

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO 000001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ NO	5. PROJECT NO (If applicable)
6. ISSUED BY NASA/John F. Kennedy Space Center Office of Procurement Mail Code OP-MS 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-MS Kennedy Space Center FL 32899	CODE KSC
8. NAME AND ADDRESS OF CONTRACTOR (No street, county, State and ZIP Code) SPACE X 1 ROCKET RD HAWTHORNE CA 90250-6844		(x) 9A. AMENDMENT OF SOLICITATION NO	9B. DATED (SEE ITEM 11)
CODE 3BVL8	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO NNK14MA74C	10B. DATED (SEE ITEM 13) 09/16/2014

**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)

**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)
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.233-3, Protest After Award
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor is not  is required to sign this document and return 1 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 bilateral modification is to revise the following within Attachment J-03, Appendix A:

- Certification Base Line Review (CBR) Interim Milestone "Planned Start Date and Completion Date" changed from November 2014 to December 2014.

As a result of the above, the following page is deleted and replacement attached to this modification: Attachment J-03, Appendix A, pages 2.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <b>Julie A. Jiru, Contracts Officer</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Brian S. Hinerth
15B. CONTRACTOR/OFFEROR [Redacted]	15C. DATE SIGNED 26 NOV 14
15D. UNITED STATES OF AMERICA [Redacted]	16C. DATE SIGNED 12-1-2014

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
NNK14MA74C/000001

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NAME OF OFFEROR OR CONTRACTOR  
SPACE X

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>In consideration of the modification(s) agreed to herein, and described as complete equitable adjustments in delivery schedule for the Contractor's Certification Baseline Review (CBR) Interim Milestones, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the Proposed delivery schedule adjustment.</p> <p>Payment Terms: Net 15 days</p>				

**Certification Baseline Review (CBR) Interim Milestone****Amount:** \$ [REDACTED]**Planned Start Date and Completion Date (mo/yr):** December 2014

**Data/Data Requirement Deliverables (DRDs) to be provided:** DRD 001, DRD 002, DRD 101, DRD 102, DRD 107, DRD 108, DRD 109, DRD 201, DRD 203, DRD 205, DRD 206, Key Performance Design Parameters Matrix, SSP 50833 COTS Cargo Interface Requirements Document, SSP 50977 ISS to COTS ICD for SpaceX Commercial Crew Transpiration System, Joint Integrated Verification Test Plan (JiVTP), BDEALS, BSHEALS, Concept of Operations Document, Crew Dragon Design Document, Falcon 9 Design Document, Dragon Software Requirements Baseline Document, Falcon Software Requirements Baseline Document, Software Design and Capabilities Baseline, Crew Dragon Schematics, Falcon 9 Schematics, Crew Dragon Bill of Materials, Falcon 9 Bill of Materials, Crew Dragon Thermal Analysis, Falcon 9 CAD Models, Crew Dragon CAD Models, System Safety Process, Human Error Analysis, Integrated Probabilistic Safety Analysis, Hazard Report Status, Fault Tolerance Assessment, Crew Survival Strategy, Margin Management Report, Crew Training Template, Crew Master Task List, Crew Task Analysis, Crew Workload and Usability Evaluations, Crew-In-The-Loop Test Plan, Risk Management Status, Final Management Plans and Products

**Delivery of Data/DRDs (mo/yr):** NLT 45 days before milestone reference **DRD 101 Milestone Review Plan**

**Objective:** At a NASA and Contractor co-chaired Certification Baseline Review (CBR) completed within ninety (90) days of contract start, the Contractor shall:

- (a) Identify the Baseline requirements, including the allocation to the Elements and Subsystems of the CTS, incorporating the results of NASA's guidance provided under Certification Products Contract (CPC) (if applicable), which meet NASA's requirements defined in CCT-REQ-1130, *ISS Crew Transportation and Services Requirements Document* and SSP 50808, *International Space Station (ISS) to Commercial Orbital Transportation Services (COTS) Interface Requirements Document*.
- (b) Identify the current Crew Transportation System (CTS) design baseline.
- (c) Document management plans and products incorporating the results of NASA's disposition provided under Certification Products Contract (CPC) (if applicable), to meet requirements in the CCT-PLN-1120, *Crew Transportation Technical Management Processes*.
- (d) Define the plan and schedule to complete Design, Development, Test, and Evaluation (DDTE) and certification for the CTS design, production, and operations.
- (e) Define top safety, technical, cost and schedule risks based on most current CTS design.