROT, #01037 NON-HAZ STORAGE	x
De-scope	01037	NON-HAZARDOUS STORAGE BUILDING (CCAFS)	SR	STRUCTURE, #01037 NON-HAZARDOUS STORAGE	x
De-scope	01037	NON-HAZARDOUS STORAGE BUILDING (CCAFS)	WP	POTABLE WATER, #01037 NON-HAZ STORAGE	x
De-scope	01040A	DRUM EQUIPMENT STORAGE (SW CAPE)	WP	POTABLE WATER, #01040A DRUM EQ STORAGE	x
De-scope	01051	PASSIVATION BLDG **HISTORY** (SW CAPE)	WF	DELUGE, #01051 PASSIVATION BLDG	x
De-scope	01207B	LAUNCH PAD 5 **HISTORY** (CCAFS)	SR	STRUCTURE, #01207B LAUNCH PAD 5, CCAFS	x
De-scope	01207C	LAUNCH PAD 6 **HISTORY** (CCAFS)	SR	STRUCTURE, #01207C LAUNCH PAD 6, CCAFS	x
De-scope	01207H	HIGH PRESSURE AIR BUILDING **HISTORY** (CCAFS)	SR	STRUCTURE, #01207H HP AIR BLDG., CCAFS	x
De-scope	01728	HANGAR N (CCAFS)	CR	CRANE, #01728 HGR N NORTH 25 TON BRIDGE	x
De-scope	01728	HANGAR N (CCAFS)	HV	HVAC, BOILERS #01728 HANGAR N	x
De-scope	01728E	FUEL TANK **HISTORY**	FG	GROUNDING, #01728E FUEL TANK	x
De-scope	01728E	FUEL TANK **HISTORY**	SR	STRUCTURE, #01728E FUEL TANK, CCAFS	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	AC	POWER, #01732 HANGAR L LV	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	AI	COMPRESSED AIR, #01732 LSSF	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	CR	CRANE, #01732 HGR L N&S, 25 TON BRIDG HV	x

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De-scope	01732	HANGAR L **HISTORY** (CCAFS)	CR	CRANE, #01732 HGR L N&S, 25 TON BRIDG HV	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	EV	ELEVATOR, HYDRAULIC PASS/FREIGHT, #01732	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	EX	GENERATOR, #01732 HGR L	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	FA	FIRE ALARM, #01732 HANGAR L, CCAFS	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	FG	GROUNDING, #01732 HANGAR L	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	HV	HVAC, #01732 LSSF HOT WATER HEATING	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	HV	HVAC, #01732 LSSF	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	HV	HVAC, CHILLERS #01732 HANGAR L	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	HV	HVAC, #01732 LSSF ELECTRICAL REHEAT	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	HV	HVAC, #01732 LSSF STEAM HEATING	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	HV	HVAC, BOILERS #01732 HANGAR L	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	LU	LTG PROT, #01732 HANGAR L	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	PR	DOOR, #01732 HGR L, PWRD ROLLUP	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	SR	STRUCTURE, #01732 LIFE SCIENCES SPT FAC	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	SS	SANITATION/SEWAGE, #01732 ACID WASTE DRN	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	SY	FIRE SPRINKLER, #01732 HANGAR L	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	VA	VACUUM SYSTEM, #01732 LSSF	x
De-scope	01732	HANGAR L **HISTORY** (CCAFS)	WP	STANDPIPES, POTABLE #01732	x

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De-scope	01732	HANGAR L **HISTORY** (CCAFS)	WP	POTABLE WATER, #01732 HANGAR L	x
De-scope	15541	EQUIPMENT BUILDING **HISTORY**	HV	HVAC, #15541 EQUIPMENT BUILDING	x
De-scope	15541	EQUIPMENT BUILDING **HISTORY**	SR	STRUCTURE, #15541 EQUIPMENT BLDG	x
De-scope	15641	EQUIPMENT BUILDING **HISTORY**	HV	HVAC, #15641 EQUIPMENT BUILDING	x
De-scope	15641	EQUIPMENT BUILDING **HISTORY**	SR	STRUCTURE, #15641 EQUIPMENT BUILDING	x
De-scope	54906	BOILER BUILDING **HISTORY** (CCAFS)	HV	HVAC BOILERS, #54906 BOILER BUILDING	x
De-scope	54906	BOILER BUILDING **HISTORY** (CCAFS)	SR	STRUCTURE, #54906 FUEL TANK, HANGAR "L"	x
De-scope	54906A	FUEL TANK **HISTORY** (CCAFS)	FG	GROUNDING, #54906A FUEL TANK	x
De-scope	54906A	FUEL TANK **HISTORY** (CCAFS)	TN	TANK, FUEL, DIESEL FUEL, #54906A TANK	x
De-scope	60650	*E and O BLDG.	AI	COMPRESSED AIR, #60650 E&O BLDG	x
De-scope	66235	NASA SUPPORT OFFICE **HISTORY**	AI	COMPRESSED AIR, #66235 NASA SUPT BLD	x
De-scope	66235	NASA SUPPORT OFFICE **HISTORY**	HV	HVAC, #66235 NASA SUPPORT OFFICE	x
De-scope	66235	NASA SUPPORT OFFICE **HISTORY**	HV	HVAC, #66235 NASA SUPPORT OFFICE	x
De-scope	66235	NASA SUPPORT OFFICE **HISTORY**	LU	LTG PROT, #66235 NASA SUPPORT OFFICE	x
De-scope	66235	NASA SUPPORT OFFICE **HISTORY**	SR	STRUCTURE, #66235 NASA SUPPORT, CCAFS	x
De-scope	66296	MOORING DOLPHINS **HISTORY**	SR	STRUCTURE, #66296 MOORING DOLPHINS	x
De-scope	66310	SRB PAINT FACILITY	AC	POWER, #66310 SRB PAINT BUILDING LV	x
De-scope	66310	SRB PAINT FACILITY	AC	POWER, #66310 SRB PAINT FACILITY HV	x
De-scope	66310A	LP TANK **HISTORY**	FG	GROUNDING, #66310A LP TANK	x
De-scope	66310A	LP TANK **HISTORY**	TN	TANK, FUEL, PROPANE, #66310A TANK	x
De-scope	66310B	LP TANK **HISTORY**	FG	GROUNDING, #66310B LP TANK	x
De-scope	66310B	LP TANK **HISTORY**	TN	TANK, FUEL, PROPANE, #66310B TANK	x
De-scope	66310C	LP TANK **HISTORY**	FG	GROUNDING, #66310C LP TANK	x

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De-scope	66310C	LP TANK **HISTORY**	TN	TANK, FUEL, PROPANE, #66310C TANK	x
De-scope	66310D	LP TANK **HISTORY**	FG	GROUNDING, #66310D LP TANK	x
De-scope	66310D	LP TANK **HISTORY**	TN	TANK, FUEL, PROPANE, #66310D TANK	x
De-scope	73003	SEPTIC TANK **HISTORY**	SS	SANITATION/SEWAGE, #73003 SEPTIC TANK	x
De-scope	77609	SENTRY HOUSE, FS #1 **HISTORY** (CCAFS)	AC	POWER, #77609 SENTRY HOUSE FS #1 LV	x
De-scope	77609	SENTRY HOUSE, FS #1 **HISTORY** (CCAFS)	HV	HVAC, #77609 SENTRY HOUSE, FS #1	x
De-scope	77609	SENTRY HOUSE, FS #1 **HISTORY** (CCAFS)	SR	STRUCTURE, #77609 SENTRY HOUSE FS #1	x
De-scope	77800	HYPERGOL FUEL STORAGE FACILITY (SW CAPE)	HF	SYSTEM, FUEL FLUID #77800	x
De-scope	77800	*HYPERGOL FUEL STORAGE FACILITY	WF	DELUGE, #77800 HSF FUEL FACILITY	x
De-scope	77802	*GAS STORAGE AREA	AC	POWER, #77802 GN2 STORAGE TANK LV	x
De-scope	77802	*GAS STORAGE AREA	FG	GROUNDING, #77802 GN2 STORAGE TANK	x
De-scope	80541	GASEOUS NITROGEN FACILITY **HISTORY**	FG	GROUNDING, #80541 GASEOUS NITRO FAC	x
De-scope	80541	GASEOUS NITROGEN FACILITY **HISTORY**	LU	LTG PROT, #80541 GASEOUS NITRO FAC	x
De-scope	80541	GASEOUS NITROGEN FACILITY **HISTORY**	SR	STRUCTURE, #80541 GASEOUS NITRO FAC FSA1	x
De-scope	80700	*HYPERGOLIC FUEL EQUIPMENT SAFING FAC	AI	COMPRESSED AIR, #80700 HF EQ SAFE	x
De-scope	80700	*HYPERGOLIC FUEL EQUIPMENT SAFING FAC	HV	HVAC, #80700 HYPGOL FUEL EQ SAFE	x
De-scope	80700	*HYPERGOLIC FUEL EQUIPMENT SAFING FAC	LU	LTG PROT, #80700 HYPERGOLIC FUEL EQ	x
De-scope	80700	*HYPERGOLIC FUEL EQUIPMENT SAFING FAC	SR	STRUCTURE, #80700 HYPERGOLIC FUEL EQUIP.	x
De-scope	G5-0961	EQUIPMENT SHELTER	AC	POWER,G5-0961 EQ SHEL T WTHR TOWER 11 HV	x
De-scope	H4-1725	UNIVERSAL CAMERA PAD #13 (KSC NORTH AREA)	LU	LTG PROT, H4-1725 UNIVSL CAMERA #13	x
De-scope	H7-1683	OBSERVATION TOWER (KSC NORTH AREA)	AC	POWER, H7-1683 OBSERVATION TOWER LV	x
De-scope	H7-1683	OBSERVATION TOWER (KSC NORTH AREA)	LU	LTG PROT, H7-1683 OBSERVATION TOWER	x

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De-scope	H7-1683	OBSERVATION TOWER (KSC NORTH AREA)	SR	STRUCTURE, H7-1683 OBSERVATION TOWER	x
De-scope	J6-0306	*EQUIPMENT BUILDING	AC	POWER, J6-0306 EQUIPMENT SHELTER (HRT)HV	x
De-scope	J6-0490	*500 FT WEATHER EQUIPMENT BUILDING	SS	SANITATION/SEWAGE, J6-0490 EQUPT BLDG	x
De-scope	J6-0490	*500 FT WEATHER EQUIPMENT BUILDING	WP	POTABLE WATER, J6-0490 EQUIPMENT BLDG.	x
De-scope	J6-2076	*LAUNCH VIEWING AREA	WP	POTABLE WATER, J6-2076 LAUNCH VIEW AREA	x
De-scope	J7-0192	LH2 FACILITY (PAD B AREA)	AC	POWER, J7-0192 LH2 FACILITY HV	x
De-scope	J7-0292	RP-1 FACILITY **HISTORY**	AC	POWER, J7-0292 RP-1 FACILITY, PAD B HV	x
De-scope	J7-0292	RP-1 FACILITY **HISTORY**	SR	STRUCTURE, J7-0292 RP-1 FACILITY	x
De-scope	J7-0338	*COMPRESSED AIR BLDG.	AC	POWER, J7-0338 COMP AIR BUILDING HV	x
De-scope	J7-0384	SEWAGE TREATMENT PLANT #6 (ALSO J7-0384A&B) **HISTORY**	AC	POWER, J7-0384,A,B SEWAGE TREATMT #6 HV	x
De-scope	J7-0384	SEWAGE TREATMENT PLANT #6 (ALSO J7-0384A&B) **HISTORY**	SR	STRUCTURE, J7-0384 SEWAGE TREAT PLANT #6	x
De-scope	J7-0490	*HYPERGOL OXIDIZER FACILITY	AC	POWER, J7-0490 HYPERGOL OXID FACILITY HV	x
De-scope	J7-0534	*HYPERGOL FUEL FACILITY	AC	POWER, J7-0534 HYPERGOL FUEL FACILITY HV	x
De-scope	J7-0535	*ELECTRICAL EQUIPMENT BLDG. #4	AC	POWER, J7-0535 ELECTRICAL EQ BLDG #4 HV	x
De-scope	J7-0637B	RAIN SHELTER **HISTORY** (PAD B AREA)	SR	STRUCTURE, J7-0637B RAINSHELTER	x
De-scope	J7-0686	*PAD B GATE HOUSE	SS	SANITATION/SEWAGE, J7-0686 GATE HOUSE	x
De-scope	J7-0688	*PAD B LOGISTICS FACILITY	AC	POWER, J7-0688 PAD B LOGISTICS FAC. HV	x
De-scope	J7-1736	*REPEATER BLDG. #5	AC	POWER, J7-1736 REPEATER BUILDING #5 HV	x
De-scope	J8-1613	RP-1 FACILITY **HISTORY**	HV	HVAC, J8-1613 RP-1 FACILITY	x
De-scope	J8-1613	RP-1 FACILITY **HISTORY**	SR	STRUCTURE, J8-1613 RP-1 FACILITY	x
De-scope	J8-1659	*COMPRESSED AIR BLDG.	AC	POWER, J8-1659 COMPRESSED AIR BLDG HV	x
De-scope	J8-1705	SEWAGE TREATMENT PLANT #5 **HISTORY**	AC	POWER, J8-1705&A,B SEWAGE FACILITIES LV	x
De-scope	J8-1705	SEWAGE TREATMENT PLANT #5 **HISTORY**	SR	STRUCTURE, J8-1705 SEWAGE TREAT PLANT #5	x
De-scope	J8-1705	SEWAGE TREATMENT PLANT #5 **HISTORY**	WP	POTABLE WATER, J8-1705 STP #5	x
De-scope	J8-1705B	Sewage Equipment Facility	SS	X	x
De-scope	J8-1705B	Sewage Equipment Facility	WP	X	x

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De-scope	J8-1811	*ELECTRICAL EQUIPMENT BLDG. #3	AC	POWER, J8-1811 ELECT EQUIP BLDG #3 HV	x
De-scope	J8-1856	*ELECTRICAL EQUIPMENT BLDG. #4	AC	POWER, J8-1856 ELECTRICAL EQ BLDG #4 HV	x
De-scope	J8-1959B	RAIN SHELTER (PAD A AREA)	SR	STRUCTURE, J8-1959B RAINSHELTER	x
De-scope	J8-2059	RECHLORINATION BUILDING (PAD A AREA)	WA	WATER DIST, J8-2059 RECHLORINATION BLDG	x
De-scope	K6-0446	*SHOP/STORAGE BUILDING	SS	SANITATION/SEWAGE, K6-0446 CONTRACT SUPT	x
De-scope	K6-0495	SUPPORT BLDG. (SS31) (VAB AREA)	KP	ESS, PACAS	x
De-scope	K6-0742	*HAZARDOUS WASTE STAGING SHELTER	SS	SANITATION/SEWAGE, K6-0742 HAZ WASTE	x
De-scope	K6-0744	OPF MODULAR OFFICE BUILDING **HISTORY**	WP	POTABLE WATER, K6-0744 OPF MODULAR BLDG	x
De-scope	K6-0792A	CHLORINE STORAGE BUILDING **HISTORY** (VAB AREA)	SR	STRUCTURE, K6-0792A CHLORINE STORAGE BLD	x
De-scope	K6-0792B	SAND FILTER TREATMENT TANK **HISTORY** (VAB AREA)	SS	SANITATION/SEWAGE, K6-0792B SAND FILT	x
De-scope	K6-0792B	SAND FILTER TREATMENT TANK **HISTORY** (VAB AREA)	TN	TANK, SAND FILTER TREATMENT, K6-0792B	x
De-scope	K6-0799	TURNSTILE SHELTER (VAB AREA)	KP	ESS, PACAS	x
De-scope	K6-0799	*TURNSTILE SHELTER	SS	SANITATION/SEWAGE, K6-0799 TRNSTL SHELT	x
De-scope	K6-0799	*TURNSTILE SHELTER	WP	POTABLE WATER, K6-0799 TURNSTILE SHELTER	x
De-scope	K6-0894	ORBITER PROCESSING FACILITY (OPF) (OPF AREA)	KP	ESS, PACAS	x
De-scope	K6-0894	ORBITER PROCESSING FACILITY (OPF) (OPF AREA)	SC	FIRE SUPPRESSION, HALON 1301 K6-0894 OPF	x
De-scope	K6-0900		KP		x
De-scope	K6-0900		KP		X
De-scope	K6-0900		KP		X
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	KP	ESS, CONTROL CONSOLE	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	KP	ESS, CONTROL COMPUTER SYSTEM (CCS)	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	KP	ESS, ACCESS CNTRL & INT DET SYS II	x

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De-scope	K6-0900		KP		X
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	SC	FIRE SUPPRESSION, HALON 1301, K6-0900	x
De-scope	K6-0943	*HAZARDOUS WASTE STAGING SHELTER	LU	LTG PROT, K6-0943 HAZ WASTE STAGING	x
De-scope	K6-0943	*HAZARDOUS WASTE STAGING SHELTER	SS	SANITATION/SEWAGE, K6-0943 HAZ WASTE	x
De-scope	K6-0943	*HAZARDOUS WASTE STAGING SHELTER	WP	POTABLE WATER, K6-0943 HAZ WASTE ST	x
De-scope	K6-0947	UTILITY ANNEX (VAB/OPF AREA)	LU	LTG PROT, K6-0947 VAB UTILITY ANNEX	x
De-scope	K6-0947	UTILITY ANNEX (VAB/OPF AREA)	UC	CCS HIM7469 UTILITY ANNEX	x
De-scope	K6-0947	UTILITY ANNEX (VAB/OPF AREA)	UC	CCS HIM7468 UTILITY ANNEX	x
De-scope	K6-0996	*STORAGE BUILDING	SS	SANITATION/SEWAGE, K6-0996 POL	x
De-scope	K6-0996	*STORAGE BUILDING	TN	TANK, K6-0996 PAINT & OIL STORAGE	x
De-scope	K6-0998	HAZARDOUS WASTE STAGING BUILDING (VAB AREA)	SS	SANITATION/SEWAGE, K6-0998 HAZ WASTE	x
De-scope	K6-0999	TURNSTILE SHELTER (VAB AREA)	KP	ESS, PACAS	x

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De-scope	K6-1141	POWER SUBSTATION (VAB AREA)	UC	CCS HIM8390 C-5, POWER FIC 1537	x
De-scope	K6-1145	MULTI-FUNCTION FACILITY (VAB AREA)	SC	FIRE SUPPRESSION, DRY CHEM, K6-1145 MFF	x
De-scope	K6-1198	FIRE STATION #2 (VAB AREA)	GE	GENERATOR, K6-1198 EMERGENCY ELEC. POWER	x
De-scope	K6-1200C	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	AC	POWER, K6-1200C VAB MODULAR OFF BLDG HV	x
De-scope	K6-1200C	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	FA	FIRE ALARM, K6-1200C VAB MODULAR OFF BLD	x
De-scope	K6-1200C	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	SR	STRUCTURE, K6-1200C VAB MODULAR OFFICE B	x
De-scope	K6-1200C	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	SS	SANITATION/SEWAGE, K6-1200C	x
De-scope	K6-1200C	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	WP	POTABLE WATER, K6-1200C MOD OFF BLDG.	x
De-scope	K6-1200G	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	AC	POWER, K6-1200G VAB MODULAR OFF BLDG HV	x
De-scope	K6-1200H	VAB MODULAR OFFICE BUILDING **HISTORY** (VAB AREA)	AC	POWER, K6-1200H VAB MODULAR OFF BLDG HV	x
De-scope	K6-1200I	TEMPORARY BUILDING #14 **HISTORY** (VAB AREA)	FA	FIRE ALARM, K6-1200I TEMP BLDG #14	x
De-scope	K6-1200I	TEMPORARY BUILDING #14 **HISTORY** (VAB AREA)	SR	STRUCTURE, K6-1200I TEMPORARY BLDG #14	x
De-scope	K6-1200J	TEMPORARY BUILDING #13 (40B) **HISTORY** (VAB AREA)	FA	FIRE ALARM, K6-1200J VAB MODULAR OFFICE	x
De-scope	K6-1200J	TEMPORARY BUILDING #13 (40B) **HISTORY** (VAB AREA)	SR	STRUCTURE, K6-1200J TEMPORARY BLDG #13	x
De-scope	K6-1247D	TEMPORARY BUILDING #12	AC	POWER, K6-1247D TEMPORARY BLDG #12 LV	x
De-scope	K6-1247D	TEMPORARY BUILDING #12	SR	STRUCTURE, K6-1247D TEMPORARY BLDG #12	x
De-scope	K6-1347	HAZARDOUS WASTE STAGING SHELTER (VAB AREA)REA)	SS	SANITATION/SEWAGE, K6-1347 HAZ WASTE	x
De-scope	K6-1347B	*STORAGE BUILDING	*SR	STRUCTURE, K6-1347B STORAGE BUILDING	x
De-scope	K6-1347C	*STORAGE BUILDING	*SR	STRUCTURE, K6-1347C STORAGE BUILDING	x
De-scope	K6-1347D	*STORAGE BUILDING	*SR	STRUCTURE, K6-1347D STORAGE BUILDING	x
De-scope	K6-1347E	STORAGE BUILDING	SR	STRUCTURE, K6-1347E STORAGE BUILDING	x
De-scope	K6-1397E	*STORAGE BUILDING	*SR	STRUCTURE, K6-1397E STORAGE BUILDING	x

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De-scope	K6-1397F	*STORAGE BUILDING	*SR	STRUCTURE, K6-1397F STORAGE BUILDING	x
De-scope	K6-1449	General Warehouse	WP	X	x
De-scope	K6-1996R	*STORAGE BUILDING	*SR	STRUCTURE, K6-1996R STORAGE BUILDING	x
De-scope	K6-1997	Astronaut Van Garage	FA	X	x
De-scope	K6-1997	ASTRONAUT VAN GARAGE REA)	FA	FIRE ALARM, K6-1997 ASTRONAUT VAN GARAGE	x
De-scope	K6-1997	ASTRONAUT VAN GARAGE REA)	FG	GROUNDING, K6-1997 ASTRONAUT VAN GARAGE	x
De-scope	K6-1997	Astronaut Van Garage	FG	X	x
De-scope	K6-1997	Astronaut Van Garage	LU	X	x
De-scope	K6-1997	ASTRONAUT VAN GARAGE REA)	LU	LTG PROT, K6-1997 ASTRONAUT VAN GARAGE	x
De-scope	K6-2044	*HAZARDOUS WASTE STAGING BUILDING/PORTABLE (CONTROLLED WST)	*FG	GROUNDING, K6-2044 HAZ WASTE CONTAINER	x
De-scope	K6-2044	*HAZARDOUS WASTE STAGING BUILDING/PORTABLE (CONTROLLED WST)	*SR	STRUCTURE, K6-2044 HAZ WASTE CONTAINER	x
De-scope	K6-2045	*HIGH CREW STORAGE BUILDING	SS	LIFT STATION, K6-2045 HIGH CREW	x
De-scope	K6-2046	*HURRICANE STORAGE SHELTER	AC	POWER, K6-2046 HURRICANE STOR LV	x
De-scope	K6-2095	*HAZARDOUS WASTE STAGING BUILDING/PORTABLE	*FG	GROUNDING, K6-2095 HAZ WASTE CONTAINERS	x
De-scope	K6-2095	*HAZARDOUS WASTE STAGING BUILDING/PORTABLE	*SR	STRUCTURE, K6-2095 HAZ WASTE CONTAINER	x
De-scope	K6-2096	CONTRACTOR SUPPORT BLDG. #6 (CONTRACTORS RD AREA)REA)	SS	SANITATION/SEWAGE, K6-2096 CONTR SUP	x
De-scope	K6-2359	*SECURITY TRAINING CENTER	*AC	POWER, K6-2359 SECURITY TRAINING CNTR HV	x
De-scope	K6-2359	*SECURITY TRAINING CENTER	AC	POWER, K6-2359 SECURITY TRAINING CNTR HV	x
De-scope	K6-2359	SECURITY TRAINING CENTER (W. SCHWARTZ RD,N)REA)	FA	FIRE ALARM, K6-2359 SEC TRAINING CENTER	x
De-scope	K6-2359	*SECURITY TRAINING CENTER	HV	HVAC, K6-2359 SECURITY TRAINING	x
De-scope	K7-0187	*MSS PARK SITE ELECTRICAL INTERFACE BLDG.	AC	POWER, K7-0187 MSS PARKSITE ELECT HV	x
De-scope	K7-0413	*LO2 STORAGE SHED	AC	POWER, K7-0413 LOX STORAGE SHED LV	x
De-scope	K7-0413	*LO2 STORAGE SHED	SY	FIRE SPRINKLER, K7-0413 LOX STORAGE SHED	x
De-scope	K7-0416	*OPERATIONS BLDG #1	AC	POWER, K7-0416 OPERATIONS BUILDING 1 HV	x
De-scope	K7-0416	*OPERATIONS BLDG #1	AI	COMPRESSED AIR, K7-0416 OPER BLDG #1	x

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De-scope	K7-0416A	*OPERATIONS BLDG #2	AI	COMPRESSED AIR, K7-0416A OPER BLDG #2	x
De-scope	K7-0419	METER STATION **HISTORY**	AC	POWER, K7-0419 METER STATION, CCF LV	x
De-scope	K7-0464B	SEWAGE BLOWER HOUSE **HISTORY**	SR	STRUCTURE, K7-0464B SEWAGE BLOWER HOUSE	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	AI	COMPRESSED AIR, K7-0514 GN2 LOAD STATION	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	AZ	BREATHING AIR, K7-0514 CYL CHARGE SYSTEM	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	GN	GN2 SYSTEM, K7-0514 TRAILER FILL STATION	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	GN	GN2 SYSTEM, K7-0514 CYL CHARGING FAC.	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	HE	GHE SYSTEM, K7-0514 TRAILER FILL STATION	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	HE	GHE SYSTEM, K7-0514 CYL CHARGING FAC.	x
De-scope	K7-0514	GN2 LOADING STATION **HISTORY**	PS	FACILITY, K7-0514 GHE/GN2/BAIR CYL CHG F	x
De-scope	K7-0563	PROPELLANT TRANSPORTER REPAIR & MAINT SHED (PROPL STOR/SERV AREA)	AI	COMPRESSED AIR, K7-0563 PROP XPORTER	x
De-scope	K7-0564	BREATHING AIR STORAGE BATTERY **HISTORY**	AC	POWER, K7-0564 BREATHING AIR STORAGE LV	x
De-scope	K7-0564	BREATHING AIR STORAGE BATTERY **HISTORY**	AI	COMPRESSED AIR, K7-0564 BREATH AIR	x
De-scope	K7-0564	BREATHING AIR STORAGE BATTERY **HISTORY**	GN	GN2 SYSTEM, K7-0564 TRAILER FILL STATION	x
De-scope	K7-0564	BREATHING AIR STORAGE BATTERY **HISTORY**	SR	STRUCTURE, K7-0564 BREATHING AIR STORAGE	x
De-scope	K7-0564	BREATHING AIR STORAGE BATTERY **HISTORY**	SS	SANITATION/SEWAGE, K7-0564 BREATH AIR	x
De-scope	K7-0564	BREATHING AIR STORAGE BATTERY **HISTORY**	WP	POTABLE WATER, K7-0564 BREATHING AIR	x
De-scope	K7-0565	RECLAMATION PLANT **HISTORY**	AC	POWER, K7-0565 TRICHTHORETHYLENE RECLA LV	x
De-scope	K7-0565	RECLAMATION PLANT **HISTORY**	PS	FACILITY, K7-0565 SOLVENT STORAGE	x

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De-scope	K7-0565	RECLAMATION PLANT **HISTORY**	SR	STRUCTURE, K7-0565 TRICHTHORETHYLENE PLNT	x
De-scope	K7-0565	RECLAMATION PLANT **HISTORY**	SS	SANITATION/SEWAGE, K7-0565 RECLAMAT	x
De-scope	K7-0565	RECLAMATION PLANT **HISTORY**	WP	POTABLE WATER, K7-0565 RECLAMATION	x
De-scope	K7-0612	POL **HISTORY**	LU	LTG PROT, K7-0612 POL STORAGE BLDG	x
De-scope	K7-0853	*HIGH PRESSURE GAS STORAGE BLDG.	SS	SANITATION/SEWAGE, K7-0853 HIGH PRESS	x
De-scope	K7-0951	GATE HOUSE (VAB AREA)	AC	POWER, K7-0951 GATE HOUSE LV	x
De-scope	K7-0951	GATE HOUSE (VAB AREA)	FG	GROUNDING, K7-0951 GATE HOUSE	x
De-scope	K7-0951	GATE HOUSE (VAB AREA)	HV	HVAC, K7-0951 GATE HOUSE	x
De-scope	K7-0951	GATE HOUSE (VAB AREA)	LU	LTG PROT, K7-0951 GATE HOUSE	x
De-scope	K7-0951	GATE HOUSE (VAB AREA)	SR	STRUCTURE, K7-0951 GATE HOUSE	x
De-scope	K7-1205	*PRESS SITE GRANDSTAND	AC	POWER, K7-1205 PRESS SITE GRANDSTAND HV	x
De-scope	K7-1205	PRESS SITE GRANDSTAND (VAB AREA)	AC	POWER, K7-1205 PRESS SITE GRANDSTAND LV	x
De-scope	K7-1205	PRESS SITE GRANDSTAND (VAB AREA)	LU	LTG PROT, K7-1205 GRANDSTAND	x
De-scope	K7-1205	PRESS SITE GRANDSTAND (VAB AREA)	SR	STRUCTURE, K7-1205 PRESS SITE GRANDSTAND	x
De-scope	K7-1205	PRESS SITE GRANDSTAND (VAB AREA)	SS	SANITATION/SEWAGE, K7-1205 PRESS SITE	x
De-scope	K7-1205	PRESS SITE GRANDSTAND (VAB AREA)	WP	POTABLE WATER, K7-1205 PRESS SITE GNDST	x
De-scope	K7-1205C	*PRESS SITE TRANSFORMER BLDG.	EX	EMERGENCY POWER, K7-1205C EMER GENERATOR	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	AC	POWER, L5-0734 PREAMPLIFIER BUILD #1 HV	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	AC	POWER, L5-0734 PREAMPLIFIER BUILDING LV	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	AI	COMPRESSED AIR, L5-0734 PRE-AMP BLDG #1	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	FA	FIRE ALARM, L5-0734 PRE-AMPLIFIER BLDG 1	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	FG	GROUNDING, L5-0734 DEVELOPMENT TEST SHOP	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	HV	HVAC, L5-0734 DEVELOPMENT TESTING SHOP	x
De-scope	L5-0734	STORAGE BUILDING **HISTORY**	SR	STRUCTURE, L5-0734 PREAMPLIFIER BLDG #1	x
De-scope	L6-0043	RECHLORINATION BUILDING (CONTRACTORS RD. AREA)	WA	WATER DIST, L6-0043 RECHLORINATION BLDG	x
De-scope	L7-0888	*FIRE RESCUE TRAINING AREA	SS	SANITATION/SEWAGE, L7-0888 FIRE RSC TRAN	x

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De-scope	L7-0889	*FIRE and RESCUE DRILL TOWER	AC	POWER, L7-0889 FIRE RESCUE DRILL TWR LV	x
De-scope	L7-0889	*FIRE and RESCUE DRILL TOWER	SS	SANITATION/SEWAGE, L7-0889 FIRE & RES	x
De-scope	L7-0889	*FIRE and RESCUE DRILL TOWER	WP	POTABLE WATER, L7-0889 FIRE RSC DRILL	x
De-scope	L7-0940A	*CLASSROOM/OFFICE BLDG.	SS	SANITATION/SEWAGE, L7-0940A CLASSRM	x
De-scope	L7-0940A	*CLASSROOM/OFFICE BLDG.	WP	POTABLE WATER, L7-0940A CLASS/OFFICE	x
De-scope	L7-0988	EQUIPMENT BUILDING **HISTORY**	AC	POWER, L7-0988 EQUIPMENT SHELTER LV	x
De-scope	L7-0988	EQUIPMENT BUILDING **HISTORY**	FG	GROUNDING, L7-0988 EQUIPMENT SHELTER	x
De-scope	L7-0988	EQUIPMENT BUILDING **HISTORY**	HV	HVAC, L7-0988 EQUIPMENT SHELTER (WT #1)	x
De-scope	L7-0988	EQUIPMENT BUILDING **HISTORY**	SR	STRUCTURE, L7-0988 EQUIP SHELTER	x
De-scope	L7-0988	EQUIPMENT BUILDING **HISTORY**	SS	SANITATION/SEWAGE, L7-0988 EQUIP BLDG	x
De-scope	L7-0988	EQUIPMENT BUILDING **HISTORY**	WP	POTABLE WATER, L7-0988 EQUIPMENT BL	x
De-scope	M5-1494	OPERATIONS BLDG (STDNS)	HV	HVAC, M5-1494 MILA OPERATIONS BUILDING	x
De-scope	M5-1494A	SEWAGE TREATMENT PLANT #11 **HISTORY** (STDNS)	AC	POWER, M5-1494A SEWAGE TRMNT PLT #11 LV	x
De-scope	M6-0328	*RACQUETBALL COURT	SS	SANITATION/SEWAGE, M6-0328 RACQUETBALL CT	x
De-scope	M6-0328A	*RACQUETBALL COURT	SS	SANITATION/SEWAGE, M6-0328A RACQUETBALLCT	x
De-scope	M6-0399A	HAZARDOUS WASTE STAGING SHELTER **HISTORY**	AC	POWER, M6-0399A HAZ WASTE STORAGE FAC LV	x
De-scope	M6-0399A	HAZARDOUS WASTE STAGING SHELTER **HISTORY**	FG	GROUNDING, M6-0399A HAZ WASTE STAGING	x
De-scope	M6-0399A	HAZARDOUS WASTE STAGING SHELTER **HISTORY**	LU	LTG PROT, M6-0399A HAZ WASTE STAGING	x
De-scope	M6-0399A	HAZARDOUS WASTE STAGING SHELTER **HISTORY**	SR	STRUCTURE, M6-0399A HAZ WASTE STAG AREA	x
De-scope	M6-0399A	HAZARDOUS WASTE STAGING SHELTER **HISTORY**	SS	SANITATION/SEWAGE, M6-0399A HAZ WST	x
De-scope	M6-0399A	HAZARDOUS WASTE STAGING SHELTER **HISTORY**	WP	POTABLE WATER, M6-0399A HAZ WASTE STAG	x
De-scope	M6-0486	*BASE SUPPORT	*CR	CRANE, M6-0486 BASE SUPPORT	x

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De-scope	M6-0486B	POLLUTION INTERCEPTOR **HISTORY**	AC	POWER, M6-0486B POLLUTION INTERCEPTOR LV	x
De-scope	M6-0486B	POLLUTION INTERCEPTOR **HISTORY**	AI	COMPRESSED AIR, M6-0486B POLLUT INTERCEP	x
De-scope	M6-0486B	POLLUTION INTERCEPTOR **HISTORY**	SR	STRUCTURE, M6-0486B POLLUTION INTERCEPT	x
De-scope	M6-0486B	POLLUTION INTERCEPTOR **HISTORY**	SS	SANITATION/SEWAGE, M6-0486B POLLUTION	x
De-scope	M6-0486B	POLLUTION INTERCEPTOR **HISTORY**	WP	POTABLE WATER, M6-0486B POLLUTION	x
De-scope	M6-0488	HURRICANE STORAGE SHELTER **HISTORY**	SR	STRUCTURE, M6-0488 HURRICANE STOW SHELTR	x
De-scope	M6-0537	*STORAGE and SALVAGE OFFICE	AC	POWER, M6-0537 STORAGE & SALVAGE OFF HV	x
De-scope	M6-0537	*STORAGE and SALVAGE OFFICE	SS	SANITATION/SEWAGE, M6-0537 STORAGE	x
De-scope	M6-0537	*STORAGE and SALVAGE OFFICE	WP	POTABLE WATER, M6-0537 STORAGE & SAL	x
De-scope	M6-0587	*HEAVY EQUIPMENT OPERATIONS	AC	POWER, M6-0587 HEAVY EQUIP SHOP HV	x
De-scope	M6-0639	*FILM STORAGE BUILDING	SS	SANITATION/SEWAGE, M6-0639 FILM STOR	x
De-scope	M6-0689	*TRANSPORTATION STORAGE BLDG.	SS	SANITATION/SEWAGE, M6-0689 TRANS STORAGE	x
De-scope	M6-0689	*TRANSPORTATION STORAGE BLDG.	WF	STANDPIPES, M6-0689 TRANSPORTATION STOR	x
De-scope	M6-0689	*TRANSPORTATION STORAGE BLDG.	WP	POTABLE WATER, M6-0689 TRANSPORT STORAGE	x
De-scope	M6-0785	*HEAVY EQUIPMENT STORAGE AREA	SY	FIRE SPRINKLER, M6-0785 SOURCE BOARD FAC	x
De-scope	M6-0791A	LOADING DOCK **HISTORY**	SR	STRUCTURE, M6-0791A LOADING DOCK, COMM	x
De-scope	M6-0895A	SEWAGE LIFT STATION #1A (KSC INDUSTRIAL AREA)	HV	HVAC, M6-0895A SEWAGE LIFT STATION #1A	x
De-scope	M6-0896	*COMPRESSED AIR SHOP	AC	POWER, M6-0896 COMPRESSED AIR SHOP HV	x
De-scope	M6-0996	POWER SUBSTATION (KSC INDUSTRIAL AREA)	UC	CCS RTU-5 ORSINO, POWER FIC 1535	x
De-scope	M6-1044	*SEWAGE TREATMENT POLISHING POND	AC	POWER, M6-1044 STP POLISHING POND LV	x
De-scope	M6-1629	COMPRESSOR BUILDING	HV	HVAC, M6-1629 COMPRESSOR BLDG.	x

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De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355	OPERATIONS & CHECKOUT BUILDING (O&C) (IND. AREA/O&C)	SC	FIRE SUPPRESSION, HALON 1301, M7-0355	x
De-scope	M7-0355A	HAZARDOUS WASTE STAGING SHELTER (KSC INDUSTRIAL AREA)	FG	GROUNDING, M7-0355A HAZ WASTE STAGING	x
De-scope	M7-0355A	HAZARDOUS WASTE STAGING SHELTER (KSC INDUSTRIAL AREA)	LU	LTG PROT, M7-0355A HAZ WASTE STAGING	x
De-scope	M7-0355A	HAZARDOUS WASTE STAGING SHELTER (KSC INDUSTRIAL AREA)	SR	STRUCTURE, M7-0355A HAZ WASTE STAG AREA	x
De-scope	M7-0355A	HAZARDOUS WASTE STAGING SHELTER (KSC INDUSTRIAL AREA)	SS	SANITATION/SEWAGE, M7-0355A HAZ WSTE	x
De-scope	M7-0355A	HAZARDOUS WASTE STAGING SHELTER (KSC INDUSTRIAL AREA)	WP	POTABLE WATER, M7-0355A HAZ WASTE	x
De-scope	M7-0409B	*STORAGE SHED	HV	HVAC, M7-0409B GENERATOR FACILITY	x

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De-scope	M7-0409B	*STORAGE SHED	SS	SANITATION/SEWAGE, M7-0409B GENER	x
De-scope	M7-0409B	*STORAGE SHED	WP	POTABLE WATER, M7-0409B GENERATOR	x
De-scope	M7-0451	SEWAGE LIFT STATION #1C (KSC INDUSTRIAL AREA)	AI	COMPRESSED AIR, M7-0451 SEW LIFT STA 1C	x
De-scope	M7-0451	*SEWAGE LIFT STATION #1C	HV	HVAC, M7-0451 SEWAGE LIFT STATION #1C	x
De-scope	M7-0657A	*POL	*AC	POWER, M7-0657A POL LV	x
De-scope	M7-0657A	*POL	*SR	STRUCTURE, M7-0657A POL	x
De-scope	M7-0862	*HAZARDOUS WASTE STAGING SHELTER	WP	POTABLE WATER, M7-0862 HAZ WASTE	x
De-scope	M7-1011	*GSE STORAGE BLDG.	SS	SANITATION/SEWAGE, M7-1011 GSE STOR BLDG	x
De-scope	M7-1011	*GSE STORAGE BLDG.	WF	STANDPIPES, M7-1011 GSE STORAGE BUILDING	x
De-scope	M7-1061	HYPERGOL SUPPORT BLDG. (SS21) (PL/HYPERGOL TEST AREA)	FG	GROUNDING, M7-1061 HYPERGOL SUPPORT BLDG	x
De-scope	M7-1061	HYPERGOL SUPPORT BLDG. (SS21) (PL/HYPERGOL TEST AREA)	SC	FIRE SUPPRESSION, HALON 1301, M7-1061	x
De-scope	M7-1098A	RECHLORINATION FACILITY **HISTORY**	AC	POWER, M7-1098A CHLORINATION FAC. LV	x
De-scope	M7-1098A	RECHLORINATION FACILITY **HISTORY**	FG	GROUNDING, M7-1098A CHLORINATION FAC.	x
De-scope	M7-1098A	RECHLORINATION FACILITY **HISTORY**	LU	LTG PROT, M7-1098A CHLORINATION FAC.	x
De-scope	M7-1098A	RECHLORINATION FACILITY **HISTORY**	SR	STRUCTURE, M7-1098A CHLORINATION FAC	x
De-scope	M7-1098A	RECHLORINATION FACILITY **HISTORY**	WA	WATER DIST, M7-1098A CHLORINATION BLDG	x
De-scope	M7-1098A	RECHLORINATION FACILITY **HISTORY**	WP	POTABLE WATER, M7-1098A CHLORINATION FAC	x
De-scope	M7-1354	PAYLOAD HAZARDOUS SERVICING BLDG. (PHSB) (PL/HYPERGOL TEST AREA)	UC	CCS HIM8565 PHSF, POWER FIC 1505	x
De-scope	M7-1354A	*OXIDIZER SHED	AC	POWER, M7-1354A OXIDIZER SHED HV	x
De-scope	M7-1354B	*FUEL TRANSFER BLDG.	AC	POWER, M7-1354B FUEL TRANSFER BLDG. HV	x
De-scope	M7-1356	*TURNSTILE SHELTER	SS	SANITATION/SEWAGE, M7-1356 TURNSTILE	x
De-scope	M7-1357	*MULTI-OPERATION SUPPORT BUILDING	AC	POWER, M7-1357 MULTI OPER SUPPORT BLD HV	x

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De-scope	M7-1361	*STORAGE AREA	SR	STRUCTURE, M7-1361 STORAGE AREA	x
De-scope	M7-1361	*STORAGE AREA	SS	SANITATION/SEWAGE, M7-1361 STORAGE AREA	x
De-scope	M7-1361	*STORAGE AREA	WP	POTABLE WATER, M7-1361 STORAGE AREA	x
De-scope	M7-1362	*FIREX PUMP STATION	AC	POWER, M7-1362 FIREX PUMP STATION HV	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	AC	POWER, M7-1410 HYPER MODULE STORAGE HV	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	FA	FIRE ALARM, M7-1410 CYROGEN TEST BLDG #2	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	FG	GROUNDING, M7-1410 HYPER MODULE PROCES W	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	LU	LTG PROT, M7-1410 HYPER MODULE PROCESS W	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	SR	STRUCTURE, M7-1410 CRYOGEN TEST BLDG #2	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	SS	SANITATION/SEWAGE, M7-1410 CRYOGENIC #2	x
De-scope	M7-1410	*HYPERGOL MODULE STORAGE,WEST	WF	STANDPIPES, M7-1410 HYPERGOL MOD STORAGE	x
De-scope	M7-1410	HYPERGOL MODULE STORAGE,WEST (PL/HYPERGOL TEST AREA)	WP	POTABLE WATER, M7-1410 HYPER STORAGE E	x
De-scope	M7-1410A	EQUIPMENT SHELTER (PL/HYPERGOL TEST AREA)	AC	POWER, M7-1410A EQUIPMENT SHELTER LV	x
De-scope	M7-1410A	EQUIPMENT SHELTER (PL/HYPERGOL TEST AREA)	FA	FIRE ALARM, M7-1410A EQUIPMENT SHELTER	x
De-scope	M7-1410A	EQUIPMENT SHELTER (PL/HYPERGOL TEST AREA)	SR	STRUCTURE, M7-1410A EQUIPMENT SHELTER	x
De-scope	M7-1410A	*EQUIPMENT SHELTER	SS	SANITATION/SEWAGE, M7-1410A EQUIP	x
De-scope	M7-1410A	EQUIPMENT SHELTER (PL/HYPERGOL TEST AREA)	WP	POTABLE WATER, M7-1410A EQP SHELTER	x

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De-scope	M7-1411	*HAZARDOUS WASTE STAGING SHELTER	FG	GROUNDING, M7-1411 HAZ WASTE STAGING	x
De-scope	M7-1411	*HAZARDOUS WASTE STAGING SHELTER	LU	LTG PROT, M7-1411 HAZ WASTE STAGING	x
De-scope	M7-1411	*HAZARDOUS WASTE STAGING SHELTER	SR	STRUCTURE, M7-1411 HAZ WASTE STAGING FAC	x
De-scope	M7-1411	*HAZARDOUS WASTE STAGING SHELTER	WP	POTABLE WATER, M7-1411 HAZ WASTE STAGING	x
De-scope	M7-1412	HYPERGOL MODULE STORAGE, EAST (PL/HYPERGOL TEST AREA)	FG	GROUNDING, M7-1412 HYPER MODULE PROCES E	x
De-scope	M7-1461	LIQUID HYDROGEN PAD **HISTORY**	SR	STRUCTURE, M7-1461 LIQUID HYDROGEN PAD	x
De-scope	M7-1472	*ORDNANCE STORAGE	WF	STANDPIPES, M7-1472 ORDNANCE STORAGE	x
De-scope	M7-1521	*OPERATIONS SUPPORT BUILDING	AC	POWER, M7-1521 VPF OPS BUILDING HV	x
De-scope	M7-1521	*OPERATIONS SUPPORT BUILDING	WF	STANDPIPES, M7-1521 OPERATIONS SUPPORT	x
De-scope	N6-0959	GATE HOUSE #2 **HISTORY**	KP	ESS,ACIDS II	x
De-scope	TR1-224	TRAILER	SR	STRUCTURE, TR1-0224 PACEMAKER	x
De-scope	TR1-487	TRAILER	SR	STRUCTURE, TR1-0487 KING'S CUSTOM	x
De-scope	TR1-591	TRAILER	SR	STRUCTURE, TR1-0591 SOUTHERN	x
De-scope	TR1-597	TRAILER	SR	STRUCTURE, TR1-0597 SOUTHERN	x
De-scope	TR1-693	TRAILER	SR	STRUCTURE, TR1-0693 KARS 1	x
De-scope	TR1-743	TRAILER	SR	STRUCTURE, TR1-0743 TEMPORARY BUILDING	x
De-scope	TR1-744	TRAILER	SR	STRUCTURE, TR1-0744 TEMPORARY BUILDING	x
De-scope	TR6-103	TRAILER (WAS TRM4-100)	FA	FIRE ALARM, TR6-0103, MOD. OFFICE TRLR	x
De-scope	TR6-103	TRAILER (WAS TRM4-100)	SR	STRUCTURE, TR6-0103, MOD. OFFICE TRAILER	x
De-scope	TR6-103	TRAILER (WAS TRM4-100)	WP	POTABLE WATER, TR6-0103, MOD. OFF. TRLR	x
De-scope	TR6-105	RESTROOM TRAILER (WAS TRM4-105)	SS	SANITATION/SEWAGE, TR6-0105, RESTROOM	x
De-scope	TR6-105	RESTROOM TRAILER (WAS TRM4-105)	WP	POTABLE WATER, TR6-0105, RESTROOM TRAILR	x

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De-scope	TR6-106	TRAILER (WAS TRM4-101)	FA	FIRE ALARM, TR6-0106, MOD. OFFICE TRLR	x
De-scope	TR6-106	TRAILER (WAS TRM4-101)	SR	STRUCTURE, TR6-0106, MOD. OFFICE TRAILER	x
De-scope	TR6-106	TRAILER (WAS TRM4-101)	SS	SANITATION/SEWAGE, TR6-0106 OFF TRAILER	x
De-scope	TR6-106	TRAILER (WAS TRM4-101)	SY	FIRE SPRINKLER, TR6-0106 MOD. OFFICE TRL	x
De-scope	TR6-106	TRAILER (WAS TRM4-101)	WP	POTABLE WATER, TR6-0106, MOD. OFF. TRLR.	x
De-scope	TR6-107	TRAILER (WAS TRM4-0102)	FA	FIRE ALARM, TR6-0107, MOD. OFFICE TRLR	x
De-scope	TR6-107	TRAILER (WAS TRM4-0102)	SR	STRUCTURE, TR6-0107, MOD. OFFICE TRAILER	x
De-scope	TR6-107	TRAILER (WAS TRM4-0102)	WP	POTABLE WATER, TR6-0107, MOD. OFF. TRLR	x
De-scope	TR6-108	TRAILER (WAS TRM4-103)	FA	FIRE ALARM, TR6-0108, MOD. OFFICE TRLR	x
De-scope	TR6-108	TRAILER (WAS TRM4-103)	SR	STRUCTURE, TR6-0108, MOD. OFFICE TRAILER	x
De-scope	TR6-108	TRAILER (WAS TRM4-103)	WP	POTABLE WATER, TR6-0108, MOD. OFF. TRLR	x
De-scope	TRM-011	TEMPORARY BUILDING #21 **HISTORY**	SR	STRUCTURE, TRM011 TEMPORARY BLDG #21	x
De-scope	TRM-019	TEMPORARY BUILDING #36	AC	POWER, TRM019 TEMPORARY BLDG #36 LV	x
De-scope	TRM-019	TEMPORARY BUILDING #36	FA	FIRE ALARM, TRM-019 TEMP BLDG. #36	x
De-scope	TRM-019	TEMPORARY BUILDING #36	FG	GROUNDING, TRM019 TEMPORARY BLDG #36	x
De-scope	TRM-019	TEMPORARY BUILDING #36	LU	LTG PROT, TRM019 TEMPORARY BLDG #36	x
De-scope	TRM-019	TEMPORARY BUILDING #36	PA	PAGING & AREA WARNING, TRM-019 TEMP BLDG	x
De-scope	TRM-019	TEMPORARY BUILDING #36	SR	STRUCTURE, TRM019 TEMPORARY BLDG #36	x
De-scope	TRM-019	TEMPORARY BUILDING #36	SS	SANITATION/SEWAGE, TRM019 TEMPORARY #36	x
De-scope	TRM-019	TEMPORARY BUILDING #36	WP	POTABLE WATER, TRM019 TEMPORARY BLDG #36	x
De-scope	TRM-026	TEMPORARY BUILDING #45	SR	STRUCTURE, TRM-026 TEMP BUILDING #45	x
De-scope	TRM-027	TEMPORARY BUILDING #46	SR	STRUCTURE, TRM027 TEMPORARY BLDG #46	x
De-scope	TRM-031	TEMPORARY BUILDING #50	SR	STRUCTURE, TRM031 TEMPORARY BLDG. #50	x
De-scope	TRM-031	TEMPORARY BUILDING #50	SS	SANITATION/SEWAGE, TRM031 TEMP BLDG	x

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De-scope	TRM-031	TEMPORARY BUILDING #50	WP	POTABLE WATER, TRM031 TEMP #50	x
De-scope	TRM-045	TEMPORARY BUILDING #64 **HISTORY**	SR	STRUCTURE, TRM045 TEMPORARY BLDG #64	x
De-scope	TRM-050	TEMPORARY BUILDING #71	SR	STRUCTURE, TRM-050 TEMP BLDG #71	x
SET TO "D"	K6-0900	LAUNCH CONTROL CENTER (VAB/LCC AREA)	KP	LAUNCH OPERATIONS ACCESS CONTROL SYS.	x

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Action Required	Facility Number	Sub-system	Sub-system Required	PMN	Baseline	WUC	King's Comments
Add	01040-1	TN	TANK, RAINWATER, #01040-1 TANK, RAINWATR	K62-4471	560.63	TXFTN00000	x
Add	01042-1	TN	TANK, RAINWATER, #01042-1 TANK, RAINWATR	K62-4472	560.63	T3FTN00000	x
Add	01044-1	TN	TANK, WASTE RP/JP, #01044-1 TANK, WASTE	K62-4473	561.32	QKFTN10000	x
Add	01207AA	SR	STRUCTURE, #01207AA CAMERA PADS	K62-4474	561.23	NMFSR11000	x
Add	01207FF	SS	SANITATION/SEWAGE, #01207FF SEWAGE DISP	K62-4475	560.70	V1FSS10000	x
Add	01207HH	SR	STRUCTURE, #01207HH VEHICLE PARKING	K62-4476	561.23	V4FSR00000	x
Add	01732-1	TN	TANK, DIESEL FUEL, #01732-1 DIESEL TANK	K62-4477	561.32	LZFTN00000	x
Add	15730	HY	HYDRAULIC LIFT, #15730 STOR BLG BLKHSE	K62-4538	560.50	BKFHY00000	x
Add	60679	SR	STRUCTURE, #60679 ANTENNA STRUCTURE	K62-4478	561.23	MWFSR20000	x
Add	J5-0341	SS	SANITATION/SEWAGE, J5-0341 ASCENT WIND	K61-6471	357.00	DZFSS00000	070201 email WILLIAM GOBER
Add	J5-0341	SR	STRUCTURE, J5-0341 ASCENT WIND PROFILER	K61-6052	375.01	DZFSR00000	070201 email WILLIAM GOBER
Add	J5-0341	AC	POWER, J5-0341 ASCENT WIND PROFILER LV	K62-3497	353.45	DZFAC10000	070201 email WILLIAM GOBER
Add	J6-1874	AI	COMPRESSED AIR, J6-1874 SUPPORT BUILDING	K62-4410	104.00	K1FAI00000	x
Add	J6-1874	WP	POTABLE WATER, J6-1874 SUPPORT BUILDING	K62-4409	500.40	K1FWP00000	x
Add	J8-1708	SY	FIRE SPRINKLER, J8-1708, PREACTION, PAD A	K61-4224-02	495.50	PTFSYPR000	x
Add	J8-1708	SY	FIRE SPRINKLER, J8-1708, FIXED SPRAY, PAD	K61-4224-03	495.50	PTFSYFS000	x
Add	J8-1957	SR	STRUCTURE, J8-1957 SWITCH SHELTER	K62-4345	423.01	JEFSR00000	x
Add	K6-0696J	SR	STRUCTURE, K6-0696J K-BOTTLE STORAGE	K62-4495	382.01	HHFSR40000	070601 Not Spoc per Woods

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Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV0	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV1	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV2	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV3	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV0	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV2	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV1	070607 Jbosc's per Chuck Jenkins
Add	K6-0900	UC	KCCS SERVER, K6-0900, UTILITY	K61-4414-15S1	360.05	LCFUCSERV3	070607 Jbosc's per Chuck Jenkins
Add	K6-0947	UC	KCCS WORKSTATION, K6-0947, UTILITY	K61-4414-15W3	360.05	UAFUC015W3	070607 email Chuck Jenkins
Add	K6-0947	HT	HOIST, K6-0947 UTILITY ANNEX, VAB (QTY2)	K62-4506	390.00	UAFHT74001	x
Add	K6-0947	HT	HOIST, K6-0947 UTILITY ANNEX, VAB (QTY2)	K62-4506	390.00	UAFHT74002	x
Add	K6-0947F	SR	STRUCTURE, K6-0947F STORAGE SHED	K62-4496	394.00	UAFSR30000	x
Add	K6-1394	SR	STRUCTURE, K6-1394 SECURITY STORAGE SHED	K62-4508	425.00	KEFSR00000	x
Add	K6-1547	RW	HVAC, K6-1547 LOGISTIC FAC CAFE REFR ONLY	K62-4336	492.00	CKFRWREF00	CAFETERIA REFRIG
Add	K6-1547A	FA	FIRE ALARM, K6-1547A POL	K62-4507	355.00	CKFFA00000	x
Add	K7-0468	UC	KCCS WORKSTATION, K7-0468 CCF, UTILITY	K61-4414-15W4	360.05	GGFUC015W4	070607 Jbosc's per Chuck Jenkins
Add	K7-0468	UC	KCCS WORKSTATION, K7-0468 CCF, UTILITY	K61-4414-15W4	360.05	GGFUC015W4	070607 Jbosc's per Chuck Jenkins
Add	K7-0468	UC	KCCS WORKSTATION, K7-0468 CCF, UTILITY	K61-4414-15W4	360.05	GGFUC015W4	KCCS
Add	K7-0468	UC	KCCS WORKSTATION, K7-0468 CCF, UTILITY	K61-4414-15W4	360.05	GGFUC015W4	070607 Jbosc's per Chuck Jenkins
Add	L7-0940A	FA	FIRE ALARM, L7-0940A CLASSROOM/OFFICE	K62-4331	355.00	GZFFA00000	x

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Add	M6-0342C	SR	STRUCTURE, M6-0342C GN2 STORAGE AREA	K62-4497	477.01	XZFSR20000	x
Add	M6-0399	UC	KCCS WORKSTATION, M6-0399 HQ, UTILITY	K61-4414-15W7	360.05	LOFUC015W7	070607 Jbosc's per Chuck Jenkins
Add	M6-0399	UC	KCCS WORKSTATION, M6-0399 HQ, UTILITY	K61-4414-15W7	360.05	LOFUC015W7	070607 Jbosc's per Chuck Jenkins
Add	M6-0399	UC	KCCS WORKSTATION, M6-0399 HQ, UTILITY	K61-4414-15W7	360.05	LOFUC015W7	070607 Jbosc's per Chuck Jenkins
Add	M6-0458	KP	ESS-AC,LENEL.M6-0458 COMMISSARY BUILDING	K62-1945-67	359.75	VHFKPLEN67	JBOSC maintains Lenel
Add	M6-0486N	SR	STRUCTURE, M6-0486N CMT ROOF CREW STOR	K62-4570	505.11	PMFSR80000	x
Add	M6-0509	SR	STRUCTURE, M6-0509 POL STORAGE BUILDING	K62-4352	505.08	IXFSR70000	x
Add	M6-0584A	SR	STRUCTURE, M6-0584A POL	K62-4337	505.11	ALFSRA0000	x
Add	M6-0584B	SR	STRUCTURE, M6-0584B POL	K62-4338	505.11	ALFSRB0000	x
Add	M6-0595	UC	KCCS WORKSTATION, M6-0595 HT PLT,UTILITY	K61-4414-15W6	360.05	HPFUC015W6	070607 Jbosc's per Chuck Jenkins
Add	M6-0595	UC	KCCS WORKSTATION, M6-0595 HT PLT,UTILITY	K61-4414-15W6	360.05	HPFUP015W6	KCCS
Add	M6-0596	FG	GROUNDING, M6-0596 SERVICE STATION	K62-4548	360.10	NNFFG00000	x
Add	M6-0596	LU	LTG PROT, M6-0596 SERVICE STATION	K62-4549	360.11	NNFLU00000	x
Add	M6-0596A	FG	GROUNDING, M6-0596A FUELING ISLAND CNPY	K62-4551	360.10	NNFFG10000	x
Add	M6-0596A	LU	LTG PROT, M6-0596A FUEL ISLAND CANOPY	K62-4552	360.11	NNFLU10000	x
Add	M7-0407	UC	KCCS WORKSTATION, M7-0407, UTILITY	K61-4414-15W2	360.05	K8FUC015W2	070607 Jbosc's per Chuck Jenkins
Add	M7-0407	UC	KCCS WORKSTATION, M7-0407, UTILITY	K61-4414-15W2	360.05	K8FUC015W2	070607 Jbosc's per Chuck Jenkins
Add	M7-0407	UC	KCCS WORKSTATION, M7-0407, UTILITY	K61-4414-15W2	360.05	K8FUC015W2	070607 Jbosc's per Chuck Jenkins
Add	M7-0554	FG	GROUNDING, M7-0554 OPERATIONS BLDG POL	K60-0910	360.10	POFFG00000	x
Add	M7-0555	UC	KCCS WORKSTATION, M7-0555 WWS, UTILITY	K61-4414-15W5	360.05	BPFUC015W5	070607 Jbosc's per Chuck Jenkins

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Add	M7-0555	UC	KCCS WORKSTATION, M7-0555 WWS, UTILITY	K61-4414-15W5	360.05	BPFUC015W5	070607 Jbosc's per Chuck Jenkins
Add	M7-0555	UC	KCCS WORKSTATION, M7-0555 WWS, UTILITY	K61-4414-15W5	360.05	BPFUC015W5	070607 Jbosc's per Chuck Jenkins
De-scope	60680	WP	STANDPIPES, POTABLE #60680	K61-2258	560.61	MWFWPEA000	GONE
De-scope	80700A	SS	SANITATION/SEWAGE, #80700A CONTROL BLDG.	K62-2379	560.65	WTFSS00000	GONE
De-scope	K6-0594	SR	STRUCTURE, K6-0594 CLAMSHELL #1	K61-3404	505.10	YVFSR90000	demolished
De-scope	K6-1347A	SR	STRUCTURE, K6-1347A HAZ WASTE STG BLDG	K62-1718	382.01	KDFSR00000	Demolished
De-scope	K6-1996E	AC	POWER, K6-1996E SEWAGE TREATMENT PLT LV	K61-0430	353.10	KXFAC9L000	Abandoned
De-scope	K6-1996E	SS	SEWAGE PLANT, STP# 15, K6-1996E	K61-0706	357.00	KXFSS9D100	Abandoned
De-scope	K6-1996E	WP	POTABLE WATER, K6-1996E STP #15, LS-15A	K61-0943	500.40	KXFWP90000	Abandoned
De-scope	K6-1996E	SR	STRUCTURE, K6-1996E STP #15, LS-15A	K61-1504	425.00	KXFSR60000	Abandoned
De-scope	K6-1996P	SR	STRUCTURE, K6-1996P RIGGING STORAGE BLDG	K62-3924	425.00	OPFSRP0000	Demolished
De-scope	K6-1996S	SR	STRUCTURE, K6-1996S STORAGE BUILDING	K62-3927	425.00	OPFSRS0000	Demolished
De-scope	K7-0621	SR	STRUCTURE, K7-0621 HAZ WASTE STAGE FAC	K61-1985	463.01	KHFSRJ0000	Abandoned
De-scope	K7-0621	FG	GROUNDING, K7-0621 HAZ WASTE STAGING	K60-1439	360.10	KHFFG00000	Abandoned
De-scope	K7-0621	FG	GROUNDING, K7-0621 HAZ WASTE STAGING	K60-1439	360.10	KHFFG00000	Abandoned
De-scope	K7-0621	LU	LTG PROT, K7-0621 HAZ WASTE STAGING	K60-1467	360.11	KHFLU00000	Abandoned
De-scope	K7-0621	SR	STRUCTURE, K7-0621 HAZ WASTE STAGE FAC	K61-1985	463.01	KHFSRJ0000	Abandoned
De-scope	K7-0621	LU	LTG PROT, K7-0621 HAZ WASTE STAGING	K60-1467	360.11	KHFLU00000	Abandoned
De-scope	M5-1548	SR	STRUCTURE, M5-1548 TOWER	K62-1849	505.10	K9FSR40000	Abandoned
De-scope	M6-0235	SR	STRUCTURE, M6-0235 TOWER	K62-1852	505.10	KBFSR30000	Abandoned
De-scope	M6-0486	HT	HOIST, M6-0486 M&O BASE SUPPORT, 1500LB	K62-4519	505.21	PMFHTOM000	excess hardware
De-scope	M6-0688	PS	FACILITY, M6-0688 SOLVENT STORAGE	K61-2155	457.06	KJFPSJ0000	REMOVED

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De-scope	M6-0695	GA	SYSTEM, CO2 STORAGE UNIT	K61-3804	498.50	FSFGA00000	070201 per Wimberly, Gerald R. descope
De-scope	M7-0355	KP	ESS, INDEPENDENT SECURITY SYSTEM, ISS	K61-3611	359.75	OCFKPISS00	REPLACED
De-scope	M7-0355A	FG	GROUNDING, M7-0355A HAZ WASTE STAGING	K60-1429	360.10	ZLFFG00000	Abandoned
De-scope	M7-0355A	LU	LTG PROT, M7-0355A HAZ WASTE STAGING	K60-1458	360.11	ZLFLU00000	Abandoned
De-scope	M7-0355A	SR	STRUCTURE, M7-0355A HAZ WASTE STAG AREA	K61-3113	439.01	ZLFSRC00000	Abandoned
De-scope	M7-0355A	SS	SANITATION/SEWAGE, M7-0355A HAZ WASTE	K61-7818	435.00	ZLFSS00000	Abandoned
De-scope	M7-0355A	WP	POTABLE WATER, M7-0355A HAZ WASTE	K61-8207	437.00	ZLFWP00000	Abandoned
De-scope	M7-0651	AC	POWER, M7-0651 VEHICLE RAMP LV	K62-0042	353.05	VLFAC10000	DEMOLISHED
De-scope	M7-0651	SS	SANITATION/SEWAGE, M7-0651 VEHICLE RAMP	K60-0156	501.10	VLFSS90000	DEMOLISHED
De-scope	M7-0651	SR	STRUCTURE, M7-0651 VEHICLE LOADING RAMP	K61-2016	505.11	VLFSR90000	DEMOLISHED
De-scope	M7-1410	AC	POWER, M7-1410 HYPER MODULE STORAGE HV	K61-0579	353.01	CUFACH0000	DEMOLISHED
De-scope	TRM-027	SR	STRUCTURE, TRM027 TEMPORARY BLDG #46	K61-3064	497.01	F2FSR90000	070201 per Stilwell Demolished/Gone.
De-scope	TRM-027	SR	STRUCTURE, TRM027 TEMPORARY BLDG #46	K61-3064	497.01	F2FSR90000	070201 per Stilwell Demolished/Gone.
De-scope	TRM-031	WP	POTABLE WATER, TRM031 TEMP #50	K61-8130	500.40	F8FWP00000	070201 per Stilwell Demolished/Gone.
De-scope	TRM-031	SR	STRUCTURE, TRM031 TEMPORARY BLDG. #50	K61-2419	382.01	F8FSR00000	070201 per Stilwell Demolished/Gone.
De-scope	TRM-031	SS	SANITATION/SEWAGE, TRM031 TEMP BLDG	K61-7841	501.10	F8FSS00000	070201 per Stilwell Demolished/Gone.

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De-scope	TRM-031	WP	POTABLE WATER, TRM031 TEMP #50	K61-8130	500.40	F8FWP00000	070201 per Stilwell Demolished/Gone.
De-scope	TRM-031	SS	SANITATION/SEWAGE, TRM031 TEMP BLDG	K61-7841	501.10	F8FSS00000	070201 per Stilwell Demolished/Gone.
De-scope	TRM-031	SR	STRUCTURE, TRM031 TEMPORARY BLDG. #50	K61-2419	382.01	F8FSR00000	070201 per Stilwell Demolished/Gone.
No Action	G3-1643B	SR	STRUCTURE, G3-1643B COMFORT STATION	K62-4492	561.29	HCFSR71000	NOT NASA OWNED
No Action	H4-1798	SR	STRUCTURE, H4-1798 ADMINISTRATIVE BLDG	K62-4417	505.10	MKFSR40000	NOT NASA OWNED
No Action	H4-1840A	SR	STRUCTURE, H4-1840A PUMP HOUSE	K62-4350	505.10	CYFSR40000	NOT NASA OWNED
No Action	J5-1598	AC	POWER, J5-1598 SLF CONTROL TOWER HV	K61-4633	353.00	B2FAC00000	IN CCR 662
No Action	J5-2050	AC	POWER, J5-2050 MSBLS MONITOR R/W 33S HV	K61-1683	353.00	EIFACZ0000	IN CCR 06-62
No Action	J7-0255	SR	STRUCTURE, J7-0255 LTG PROT TWRS 1,2 & 3	K62-4557	423.01	LBFSR40000	FUTURE
No Action	K6-0900	UC	KCCS WORKSTATION, K6-0900, LCC POWER	K61-4414-15W1	360.05	LCFUC015W1	SHUTTLE'S
No Action	K6-0900	UP	POWER, UPS, K6-0900 LCC	K62-4243	353.06	LCFUP00000	SHUTTLE'S
No Action	K6-1446J	SR	STRUCTURE, K6-1446J EQUIPMENT SHED	K62-4559	425.00	LIFSR20000	FUTURE
No Action	K6-1547	HV	HVAC, K6-1547 LOGISTIC FAC CAFE REFR ONLY	K62-4336	492.00	CKFHVREF00	CAN'T FIND IT IN THE OMEU
No Action	M6-0089	SR	STRUCTURE, M6-0089 CELL PHONE EQUIPT SHT	K62-4351	491.02	XSFSR00000	NOT NASA OWNED
No Action	M6-0409P	SR	STRUCTURE, M6-0409P KODAK BUILDING	K62-4353	505.08	VHFSR03000	NOT NASA OWNED
No Action	M6-0595	HH	HTHW, M6-0595 HEATING PLANT	K61-0705	356.00	HPFHH60000	070201 Slayman, system still on-line.
No Action	M7-1210	AC	POWER, M7-1210 SAEF-II HV	K61-0576	353.01	HSFACH0000	CCR 05-14
No Action	TR5-532	SR	STRUCTURE, TR5-0533 TEMP CONST TRAILER	K62-4542	505.07	20FSRTR200	NOT NASA OWNED

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No Action	TR5-532	SR	STRUCTURE, TR5-0532 TEMP CONST TRAILER	K62-4541	505.07	20FSRTR100	NOT NASA OWNED
No Action	TR5-534	SR	STRUCTURE, TR5-0534 TEMP CONST TRAILER	K62-4566	505.07	20FSRTR501	NOT NASA OWNED
No Action	TR5-535	SR	STRUCTURE, TR5-0535 TEMP CONST TRAILER	K62-4567	505.07	20FSRTR502	NOT NASA OWNED
No Action	TR5-536	SR	STRUCTURE, TR5-0536 TEMP CONST TRAILER	K62-4568	505.07	20FSRTR503	NOT NASA OWNED
No Action	TR5-537	SR	STRUCTURE, TR5-0537 TEMP CONST TRAILER	K62-4569	505.07	20FSRTR504	NOT NASA OWNED
Set to "D"	H7-1684	KP	ESS-AC, LENEL, H7-1684, OBS TWR, EAGLE 4	K62-1945-11	359.75	UEFKPLEN11	NOT INSTALLED
Set to "D"	J5-2050	AC	POWER, J5-2050 MSBLS MONITOR R/W 33S HV			EIFACZL000	TRACKED ELSEWHERE
Set to "D"	M7-1210	KP	PAYLOAD ACCESS CONTROL SYSTEM, PACS	U70-1360	359.75	HSFKPPC000	WAS BOEING'S
Set to "Q"	M6-0409Q	SR	STRUCTURE, M6-0409Q FOOD OUTLET	K62-4326	505.08	VHFSR02000	DNPS's facility.
Set to "Q"	M6-0508	SR	STRUCTURE, M6-0508 HAZ MAT STORAGE BLDG	K62-4327	505.08	IXFSR60000	DNPS's facility.
Set to "Q"	M6-0510	TN	TANK, FUEL OIL, M6-0510 FUEL OIL TANK	K62-4328	561.32	IXFTN00000	DNPS's facility.
Set to "Q"	M6-0511	SR	STRUCTURE, M6-0511 FUELING RAMP	K62-4329	503.01	IXFSRFR000	DNPS's facility.

2.2.1-1	Critical and/or Mission Essential F/S/E/U shall be ready to the user 100% of the time from Call to Station until the mission milestone is completed or cancelled. (MOD 436)	Formatted Table
2.2.1-2	Services and functions provided by all other F/S/E/U shall be ready to the user 98% of the time.	
2.2.1-3	No more than 20 false fire alarms per month or 13 facility evacuations shall occur per month resulting from O/M/E attributed action/inaction of the contractor.	
2.2.1-4	100% of Type 2 emergency work orders shall be mitigated within 24 hours, 99% completed within 10 calendar days, and 100% completed within 60 calendar days of the original call.	
2.2.1-5	100% of Type 2 urgent work orders shall be mitigated within 72 hours, 98% completed within 20 calendar days, and 100% completed within 60 calendar days of the original call.	
2.2.1-6	<p><del>NASA and Air Force: 90% of Type 2 routine work orders shall be completed within 30 calendar days, 97%<del>98%</del> completed within 60 calendar days, and <del>98%</del>100% completed within 180 calendar days of the original call. (Mod 492)</del></p> <p>SGS will expend 74% of the Air Force Type 2C routine work order historical cost average each month. When that limit is reached, SGS will decline further requests for the remainder of that month and advise the customers that: a) SGS has reached the limit of the Wing's monthly budget; and b) the request may be resubmitted in a subsequent month. (Mod 286)</p>	Formatted: Strikethrough Formatted: Strikethrough Formatted: Font: Bold Formatted: Font: Bold
2.2.1-7	90% of Type 3C work orders shall be completed on or before the original negotiated completion date unless the customer initiates a change to the work. (Mod 232)	Formatted: Tabs: Not at 0.58" + 2.69"
2.2.1-8	85% completion of schedule preventive predictive maintenance for Air Force F/S/E/U (Mod 219) (Mod 286) (MOD 436) (Mod 492)	Formatted: Font: Bold
2.2.1-9	100% completion of scheduled preventive/predictive maintenance for critical and/or mission essential F/S/E as defined in CMDS	
2.2.1-10	<del>95 % completion rate for NASA routine (non-critical, non-mission-essential) Type 1 work orders. (Mod 492)</del>	Deleted: Deleted (436)
2.2.1-12	90% of requested Type 3C Work Order ROM estimates shall be within 25% of the Final Design Estimates (FDE). (Mod 232)	
2.2.1-13	100% Completions of all NFPA code-required <i>and life safety</i> maintenance. (MOD 436)	
2.2.1-15	100% of In-work Air Force Type 3C Work Orders shall be resubmitted to the Air Force for continued work approval prior to expending funds beyond the approved FDE level. (Mod 232)	
2.2.1-16	90% of Type 3C Work Orders shall have actual total completion costs less than or equal to the original final design cost estimate (FDE) plus the additional addendum(s) design cost estimate. (Mod 232) (MOD 436)	
2.2.1-17	No utility damage shall result from contractor failure to properly locate or mark identifiable utility systems.	
2.2.2-1	No dumpsters shall be visibly overflowing	
2.2.2.2	Reserved	
2.2.3-1	Reserved	Deleted: 2.2.3-2 ... [1]

3-2	2.2. Reserved
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CONTRACT APPLICATION INFORMATION FOR DRL _____					A. ITEM NO. 2.2-06 Rev.D
B. LINE ITEM TITLE: Facility Maintenance Execution Summary					
C. OPR. TA	D. TYPE 3	E. INSPECT/ ACCEPT 1	F. FREQ. Monthly /Annually	G. INITIAL SUB. Nov. 15, 2007	H. AS OF DATE 09/30
J. REMARKS: Block K: Type "D" is electronic via email or portable media, using Microsoft Excel. This Revision supercedes all previous versions and parts.					
K. DISTRIBUTION					TOTALS
					NO.
					TYPE
JP-B/Infrastructure Lead					1
KSC/NASA/TA - Functional Manager for Facilities Maintenance					1
45 CES/CELO/Chief, Range Operations Element					1
DATA REQUIREMENT DESCRIPTION					
1. TITLE Facility Maintenance Execution Summary				2. NUMBER	
3. USE This document will be used by Government personnel to assess the Contractor's stewardship of assigned real property and collateral equipment.				4. DATE	
				5. ORGANIZATION	
7. INTERRELATIONSHIP WBS 2.2, DRD				6. REFERENCES NPR 8831.2D	

**8. PREPARATION INFORMATION**

**1. Labor Hour Estimate:** Spreadsheets available on line to customer depict the number of manhours to do 100% of the PMs (+PTs) that are needed for maintenance of our Facilities/Systems/Equipment as covered by WBS 2.2. Infrastructure for a current fiscal year.

- Summary worksheet of estimated annual labor hours by primary system
- Detail worksheets (by primary system) showing, at a minimum:  
Equipment Number, PM Number, Job Plan Number, PM's Performance Frequency, Estimated Labor Hours, PM's Occurences per year.
- in Excel workbook format, Annual (at the beginning of the Fiscal Year).

**2. Deferral Pareto Charts (Available on line to customer):**

- 2.1. PM Deferrals:
  - in Excel workbook format, Monthly.
- 2.2. PM Deferrals: for the Critical/MEE/Code Compliant Systems-Equipment:
  - in Excel workbook format, Monthly.
- 2.3. PT Deferrals:
  - in Excel workbook format, Monthly.

**3. Completed PMs:** Charts available on line to customer show the number of PM/PTs Issued, "Adjusted" Issued, and Completed.

- in Excel workbook format, Monthly.
- "Adjusted" Issued = Issued - "Can't Do" - "Should not Do" - Cancelled.  
Can't Do = AD, EU, OD.  
Shouldn't Do = IU, VS, RP.

3.1 Available on line to customers is a Bar-chart for the month's period grouped by primary systems.

3.2 Available on line to customers is a Trend line chart that shows the total values for the previous 12 months (including the current month).

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## 8. PREPARATION INFORMATION (continued)

4. **Completed PTs:** Charts available on line to customer show the number of PM/PTs Issued, "Adjusted" Issued, and Completed.

- in Excel workbook format, Monthly.
- "Adjusted" Issued = Issued - "Can't Do" - "Should not Do" - Cancelled.  
Can't Do = AD, EU, OD.  
Shouldn't Do = IU, VS, RP.

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4.1. Available on line to customer is a Bar-chart for the month's period grouped by primary systems.

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4.2. Available on line to customer is a Trend line chart that shows the total values for the previous 12 months (including the current month).

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5. **6-Month Overdue:** Available on line to the customer is a listing of the Type1 PM maintenance tasks for Facility-Systems-Equipment.

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- in Excel workbook format, Monthly.
- Data should be provided in list format.
- The listing needs to include all of the WONs that were Reported more than 6 months ago and are still Open or Completed.
- The listing needs to include the following fields (as a minimum): WON, Won Description, Reported Date, Completion Date, (current) Status.

6. **Lag Time from Submittal to Completed to Closed:** Available on line to the customer is a listing of the Type1 PM maintenance tasks for Facility-Systems-Equipment.

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- in Excel workbook format, Monthly.
- Data should be provided in table format as well as depicted graphically (chart).
- The data will be for the previous 12 months.
- For each month, the data and charting needs to collect and display the following:
  - Number of "Reported WONS" (opened / issued).
  - The number of the "Reported WONS" that are now in the status of Closed (Maximo's Close and Can).
  - The number of the Reported WONS that are now in the status of Completed (Maximo's Comp and Cmpl)
  - The number of the Reported WONS that are now in the status of Deferred (Maximo's CDEF).
  - The number of the Reported WONS that are now still in the status of Open.

### Rev.D additions:

7. **Rescheduled PMs (Available on line to customer):**

- Monthly, a listing and summary of the PMs that were Rescheduled.
- Listing: WON, Description, TCD, Rescheduled Completion date, Cause (External/Internal), Status.

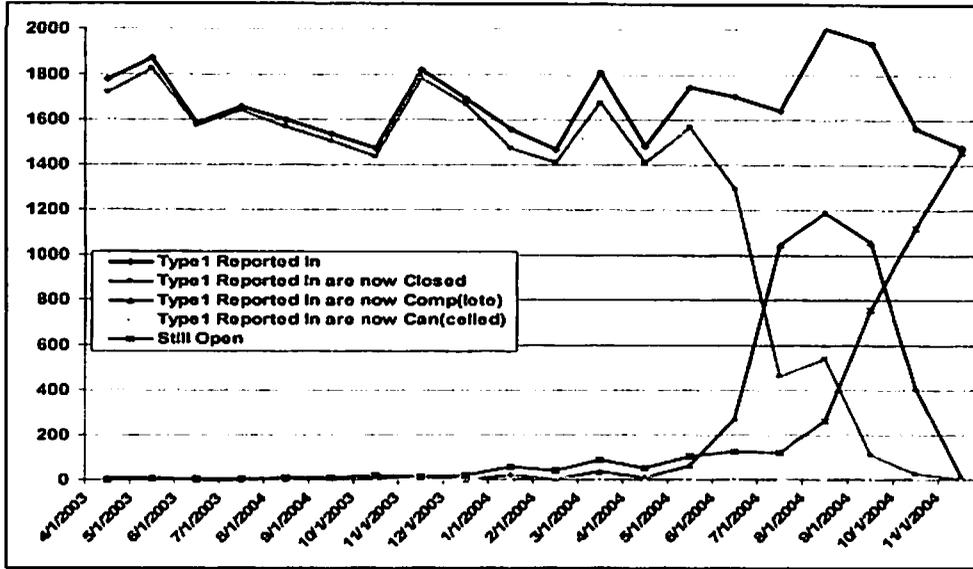
8. **Data Entry (Available on line to customer):**

- Monthly, a data entry summary of the completed PMs that were entered into Maximo.
  - Summary counts of how many were entered within the 7 day processing period after their scheduled completion.
  - Summary counts of how many were not entered within the 7 day processing period after their scheduled completion.

9. **Consecutive Deferrals (Available on line to customer):**

- Monthly, a listing of the PMs that had consecutive Deferrals.
- Listing of each PM's recurrence data of the WON, deferral code, deferral date, description, last successful accomplished PM.

Format to be partnered with the Government.



**TECHNICAL EXHIBIT 2.2.1-020**  
**Government Approval of Cancelled, Re-scheduled, or Deferred**  
**Preventive Maintenance Instruction (PMIs)**

The contractor shall implement an internal process to cancel, defer, or re-schedule preventive maintenance instructions (PMIs). The contractor's deferral process shall meet the following Government requirements:

- The disposition of **“cancelled”** will be handled via the deferral process that requires Government concurrence; a deferral code will be identified for **“cancelled”** for routine preventive maintenance instructions (PMIs) greater than or equal to 20 man-hours (estimated) and for all mission essential, critical, and life safety PMIs. This process does not apply to administratively cancelled PMs due to document errors, JON changes, GL corrections, for which a new PM is going to be generated.
- For PMIs that will not be completed by their target completion date (TCD), the PMI must be either **“re-scheduled”** or **“deferred”** for routine PMIs (over 20 labor-hours estimated for NASA) and for all mission essential, critical, and life safety PMIs.
- If the PMI is to be **“re-scheduled”**, a re-scheduling request must be processed for Government approval of the new completion date (applicable to the PMIs that require Government deferral signatures).
- The completion data of the PMI must be entered into Maximo within seven days of the scheduled completion date. If the completion data cannot be entered for reasons outside of the contractor's control, the reason that the data cannot be entered must be annotated in Maximo within seven days of the scheduled completion date. The scheduled completion date is the TCD unless there is an agreed upon re-scheduled completion date.
- Re-scheduled PMIs will be documented in Maximo (for report retrieval) whether or not the re-scheduling was externally or internally caused.

- All consecutive PMI deferrals will require Government concurrence prior to deferral.
- Definitions:
  - Cancelled PMI: Used when a PMI is cancelled. The status in MAXIMO states, “Cancelled.”
  - Re-scheduled PMI: Used when a PMI is to be performed at a date in between the current TCD and the next scheduled TCD.
  - Deferred PMI: Used when a PMI is to be performed during the next scheduled TCD.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRA CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 493	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. SGS	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 UCFAR-7 AM 9:19		
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.		
<b>Original</b>		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 is to (1) update the contract to add KNPR 8730.2, Quality Assurance Procedural Requirements, which supersedes the Quality Assurance portion of KNPR 8720.1, KSC Reliability, Maintainability, and Quality Assurance Procedural Requirements and (2) add facility TR6-104 back on contract which was inadvertently included on page 4 of the CCR 04-39 requirements list of descoped facilities attached to modification 290.</p> <p>This change revises Attachment J-1, Statement of Work Paragraph 1.4.1 and Attachment J-4, Compliance Documents, as shown on the attached pages. All other terms and conditions of the contract remain unchanged.</p> <p>In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</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 <i>Victoria Lockard</i> (Signature of person authorized to sign)		15C. DATE SIGNED 7 MAR 08	16B. UNITED STATES OF AMERICA <i>E. G. Tweedie</i> (Signature of Contracting Officer)	16C. DATE SIGNED 7 MAR 08

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

contained within those programmatic documents.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRA CODE

PAGE OF PAGES  
1 3

2. AMENDMENT/MODIFICATION NO.  
493

3. EFFECTIVE DATE  
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.  
SGS 00

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE OPOS  
John F. Kennedy Space Center, NASA  
Procurement Office  
Kennedy Space Center, FL 32899

7. ADMINISTERED BY (If other than Item 6) CODE  
UCF FAR -7 AM 9:19

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

Original

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

CODE FACILITY CODE

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.

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  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 no cost modification is to (1) update the contract to add KNPR 8730.2, Quality Assurance Procedural Requirements, which supersedes the Quality Assurance portion of KNPR 8720.1, KSC Reliability, Maintainability, and Quality Assurance Procedural Requirements and (2) add facility TR6-104 back on contract which was inadvertently included on page 4 of the CCR 04-39 requirements list of descope facilities attached to modification 290.

This change revises Attachment J-1, Statement of Work Paragraph 1.4.1 and Attachment J-4, Compliance Documents, as shown on the attached pages. All other terms and conditions of the contract remain unchanged.

In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.

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  
*Victoria Lockard*  
(Signature of person authorized to sign)

15C. DATE SIGNED  
7 MAR 08

16B. UNITED STATES OF AMERICA  
*Ernest G. Tweedie*  
(Signature of Contracting Officer)

16C. DATE SIGNED  
7 MAR 08

The contractor shall respond to requests for an annual Operating Plan, NASA's Program Operating Plan (POP), 45<sup>th</sup> SW Financial Plan (FinPln), and the Air Force Program Objective Memorandum (POM) budget development and other special budget exercises as requested. The contractor shall assist the Air Force and NASA staff in adjusting requirements to meet expected funding availability by identifying the highest priority needs and specifying the operational impact of leaving lower priority requirements unfunded.

### **1.3.6 Reimbursement Policy**

The contractor shall comply with the requirements of the 45<sup>th</sup> Space Wing Instruction 65-601, Reimbursement Policy when advising the CCSMO of direct costs for Range users that can be identified readily with the particular program support.

### **1.3.7 Negotiated Estimated Cost (NEC)**

The contractor shall ensure complete reconciliation of the Operating Plan to the Annual NEC, and the actual cost to the NEC on the same six month schedule as the accounting calendar.

## **1.4 QUALITY AND MISSION ASSURANCE**

The contractor shall establish, implement, and maintain a comprehensive quality and mission assurance (reliability, maintainability, and quality assurance) program that meets programmatic requirements and is effective in the identification and mitigation of risks. The contractor shall establish and maintain a configuration control process for all configured Facility, Systems and Equipment (F/S/E) that is within the contractor's control for design and operations and maintenance as defined in the Configuration Management Data System (CMDS). Risks shall be identified in sufficient time to allow correction or acceptable risk mitigation without programmatic impact.

### **1.4.1 Quality Approach/Continuous Improvement**

The contractor shall establish and implement a quality management system for all services provided under this contract that complies with the guidance in ANSI/ASQC/ISO 9001 2000, KNPR 8720.1 and KNPR 8730.2. The contractor shall assess and benchmark internal processes to improve services and processes to optimize the delivery of services or products to the customer. The approach shall include a disciplined methodology to determine process effectiveness (time or cost savings), a quality improvement plan and implementation schedule for identified deficiencies, and documentation of lessons learned. (Mod 436) (Mod 493)

**1.4.1.1 Product and Service Quality.** The contractor shall identify the requirement for Government Source Inspection for procurements based on the criticality (1, 1R, and 1S) (reference NSTS 22206 for criticality definitions) of the procurement for ground support equipment, cryogenic/hypergolic propellant mission essential equipment, and other procurements identified by the government based on system interface and vendor performance history.

The contractor shall provide and maintain Acceptance Data Packages, test results, analysis reports, inspection records, and delivery logs in accordance with programmatic requirements for hardware, software, and commodity delivery, or transfer to the government. The contractor shall collect and compile data and information to demonstrate that the products and services delivered to the government are in compliance with programmatic requirements and specifications contained within those programmatic documents.

## COMPLIANCE DOCUMENTS

WBS	Document Number	Rev. Date	Document Name	Mod Number
1.1	KNPD 1600.3	03/07	Use of Alcoholic Beverages on Kennedy Space Center (KSC) Property	Mod 453
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	KNPR 8630.3A	07/05	KSC Shuttle Processing Flight Readiness Certification Review and Mission Management Team Support Plan	Mod 436
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	12/04	KSC Safety Practices Procedural Requirements	Mod 348
1.2.1.2	KNPR 8715.3	10-04	KSC Safety Practices Procedural Requirements	Mod 334
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	NSTS 5300.4 (1D-2)	09/97	Safety, Reliability, Maintainability and Quality Provisions for the Space Shuttle Program	Mod 436
1.4.1	KNPR 8720.1	11/04	KSC Reliability, Maintainability, and Quality Assurance Procedural Requirements	Mod 266
1.4.1	KNPR 8730.2	12/07	Quality Assurance Procedural Requirements	Mod 493
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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTF ID CODE	PAGE OF PAGES 1   7
2. AMENDMENT/MODIFICATION NO. 494	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, LLC 1980 N Atlantic Ave, Suite 330 Cocoa Beach, FL 32931		9A. AMENDMENT OF SOLICITATION NO.		
<h1>Original</h1>		9B. DATED (SEE ITEM 11)		
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-99001		
		10B. DATED (SEE ITEM 13) August 21, 1998		
CODE	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers 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.				
1. ACCOUNTING AND APPROPRIATION DATA (If required)				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
A. THIS CHANGE ORDER IS ISSUED PURSUANT 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 modification is to (1) definitize Change Order 467 to provide for an equitable adjustment for the KSC FY08 Security Force Realignment. The performance period for this CCR (07-76) is 1 October 2007 through 30 September 2008. The contract estimated cost and fee is decreased by (\$871,867) in cost and (\$69,749) in fee for a total decrease of (\$941,616) and (2) add award fee amount of \$11,154 (\$3,718 AFP 19 &amp; \$7,436 AFP 20) associated with Contract Article B.5 action CCR 08-16, Addition of ITL Warehouse, issued on December 20, 2007.</p> <p>This change revises Article B-3, Contract Value; Article B-4, Award Fee; Article G-2 Contract Funding and Attachment J-5, Technical Exhibit 3.1.2-03 (Baseline Realignment Posture for FY04-08), as shown on the attached pages. All other terms and conditions of the contract remain unchanged.</p> <p>In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</p>				
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 <i>Victoria Lockard</i> (Signature of person authorized to sign)	15C. DATE SIGNED 15 Jan 08	16B. UNITED STATES OF AMERICA <i>E. G. Tweedie</i> (Signature of Contracting Officer)	16C. DATE SIGNED 16 JAN 08	

<b>ARTICLE B-3 CONTRACT VALUE</b>			
<b>Basic Period Sep 98-30 Sep 03</b>			
The contract value is summarized below:			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
Phase-In Period (FFP) (Sept 1998)	\$1,113,486		1,113,486
<b>Basic Period Thru 493</b>			
10/01/98-09/30/00	\$396,406,378	\$23,187,199	419,593,577
Neg. Cost Overrun MOD 135	\$9,200,000	\$0	9,200,000
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY99-FY00	\$405,606,378	\$23,187,199	428,793,577
(10/01/00-09/30/01)	\$215,635,118	\$13,106,768	228,741,886
Neg. Cost Overrun MOD 135	\$18,804,377	\$0	18,804,377
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY01	\$234,439,495	\$13,106,768	247,546,263
(10/01/01-09/30/02)	\$234,055,207	\$14,098,312	248,153,519
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Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY02	\$253,921,111	\$14,098,312	268,019,423
(10/01/02-09/30/03)	\$247,365,902	\$15,357,411	262,723,313
Neg. Cost Overrun MOD 135	\$22,426,471	\$0	22,426,471
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY03	\$269,792,373	\$15,357,411	285,149,784
<b>TOTAL BASIC PERIOD</b>	<b>\$1,164,872,843</b>	<b>\$65,749,690</b>	<b>1,230,622,533</b>
<b>Option Period 1 Oct 03 - 30 Sept 04</b>			
Option 1A			
(10/01/03-09/30/04)	\$244,075,599	\$15,352,803	259,428,402
Neg. Cost Overrun MOD 135	\$22,135,767	\$0	22,135,767
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY04	\$266,211,366	\$15,352,803	281,564,169
Option 3BA			
(10/01/03-09/30/04)	\$2,322,030	\$185,762	2,507,792
Option 5BA			
(10/01/03-09/30/04)	\$321,092	\$25,687	346,779
<b>TOTAL OPTION 1A PERIOD</b>	<b>\$268,854,488</b>	<b>\$15,564,252</b>	<b>284,418,740</b>

<b>Option Period 1 Oct 04 - 30 Sept 06</b>			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
Options Thru Mod 493			
OPTION 1B			
(10/01/04-09/30/05)	\$278,763,190	\$17,058,749	295,821,939
Neg. Cost Overrun MOD 135	\$25,895,945	\$0	25,895,945
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY05	\$304,659,135	\$17,058,749	321,717,884
(10/01/05-09/30/06)	\$259,760,241	\$13,909,908	273,670,149
Neg. Cost Overrun MOD 135	\$29,101,654	\$0	29,101,654
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY06	\$288,861,895	\$13,909,908	302,771,803
Option 3BB			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
Total Option 3BB	\$4,869,032	\$389,523	5,258,555
Option 5BB			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
Total Option 5BB	\$663,123	\$53,049	716,172
<b>TOTAL OPTION 1B Period</b>	<b>\$599,053,185</b>	<b>\$31,411,229</b>	<b>630,464,414</b>
<b>Option Periods 1 Oct 06 - 30 Sep 08</b>			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
OPTION 1C			
(10/01/06-9/30/07)	\$244,478,710	\$12,795,880	257,274,590
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY07	\$276,345,980	\$12,795,880	289,141,860
(10/01/07-9/30/08)	\$250,416,323	\$16,060,430	266,476,753
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 494</b>	<b>(\$871,867)</b>	<b>(\$58,595)</b>	<b>(930,462)</b>
Total FY08	\$282,993,293	\$16,001,835	298,995,128

	Option Periods 1 Oct 06 - 30 Sep 08 Cont.		
<b>Option 3BC</b>			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
<b>Total Option 3BC</b>	<b>\$5,161,408</b>	<b>\$412,913</b>	<b>5,574,321</b>
<b>Option 4BB</b>			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
<b>Total Option 4BB</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>Option 4BC</b>			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
<b>Total Option 4BC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Option 5BC</b>			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
<b>Total Option 5BC</b>	<b>\$673,715</b>	<b>\$53,897</b>	<b>727,612</b>
<b>TOTAL OPTION 1C Period</b>	<b>\$565,174,396</b>	<b>\$29,264,525</b>	<b>594,438,921</b>
<b>TOTAL CONTRACT</b>			
<b>VALUE SEP98-SEP08</b>	<b>\$2,597,954,912</b>	<b>\$141,989,696</b>	<b>\$2,739,944,608</b>
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

**ARTICLE B-4 AWARD FEE**

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 493	Total Award Fee For Mod 494	Adjusted Available Award Fee	Earned Award Fee Mod 493	Earned Award Fee Mod 494	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,790,689		\$9,790,689	\$9,105,655		\$9,105,655	93%Mod 283
14	04/01/05	09/30/05	\$8,979,160		\$8,979,160	\$8,170,894		\$8,170,894	91%Mod325
15	10/01/05	03/31/06	\$9,117,893		\$9,117,893	\$7,476,674		\$7,476,674	82%Mod350
16	04/01/06	09/30/06	\$8,041,072		\$8,041,072	\$6,658,007		\$6,658,007	82.8%Mod393
17	10/01/06	03/31/07	\$7,783,790		\$7,783,790	\$6,227,030		\$6,227,030	80%Mod430
18	04/01/07	09/30/07	\$8,142,049		\$8,142,049	\$6,798,611		\$6,798,611	83.5%Mod480
19	10/01/07	03/31/08	\$8,431,087	(\$30,852)	\$8,400,235				
20	04/01/08	09/30/08	\$7,866,391	(\$27,743)	\$7,838,648				
<b>GRAND TOTAL</b>			<b>\$158,761,423</b>	<b>(\$58,595)</b>	<b>\$158,702,828</b>		<b>\$0</b>	<b>\$141,989,696</b>	Earned & Available

ARTICLE G-2		CONTRACT FUNDING				
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:						
The below table is created with the beginning values based on modification 478						
<u>As of MOD</u>	<u>Contract Value</u>	<u>Funded Cost</u>	<u>Funded Fee</u>	<u>Total Funded Cost/Fee</u>	<u>ADEQUATE THROUGH</u>	
Subtotal as of Mod 478	\$2,731,539,523	\$2,304,179,622	\$185,351,833	\$2,489,531,455	11/21/2007	
480	(\$1,333,894)					
481	\$1,562,127					
485		\$13,462,728	\$1,077,018	\$ 14,539,746	12/17/2007	
486	\$9,097,049					
487		\$44,216	\$3,537	\$ 47,753	12/17/2007	
488	\$10,265					
489		\$63,572,607	\$5,085,809	\$ 68,658,416	3/12/2008	
490		\$4,417,806	\$353,424	\$ 4,771,230	3/14/2008	
491		\$77,417	\$6,193	\$ 83,610	3/14/2008	
<b>494</b>	<b>(\$930,462)</b>					
<b>TOTAL</b>						
	\$2,739,944,608	\$2,385,754,396	\$191,877,814	\$2,577,632,210		

**J5, Technical Exhibit # 3.1.2-03**  
**Baseline Realignment Security Posture for FY04 – 08**

**FY04-08 Security Posture Baseline - Table**

<b>KSC Security</b>	
<b>Description</b>	<b>Requirement</b>
LC 39 Rover	1/24/7
F Gate/VAB	1/24/7
VAB Protection	1/24/7
OPF Bay 1 Gate	1/16/7
OPF Bay 3 Gate	1/16/7
OPF Protection	1/24/7
LCC Gate E	1/16/7
Facility Rover	1/24/7
Pad A Gate	1/24/7
Pad B Gate	1/24/7
Pad A Rover	1/24/7
Traffic Patrol	1/24/7
SSPF	1/24/7
Escort Unit	1/16/5
Industrial Rover	1/24/7
Gate 3	2/24/7
Gate 2	2/24/4
	2/16/1
Gate 4	2/24/7
River Boat Patrol	1/24/7
Air Boat Patrol	1/24/7
CCAFS E-25 FSA #1	1/16/5
Emergency Response Team	5/24/7
Emergency Response Team Commander	1/8/5
Emergency Response Team Supervisors	3/8/5
K-9 Handlers	1/24/7
Area Supervisor	1/24/7
Resource Protection/(CLS)	2/8/5
Security Training (NFLET) *(CCR03-32 error)	2/8/5
VAB C-Gate	1/10/5
CALEA SOFCC Instructor *(CCR05-22 error)	1/8/5
Test Team	1/24/7; 1/24/5 & 1/8/2

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   7	
2. AMENDMENT/MODIFICATION NO. 495		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)			6. ISSUED BY CODE John F. Kennedy Space Center, NASA Procurement Office Kennedy Space Center, FL 32899		
7. ADMINISTERED BY (If other than Item 6) CODE OPOS			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.			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					
<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.					
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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 4 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
Pursuant to Article B-13, this modification makes a downward adjustment to the annual estimated cost and fee for fiscal year 2007. The total estimated cost for work approved under this article for FY 2007 was less than 90% of the annual estimated contract value necessitating this downward adjustment. This reduces the estimated cost by (\$716,213), annual fee by (\$47,843*) and the estimated contract value (\$764,056).					
This change revises Article B-3, Contract Value; Article B-4, Award Fee; Article G-2, Contract Funding, and Article B-13, NASA/KSC Information Technology/Geographical Information System Applications Development, as shown on the attached pages. All other terms and conditions of the contract remain unchanged.					
In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.					
*The contractor shall credit a future award fee voucher to reflect the decrease resulting from this modification for award fee period 18. Award fee adjusted for this period to reflect earned award fee percentage.					
15A. NAME AND TITLE OF SIGNER (Type or print) Victoria G. Lockard Director, Contracts			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Allan B. Jones Jr. Contracting Officer		
15B. CONTRACTOR/OFFEROR Victoria Lockard (Signature of person authorized to sign)		15C. DATE SIGNED 17 Mar 08		16B. UNITED STATES OF AMERICA Allan B. Jones Jr. (Signature of Contracting Officer)	
				16C. DATE SIGNED 19 Mar 08	

Original

Original

18niph0

18niph0



<b>ARTICLE B-3 CONTRACT VALUE</b>			
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Cost Overrun	\$0	\$0	0
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<b>TOTAL BASIC PERIOD</b>	<b>\$1,164,872,843</b>	<b>\$65,749,690</b>	<b>1,230,622,533</b>
<b>Option Period 1 Oct 03 - 30 Sept 04</b>			
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(10/01/05-09/30/06)	\$259,760,241	\$13,909,908	273,670,149
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Option 3BB			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
Total Option 3BB	\$4,869,032	\$389,523	5,258,555
Option 5BB			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
Total Option 5BB	\$663,123	\$53,049	716,172
<b>TOTAL OPTION 1B Period</b>	<b>\$599,053,185</b>	<b>\$31,411,229</b>	<b>630,464,414</b>
<u>Option Periods 1 Oct 06 - 30 Sep 08</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
OPTION 1C			
(10/01/06-9/30/07)	\$244,478,710	\$12,795,880	257,274,590
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
<b>Mod No. 495</b>	<b>(\$716,213)</b>	<b>(\$47,843)</b>	<b>(764,056)</b>
Total FY07	\$275,629,767	\$12,748,037	288,377,804
(10/01/07-9/30/08)	\$249,544,456	\$16,001,835	265,546,291
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY08	\$282,993,293	\$16,001,835	298,995,128

<b>Option Periods 1 Oct 06 - 30 Sep 08 Cont.</b>			
<b>Option 3BC</b>			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
<b>Total Option 3BC</b>	<b>\$5,161,408</b>	<b>\$412,913</b>	<b>5,574,321</b>
<b>Option 4BB</b>			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
<b>Total Option 4BB</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>Option 4BC</b>			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
<b>Total Option 4BC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Option 5BC</b>			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
<b>Total Option 5BC</b>	<b>\$673,715</b>	<b>\$53,897</b>	<b>727,612</b>
<b>TOTAL OPTION 1C Period</b>	<b>\$564,458,183</b>	<b>\$29,216,682</b>	<b>593,674,865</b>
<b>TOTAL CONTRACT</b>			
<b>VALUE SEP98-SEP08</b>	<b>\$2,597,238,699</b>	<b>\$141,941,853</b>	<b>\$2,739,180,552</b>
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

**ARTICLE B-4 AWARD FEE**

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 494	Total Award Fee For Mod 495	Adjusted Available Award Fee	Earned Award Fee Mod 494	Earned Award Fee Mod 495	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,790,689		\$9,790,689	\$9,105,655		\$9,105,655	93%Mod 283
14	04/01/05	09/30/05	\$8,979,160		\$8,979,160	\$8,170,894		\$8,170,894	91%Mod325
15	10/01/05	03/31/06	\$9,117,893		\$9,117,893	\$7,476,674		\$7,476,674	82%Mod350
16	04/01/06	09/30/06	\$8,041,072		\$8,041,072	\$6,658,007		\$6,658,007	82.8%Mod393
17	10/01/06	03/31/07	\$7,783,790		\$7,783,790	\$6,227,030		\$6,227,030	80%Mod430
18	04/01/07	09/30/07	\$8,142,049	(\$57,297)	\$8,084,752	\$6,798,611	(\$47,843)	\$6,750,768	83.5%Mod480
19	10/01/07	03/31/08	\$8,400,235		\$8,400,235				
20	04/01/08	09/30/08	\$7,838,648		\$7,838,648				
<b>GRAND TOTAL</b>			<b>\$158,702,828</b>	<b>(\$57,297)</b>	<b>\$158,645,531</b>		<b>(\$47,843)</b>	<b>\$141,941,853</b>	Earned & Available

ARTICLE B-13

NASA/KSC INFORMATION  
TECHNOLOGY/GEOGRAPHICAL INFORMATION  
SYSTEM APPLICATIONS DEVELOPMENT

This Article applies to Statement of Work paragraphs 2.1.1.5 and 3.3.1.1 and Technical Exhibits 2.1.1.5-01 and 3.3.1-01. The total value of this contract includes the following values to support NASA/KSC Information Technology/Geographical Information System Applications Development.

<u>Performance Period</u>	<u>Estimated Contract Value</u>	<u>Estimated Cost</u>	<u>Annual Fee</u>
Fiscal Year 2000	\$3,000,000	\$2,777,778	\$222,222
Fiscal Year 2001	\$3,000,000	\$2,777,778	\$222,222
Fiscal Year 2002	\$3,000,000	\$2,777,778	\$222,222
Fiscal Year 2003	\$3,000,000	\$2,777,778	\$222,222
Fiscal Year 2004	\$3,077,446	\$2,849,487	\$227,959
Fiscal Year 2005	\$5,406,803	\$5,006,299	\$400,504
Fiscal Year 2006	\$5,159,678	\$4,777,480	\$382,198
Fiscal Year 2007	<b>\$4,507,567</b>	<b>\$4,173,673</b>	<b>\$333,894</b>
Fiscal Year 2008	\$5,387,622	\$4,988,539	\$399,083

All fee is included in the annual estimated contract value. If the total estimated cost for work approved under this Article is less than 90% of the annual estimated contract value in any government fiscal year, the parties shall negotiate a downward adjustment to estimated cost and fee for the affected year. Value, cost, and fee should not exceed the government fiscal year thresholds established above. (Mod 135) (Mod 235) **(Mod 495)**

2. AMENDMENT/MODIFICATION NO. 496	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200234010	5. PROJECT NO. (if applicable) J-BOSC
6. ISSUED BY CODE	KSC	7. ADMINISTERED BY (if other than item 6) CODE	KSC

NASA/John F. Kennedy Space Center Office of Procurement MAIL CODE OP-OS KENNEDY SPACE CENTER FL 32899	NASA/Kennedy Space Center Office of Procurement MAIL CODE OP-OS-JP ATTN: Bryce Collins KENNEDY SPACE CENTER FL 32899
--	--

8. NAME AND ADDRESS OF CONTRACTOR (Itm., street, county, State and ZIP Code)  SPACE GATEWAY SUPPORT Attn: NONE SPECIFIED 2411 DULLES CORNER PARK STE 800 HERNDON VA 20171-3431	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1099001  10B. DATED (SEE ITEM 11) 08/15/1998
CODE	FACILITY CODE

**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 6 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) Net Increase:  
4200234010

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<b>X</b>	D. OTHER (Specify type of modification and authority) <b>Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22</b>

E. IMPORTANT: Contractor  is not.  is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ 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 unilateral modification is to obligate funding in the amount of \$5,585,721. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through March 17, 2008.  
 This change revises Article G-2, as shown on the attached page.

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)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Timothy M. Freeland
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	(Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 1-18-2008

ARTICLE G-2		CONTRACT FUNDING				
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:						
The below table is created with the beginning values based on modification 478						
As of MOD	Contract Value	Funded Cost	Funded Fee	Total Funded Cost/Fee	ADEQUATE THROUGH	
Subtotal as of Mod 478	\$2,731,539,523	\$2,304,179,622	\$185,351,833	\$2,489,531,455	11/21/2007	
480	(\$1,333,894)					
481	\$1,562,127					
485		\$13,462,728	\$1,077,018	\$ 14,539,746	12/17/2007	
486	\$9,097,049					
487		\$44,216	\$3,537	\$ 47,753	12/17/2007	
488	\$10,265					
489		\$63,572,607	\$5,085,809	\$ 68,658,416	3/12/2008	
490		\$4,417,806	\$353,424	\$ 4,771,230	3/14/2008	
491		\$77,417	\$6,193	\$ 83,610	3/14/2008	
494	(\$930,462)					
495	(\$773,510)					
496		\$5,171,964	\$413,757	\$ 5,585,721	3/17/2008	
<b>TOTAL</b>						
	\$2,739,171,098	\$2,390,926,360	\$192,291,571	\$2,583,217,931		

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (if applicable)  
 497 01/23/2008 4200234776 J-BOSC  
 6. ISSUED BY CODE KSC 7. ADMINISTERED BY (if other than item 6) CODE KSC

NASA/John F. Kennedy Space Center  
 Office of Procurement  
 MAIL CODE OP-OS  
 KENNEDY SPACE CENTER FL 32899

NASA/Kennedy Space Center  
 Office of Procurement  
 MAIL CODE OP-OS-JP  
 ATTN: Bryce Collins  
 KENNEDY SPACE CENTER FL 32899

8. NAME AND ADDRESS OF CONTRACTOR (f/b, street, county, State and ZIP Code)  
 SPACE GATEWAY SUPPORT  
 Attn: NONE SPECIFIED  
 2411 DULLES CORNER PARK STE 800  
 HERNDON VA 20171-3431

9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.  
 NAS1099001  
 10B. DATED (SEE ITEM 11)  
 08/15/1998

CODE FACILITY CODE

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) Net Increase: \$10,077,155  
 4200234776

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

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)  
 X Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22

E. IMPORTANT: Contractor  is not  is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ 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 unilateral modification is to obligate funding in the amount of \$10,077,155. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through March 26, 2008.  
 This change revises Article G-2, as shown on the attached page.

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 Timothy M. Freeland

15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED  
 01/23/2008

(Signature of person authorized to sign) (Signature of Contracting Officer)

ARTICLE G-2		CONTRACT FUNDING				
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:						
The below table is created with the beginning values based on modification 478						
As of MOD	Contract Value	Funded Cost	Funded Fee	Total Funded Cost/Fee	ADEQUATE THROUGH	
Subtotal as of Mod 478	\$2,731,539,523	\$2,304,179,622	\$185,351,833	\$2,489,531,455	11/21/2007	
480	(\$1,333,894)					
481	\$1,562,127					
485		\$13,462,728	\$1,077,018	\$ 14,539,746	12/17/2007	
486	\$9,097,049					
487		\$44,216	\$3,537	\$ 47,753	12/17/2007	
488	\$10,265					
489		\$63,572,607	\$5,085,809	\$ 68,658,416	3/12/2008	
490		\$4,417,806	\$353,424	\$ 4,771,230	3/14/2008	
491		\$77,417	\$6,193	\$ 83,610	3/14/2008	
494	(\$930,462)					
495	(\$773,510)					
496		\$5,171,964	\$413,757	\$ 5,585,721	3/17/2008	
497		\$9,330,699	\$746,456	\$ 10,077,155	3/26/2008	
<b>TOTAL</b>						
	\$2,739,171,098	\$2,400,257,059	\$193,038,027	\$2,593,295,086		

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)  
 498 02/15/2008 4200238099 J-BOSC

6. ISSUED BY CODE 7. ADMINISTERED BY (If other than Item 6) CODE  
 KSC KSC  
 NASA/John F. Kennedy Space Center  
 Office of Procurement  
 MAIL CODE OP-OS  
 KENNEDY SPACE CENTER FL 32899  
 NASA/Kennedy Space Center  
 Office of Procurement  
 MAIL CODE OP-OS-JP  
 ATTN: Bryce Collins  
 KENNEDY SPACE CENTER FL 32899

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 SPACE GATEWAY SUPPORT  
 Attn: NONE SPECIFIED  
 2411 DULLES CORNER PARK STE 800  
 HERNDON VA 20171-3431  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO.  
 NAS1099001  
 10B. DATED (SEE ITEM 11)  
 08/15/1998  
 CODE FACILITY CODE

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) Net Increase: \$29,488,007  
 4200238099

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  
 CHECK ONE  
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation 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:  
 D. OTHER (Specify type of modification and authority)  
 X Unilateral Mod/ Contract Article G-2, Contract Funding, and FAR 52.232-22

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ 0 \_\_\_\_\_ 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 unilateral modification is to obligate funding in the amount of \$29,488,007. These funds, when added to the amount already obligated on the contract, are estimated to be adequate for contract performance through April 29, 2008.  
 This change revises Article G-2, as shown on the attached page.

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) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED  
 \_\_\_\_\_ Bryce D. Collins  
 \_\_\_\_\_ (Signature of person authorized to sign) \_\_\_\_\_ (Signature of Contracting Officer)  
 2-15-08

ARTICLE G-2		CONTRACT FUNDING				
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:						
The below table is created with the beginning values based on modification 478						
As of MOD	Contract Value	Funded Cost	Funded Fee	Total Funded Cost/Fee	ADEQUATE THROUGH	
Subtotal as of Mod 478	\$2,731,539,523	\$2,304,179,622	\$185,351,833	\$2,489,531,455	11/21/2007	
480	(\$1,333,894)					
481	\$1,562,127					
485		\$13,462,728	\$1,077,018	\$ 14,539,746	12/17/2007	
486	\$9,097,049					
487		\$44,216	\$3,537	\$ 47,753	12/17/2007	
488	\$10,265					
489		\$63,572,607	\$5,085,809	\$ 68,658,416	3/12/2008	
490		\$4,417,806	\$353,424	\$ 4,771,230	3/14/2008	
491		\$77,417	\$6,193	\$ 83,610	3/14/2008	
494	(\$930,462)					
495	(\$764,056)					
496		\$5,171,964	\$413,757	\$ 5,585,721	3/17/2008	
497		\$9,330,699	\$746,456	\$ 10,077,155	3/26/2008	
498		\$27,303,710	\$2,184,297	\$ 29,488,007	4/29/2008	
<b>TOTAL</b>						
	\$2,739,180,552	\$2,427,560,769	\$195,222,324	\$2,622,783,093		

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRAC CODE	PAGE OF PAGES 1   6
2. AMENDMENT/MODIFICATION NO. <b>499</b>	3. EFFECTIVE DATE <b>See Block 16c</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)	
6. ISSUED BY <b>John F. Kennedy Space Center, NASA Procurement Office Kennedy Space Center, FL 32899</b>		CODE <b>OPOS</b>	7. ADMINISTERED BY (if other than item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) <b>Space Gateway Support 2411 Dulles Corner Park, Suite 500 Herndon, VA 20171-3430</b>			9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS10-99001</b>	
			10B. DATED (SEE ITEM 13) <b>August 21, 1998</b>	
CODE	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
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.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) <b>See Contracting Officer for current Accounting &amp; Appropriation Data</b>				
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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
XX C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>FAR 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984)</b>				
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 <u>3</u> 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 modification is to provide an equitable adjustment to the contract for FY07 Launch Scrub and Delay Costs of the Space Transportation System (STS/Shuttle). This work is defined in CIP 103, performance period of 1 Oct 2006 through 30 Sep 2007.</p> <p>This change revises Article B-3, Contract Value; Article B-4, Award Fee; Article G-2 Contract Funding. All other terms and conditions of the contract remain unchanged.</p> <p>The contract estimated cost is increased by \$759,528 and award fee by \$60,762, for a total of \$820,290. Award fee adjusted to reflect earned award fee for period 17 and 18 is \$49,290 for a total cost and earned award fee of \$808,818.</p> <p>In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.</p>				
15A. NAME AND TITLE OF SIGNER (Type or print) <b>Victoria G. Lockard Director, Contracts</b>			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Timothy M. Freeland Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR <i>Victoria Lockard</i> (Signature of person authorized to sign)	15C. DATE SIGNED <i>Feb 28, 08</i>	16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED <i>2-28-08</i>	

<b>ARTICLE B-3 CONTRACT VALUE</b>			
<b>Basic Period Sep 98-30 Sep 03</b>			
The contract value is summarized below.			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
Phase-In Period (FFP) (Sept 1998)	\$1,113,486		1,113,486
<b>Basic Period Thru 493</b>			
10/01/98-09/30/00	\$396,406,378	\$23,187,199	419,593,577
Neg. Cost Overrun MOD 135	\$9,200,000	\$0	9,200,000
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY99-FY00</b>	<b>\$405,606,378</b>	<b>\$23,187,199</b>	<b>428,793,577</b>
(10/01/00-09/30/01)	\$215,635,118	\$13,106,768	228,741,886
Neg. Cost Overrun MOD 135	\$18,804,377	\$0	18,804,377
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY01</b>	<b>\$234,439,495</b>	<b>\$13,106,768</b>	<b>247,546,263</b>
(10/01/01-09/30/02)	\$234,055,207	\$14,098,312	248,153,519
Neg. Cost Overrun MOD 135	\$19,865,904	\$0	19,865,904
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY02</b>	<b>\$253,921,111</b>	<b>\$14,098,312</b>	<b>268,019,423</b>
(10/01/02-09/30/03)	\$247,365,902	\$15,357,411	262,723,313
Neg. Cost Overrun MOD 135	\$22,426,471	\$0	22,426,471
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY03</b>	<b>\$269,792,373</b>	<b>\$15,357,411</b>	<b>285,149,784</b>
<b>TOTAL BASIC PERIOD</b>	<b>\$1,184,872,843</b>	<b>\$65,749,690</b>	<b>1,230,622,533</b>
<b>Option Period 1 Oct 03 - 30 Sept 04</b>			
Option 1A			
(10/01/03-09/30/04)	\$244,075,599	\$15,352,803	259,428,402
Neg. Cost Overrun MOD 135	\$22,135,767	\$0	22,135,767
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
<b>Total FY04</b>	<b>\$266,211,366</b>	<b>\$15,352,803</b>	<b>281,564,169</b>
Option 3BA			
(10/01/03-09/30/04)	\$2,322,030	\$185,762	2,507,792
Option 5BA			
(10/01/03-09/30/04)	\$321,092	\$25,687	346,779
<b>TOTAL OPTION 1A PERIOD</b>	<b>\$268,854,488</b>	<b>\$15,564,252</b>	<b>284,418,740</b>

<b>Option Period 1 Oct 04 - 30 Sept 06</b>			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
<b>Options Thru Mod 493</b>			
<b>OPTION 1B</b>			
(10/01/04-09/30/05)	\$278,763,190	\$17,058,749	295,821,939
Neg. Cost Overrun MOD 135	\$25,895,945	\$0	25,895,945
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
<b>Total FY05</b>	<b>\$304,659,135</b>	<b>\$17,058,749</b>	<b>321,717,884</b>
(10/01/05-09/30/06)	\$259,760,241	\$13,909,908	273,670,149
Neg. Cost Overrun MOD 135	\$29,101,654	\$0	29,101,654
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
<b>Total FY06</b>	<b>\$288,861,895</b>	<b>\$13,909,908</b>	<b>302,771,803</b>
<b>Option 3BB</b>			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
<b>Total Option 3BB</b>	<b>\$4,869,032</b>	<b>\$389,523</b>	<b>5,258,555</b>
<b>Option 5BB</b>			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
<b>Total Option 5BB</b>	<b>\$663,123</b>	<b>\$53,049</b>	<b>716,172</b>
<b>TOTAL OPTION 1B Period</b>	<b>\$599,053,185</b>	<b>\$31,411,229</b>	<b>630,464,414</b>
<b>Option Periods 1 Oct 06 - 30 Sep 08</b>			
<b>Contract Period</b>	<b>Estimated Cost</b>	<b>Available Award Fee*</b>	<b>Contract Value</b>
<b>OPTION 1C</b>			
(10/01/06-9/30/07)	\$243,762,497	\$12,748,037	256,510,534
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No. 499	\$608,325	\$33,043	641,368
<b>Total FY07</b>	<b>\$276,238,092</b>	<b>\$12,781,080</b>	<b>289,019,172</b>
(10/01/07-9/30/08)	\$249,544,456	\$16,001,835	265,546,291
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No. 499	\$151,203	\$16,247	167,450
<b>Total FY08</b>	<b>\$283,144,496</b>	<b>\$16,018,082</b>	<b>299,162,578</b>

<b>Option Periods 1 Oct 06 - 30 Sep 08 Cont.</b>			
<b>Option 3BC</b>			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
<b>Total Option 3BC</b>	<b>\$5,161,408</b>	<b>\$412,913</b>	<b>5,574,321</b>
<b>Option 4BB</b>			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
<b>Total Option 4BB</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>
<b>Option 4BC</b>			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
<b>Total Option 4BC</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Option 5BC</b>			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
<b>Total Option 5BC</b>	<b>\$673,715</b>	<b>\$53,897</b>	<b>727,612</b>
<b>TOTAL OPTION 1C Period</b>	<b>\$565,217,711</b>	<b>\$29,265,972</b>	<b>594,483,683</b>
<b>TOTAL CONTRACT</b>			
<b>VALUE SEP98-SEP08</b>	<b>\$2,597,998,227</b>	<b>\$141,991,143</b>	<b>\$2,739,989,370</b>
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

**ARTICLE B-4 AWARD FEE**

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 495	Total Award Fee For Mod 499	Adjusted Available Award Fee	Earned Award Fee Mod 495	Earned Award Fee Mod 499	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,790,689		\$9,790,689	\$9,105,655		\$9,105,655	93%Mod 283
14	04/01/05	09/30/05	\$8,979,160		\$8,979,160	\$8,170,894		\$8,170,894	91%Mod325
15	10/01/05	03/31/06	\$9,117,893		\$9,117,893	\$7,476,674		\$7,476,674	82%Mod350
16	04/01/06	09/30/06	\$8,041,072		\$8,041,072	\$6,658,007		\$6,658,007	82.8%Mod393
17	10/01/06	03/31/07	\$7,783,790	\$41,304	\$7,825,094	\$6,227,030	\$33,043	\$6,260,073	80%Mod430
18	04/01/07	09/30/07	\$8,084,752	\$19,458	\$8,104,210	\$6,750,768	\$16,247	\$6,767,015	83.5%Mod480
19	10/01/07	03/31/08	\$8,400,235		\$8,400,235				
20	04/01/08	09/30/08	\$7,838,648		\$7,838,648				
<b>GRAND TOTAL</b>			<b>\$158,645,531</b>	<b>\$60,762</b>	<b>\$158,706,293</b>		<b>\$49,290</b>	<b>\$141,991,143</b>	<b>Earned &amp; Available</b>



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   2				
2. AMENDMENT/MODIFICATION NO. <b>500</b>		3. EFFECTIVE DATE <b>See Block 16c</b>		4. REQUISITION/PURCHASE REQ. NO.				
5. PROJECT NO. (if applicable)		6. ISSUED BY CODE <b>OPOS</b> 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 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. <b>NAS10-99001</b>					
			10B. DATED (SEE ITEM 13) <b>August 21, 1998</b>					
CODE	FACILITY CODE							
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>								
<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.								
12. ACCOUNTING AND APPROPRIATION DATA (if required) <b>See Contracting Officer for current Accounting &amp; Appropriation Data</b>								
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>								
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>XX</b> 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: <b>FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984)</b>								
D. OTHER (Specify type of modification and authority)								
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return <u>3</u> 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 no cost modification is to update Contract Article G-3 to reflect a change in the payment office effective <b>April 1 2008</b> .  Article G-3, NFS 1852.216-87 Submission of Vouchers for Payment, is hereby amended as follows:  <table border="0"> <tr> <td>NASA/KSC General Accounting A/P GG-B-C2 Kennedy Space Center, FL 32899</td> <td>is DELETED and REPLACED with</td> <td>Financial Management Division (FMD) – Accounts Payable Bldg 111, Road C Stennis Space Center, MS 38529 Email : <a href="mailto:NSSC-AccountsPayable@nasa.gov">NSSC-AccountsPayable@nasa.gov</a> Fax: 866-779-6772</td> </tr> </table> This change revises Contract Article G-3 as shown on the attached pages. All other terms and conditions of the contract remain unchanged.  In consideration of the modification agreed to herein as complete equitable adjustment for the contractor's proposal for adjustment, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustments attributable to such facts and circumstances giving rise to the proposal for adjustment.						NASA/KSC General Accounting A/P GG-B-C2 Kennedy Space Center, FL 32899	is DELETED and REPLACED with	Financial Management Division (FMD) – Accounts Payable Bldg 111, Road C Stennis Space Center, MS 38529 Email : <a href="mailto:NSSC-AccountsPayable@nasa.gov">NSSC-AccountsPayable@nasa.gov</a> Fax: 866-779-6772
NASA/KSC General Accounting A/P GG-B-C2 Kennedy Space Center, FL 32899	is DELETED and REPLACED with	Financial Management Division (FMD) – Accounts Payable Bldg 111, Road C Stennis Space Center, MS 38529 Email : <a href="mailto:NSSC-AccountsPayable@nasa.gov">NSSC-AccountsPayable@nasa.gov</a> Fax: 866-779-6772						
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
			<b>Timothy M. Freeland Contracting Officer</b>					
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY 				
(Signature of person authorized to sign)				(Signature of Contracting Officer)				
				16C. DATE SIGNED <b>2-28-08</b>				

**ARTICLE G-3      NFS 1852.216-87 SUBMISSION OF VOUCHERS FOR PAYMENT**  
**(DEC 1988)**

- A. Public vouchers for payment of costs shall include a reference to this Contract No. NAS10-99001 and be forwarded through the cognizant DCAA office to: **(Mod 122)**

**Financial Management Division (FMD) – Accounts Payable**  
**Bldg 111, Road C**  
**Stennis Space Center, MS 38529**  
**Email : [NSSC-AccountsPayable@nasa.gov](mailto:NSSC-AccountsPayable@nasa.gov)**  
**Fax: 866-779-6772**

**Mod (500)**

This is the designated billing office for cost vouchers for purposes of the prompt payment clause of this contract.

- B. The contractor shall prepare vouchers as follows:
1. One original Standard Form SF 1034, SF 1035, or equivalent contractor's attachment.
  2. Seven copies of SF 1034A, SF 1035A, or equivalent contractor's attachment.
  3. The contractor shall mark SF 1034A copies 1, 2, 3, 4, and such other copies as may be directed by the contracting officer by insertion in the memorandum block the names and addresses as follows:
    - a. Copy 1, NASA Contracting Officer
    - b. Copy 2, Auditor
    - c. Copy 3, Contractor
    - d. Copy 4, Contract administration office
    - e. Copy 5, Project management office
- C. Public vouchers for payment of provisional award fee shall be prepared similarly and be forwarded to:

John F. Kennedy Space Center, NASA  
Attn: Contracting Officer  
JP  
Kennedy Space Center, FL 32899

This is the designated billing office for fee vouchers for purposes of the prompt payment clause of this contract.

- D. 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.