

2. AMENDMENT/MODIFICATION NO. 000001	3. EFFECTIVE DATE 09/26/2012	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (If applicable)
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6. ISSUED BY NASA/Marshall Space Flight Center Office of Procurement PS33/Bobby J. Holden Marshall Space Flight Center AL 35812	7. ADMINISTERED BY (If other than Item 6) NASA/Marshall Space Flight Center PS33/Bobby J. Holden 256-544-5417 Bobby.J.Holden@nasa.gov Marshall Space Flight Center AL 35812
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) A S I 350 VOYAGER WAY NW HUNTSVILLE AL 35806-3200	(x) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNM12AA53C 10B. DATED (SEE ITEM 13) 08/16/2012
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CODE 0Z229 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)
See Schedule

Net Increase: \$1,421,713.00

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:
X	D. OTHER (Specify type of modification and authority) 1852.232-77, Limitation of Funds

E. 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 modification is to:

1. Increase Total funds Allotted in the amount of \$1,421,713 from \$365,000 to \$1,786,713. The anticipated fund through date is changed from October 12, 2012 to March 15, 2013.
 2. Slip sheets to the contract are provided with sidebars indicating change.
- H.6, Limitation of Funds (Fixed Price Contract) (MAR 1989), Page H-8.
3. All other terms and conditions remain unchanged and in full force and effect.

Continued ...

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) Bobby J Holden		
16B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. LIMITED STATES OF AMERICA <i>Bobby J Holden</i> (Signature of Contracting Officer)	16C. DATE SIGNED 09/26/2012

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES: Reason for Modification : Funding Only Action New Total Amount for this Version: \$13,722,753.00 New Total Amount for this Award: \$51,586,903.00 Obligated Amount for this Modification: \$1,421,713.00 New Total Obligated Amount for this Award: \$1,786,713.00 Incremental Funded Amount changed: from \$365,000.00 to \$1,786,713.00</p> <p>Obligated Amount for this modification: \$1,353,713.00</p> <p>Incrementally Funded through date changed from 10/12/2012 to 03/15/2013</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>PR # 4200453191</p> <p>Account code: 62ZP11/6100.2511/62/FC000000/389018.02.14.01.04/00 0/2510/62/SCEX22012D/389A/1/2 Cost Center 62ZP11 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$72,000.00</p> <p>PR #4200452570</p> <p>Account code: 62ZP30/6100.2511/62/FC000000/114772.09.08/000/2510 /62/SPTX22012D/277J/1/2 Cost Center 62ZP30 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$3,000.00</p> <p>Account code: 62ZP30/6100.2511/62/FC000000/694066.01.08.01/000/2 510/62/SPTX22012D/425W/2/233 Cost Center 62ZP30 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$10,377.00 Continued ...</p>				

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	Account code: 62ZP30/6100.2511/62/FC000000/295670.01.08.01/000/2 510/62/SPTX22012D/277J/3/333 Cost Center 62ZP30 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$1,630.00				
	Account code: 62FP21/6100.2511/62/FC000000/714607.01.05.01/000/2 510/62/SCEX22012D/881D/4/432 Cost Center 62FP21 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$23,600.00				
	NEW ACCOUNTING CODE ADDED: Account code: 62FP22/6100.2511/FC000000/956220.01.01.05.02.0/2/0 00/2510/62/EXPX22012D/547E Cost Center 62FP22 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$49,315.00				
	Account code: 62XP03/6100.2511/62/FC000000/573754.01.02.05.04/00 0/2510/62/EXPX22012D/719V/6/627 Cost Center 62XP03 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$7,000.00				
	Account code: 62CS20/6100.2511/62/FC000000/709031.02.08.03/000/2 510/62/EXPX22012D/719V/7/723 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$6,998.00				
	Account code: 62CS20/6100.2511/62/FC000000/736466.01.04.08.02/00 Continued ...				

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	0/2510/62/CASX12012D/361N/8/818 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$10,000.00 Account code: 62FP22/6100.2511/62/FC000000/475053.01.08.05/000/2 510/62/SPTX22012D/277J/9/819 Cost Center 62FP22 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$101,000.00 PR # 4200452568 Account code: 62FP21/6100.2511/62/FC000000/714607.01.05.01/000/2 510/62/SCEX22012D/881D/1/2 Cost Center 62FP21 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$43,400.00 NEW ACCOUNTING CODE ADDED: Account code: 62CS30/6100.2511/62/FC000000/383807.02.01.05/000/2 510/62/SCEX22012D/728A/2/3 Cost Center 62CS30 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$13,000.00 Account code: 62CS20/6100.2511/62/FC000000/585777.01.01.02/000/2 510/62/EXPX22012D/719V/3/4 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$32,998.00 Account code: 62CS30/6100.2511/62/FC000000/811073.02.14.02.73/00 0/2510/62/SCEX22012D/515A/4/5 Cost Center 62CS30 Continued ...				

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$52,269.00 NEW ACCOUNTING CODE ADDED: Account code: 62ZP30/6100.2511/62/FC000000/295670.01.08.01/000/2 510/62/SPTX22012D/277J/5/6 Cost Center 62ZP30 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$3,080.00 Account code: 62E003/6100.2511/62/FC000000/769347.05.08.07.01.0/ 1/000/2510/62/EXCX22012D/733B/6/7 Cost Center 62E003 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$35,000.00 Account code: 62CS20/6100.2511/62/FC000000/709031.02.08.03/000/2 510/62/EXPX22012D/719V/7/8 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$16,000.00 Account code: 62XP03/6100.2511/62/FC000000/585777.01.01.02/000/2 510/62/EXPX22012D/719V/8/9 Cost Center 62XP03 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$149,000.00 PR # 4200453395 Account code: 62CS01/6100.2511/62/FC000000/736466.01.04.08.01/00 0/2510/62/CASX12012D/361N/1/2 Cost Center 62CS01 GI Account 6100.2511 Order FC000000 Continued ...				

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Quantity: 0 Amount: \$296,951.00 NEW ACCOUNTING CODE ADDED: Account code: 62CS01/6100.2511/62/FC000000/736466.01.04.08.02/00 0/2510/62/CASX12012D/361N/2/3 Cost Center 62CS01 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$316,743.00 Account code: 62CS01/6100.2511/62/FC000000/736466.01.08.08.04/00 0/2510/62/CASX12012D/361N/3/4 Cost Center 62CS01 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$82,727.00 Account code: 62CS20/6100.2511/62/FC000000/725932.08.01.02.06/00 0/2510/62/EXCX22012D/421A/4/5 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$3,625.00 Account code: 62CS20/6100.2511/62/FC000000/573754.11.08/000/2510 /62/EXPX22012D/719V/5/6 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$24,000.00 PR #4200452531 Accounting Info: 62ZP30/6100.2511/62/FC000000/114772.09.08/000/2510 /62/SPTX22012D/277J/1/2 Cost Center: 62ZP30 GI Account: 6100.2511 Order: FC000000 WBS Element1: 114772.09.08 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SPTX22012D Functional Area: 277J Funded: \$4,000.00 Continued ...				

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Accounting Info: 62ZP30/6100.2511/62/FC000000/694066.01.08.01/000/2510/62/SPTX22012D/425W/2/3 Cost Center: 62ZP30 GI Account: 6100.2511 Order: FC000000 WBS Element1: 694066.01.08.01 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SPTX22012D Functional Area: 425W Funded: \$4,000.00</p> <p>Accounting Info: 62FP21/6100.2511/62/FC000000/714607.01.05.01/000/2510/62/SCEX22012D/881D/3/4 Cost Center: 62FP21 GI Account: 6100.2511 Order: FC000000 WBS Element1: 714607.01.05.01 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SCEX22012D Functional Area: 881D Funded: \$10,000.00</p> <p>Accounting Info: 62FP22/6100.2511/62/FC000000/465372.01.08.05/000/2510/62/SPTX22012D/334L/4/5 Cost Center: 62FP22 GI Account: 6100.2511 Order: FC000000 WBS Element1: 465372.01.08.05 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SPTX22012D Functional Area: 334L Funded: \$5,000.00</p> <p>Accounting Info: 62CS20/6100.2511/62/FC000000/735248.01.08/000/2510/62/AERX22012D/071M/5/6 Cost Center: 62CS20 GI Account: 6100.2511 Order: FC000000 WBS Element1: 735248.01.08 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: AERX22012D Functional Area: 071M Funded: \$15,000.00</p> <p>Accounting Info: 62EO03/6100.2511/62/FC000000/769347.05.08.07.01.0/1/000/2510/62/EXCX22012D/733B/6/7 Cost Center: 62EO03 GI Account: 6100.2511 Order: FC000000 WBS Element1: 769347.05.08.07.01.0 WBS Element2: 1 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: EXCX22012D Functional Area: 733B Funded: \$5,000.00</p> <p>Accounting Info: Continued ...</p>				

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>62XP03/6100.2511/62/FC000000/585777.01.01.02/000/2 510/62/EXPX22012D/719V/7/8 Cost Center: 62XP03 GI Account: 6100.2511 Order: FC000000 WBS Element1: 585777.01.01.02 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: EXPX22012D Functional Area: 719V Funded: \$15,000.00</p> <p>Accounting Info: 62CS01/6100.2511/62/FC000000/736466.01.04.08.01/00 0/2510/62/CASX12012D/361N/8/9 Cost Center: 62CS01 GI Account: 6100.2511 Order: FC000000 WBS Element1: 736466.01.04.08.01 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: CASX12012D Functional Area: 361N Funded: \$10,000.00</p> <p>Payment Terms: Net 30 days FOB: Destination</p>				
017	<p>Mission Base Travel and Training Obligations Incrementally Funded Amount: (b)(4) Requisition No: 4200452531</p> <p>Accounting Info: 62ZP30/6100.2511/62/FC000000/114772.09.08/000/2510 /62/SPTX22012D/277J/1/2 Cost Center: 62ZP30 GI Account: 6100.2511 Order: FC000000 WBS Element1: 114772.09.08 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SPTX22012D Functional Area: 277J Funded: \$4,000.00</p> <p>Accounting Info: 62ZP30/6100.2511/62/FC000000/694066.01.08.01/000/2 510/62/SPTX22012D/425W/2/3 Cost Center: 62ZP30 GI Account: 6100.2511 Order: FC000000 WBS Element1: 694066.01.08.01 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SPTX22012D Functional Area: 425W Funded: \$4,000.00</p> <p>Accounting Info: 62FP21/6100.2511/62/FC000000/714607.01.05.01/000/2 510/62/SCEX22012D/881D/3/4 Cost Center: 62FP21 GI Account: 6100.2511 Order: FC000000 WBS Element1: 714607.01.05.01 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SCEX22012D Functional Area: 881D Continued ...</p>				(b)(4)

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	Funded: \$10,000.00 Accounting Info: 62FP22/6100.2511/62/FC000000/465372.01.08.05/000/2510/62/SPTX22012D/334L/4/5 Cost Center: 62FP22 GI Account: 6100.2511 Order: FC000000 WBS Element1: 465372.01.08.05 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: SPTX22012D Functional Area: 334L Funded: \$5,000.00 Accounting Info: 62CS20/6100.2511/62/FC000000/735248.01.08/000/2510/62/AERX22012D/071M/5/6 Cost Center: 62CS20 GI Account: 6100.2511 Order: FC000000 WBS Element1: 735248.01.08 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: AERX22012D Functional Area: 071M Funded: \$15,000.00 Accounting Info: 62EO03/6100.2511/62/FC000000/769347.05.08.07.01.0/1/000/2510/62/EXCX22012D/733B/6/7 Cost Center: 62EO03 GI Account: 6100.2511 Order: FC000000 WBS Element1: 769347.05.08.07.01.0 WBS Element2: 1 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: EXCX22012D Functional Area: 733B Funded: \$5,000.00 Accounting Info: 62XP03/6100.2511/62/FC000000/585777.01.01.02/000/2510/62/EXPX22012D/719V/7/8 Cost Center: 62XP03 GI Account: 6100.2511 Order: FC000000 WBS Element1: 585777.01.01.02 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: EXPX22012D Functional Area: 719V Funded: \$15,000.00 Accounting Info: 62CS01/6100.2511/62/FC000000/736466.01.04.08.01/000/2510/62/CASX12012D/361N/8/9 Cost Center: 62CS01 GI Account: 6100.2511 Order: FC000000 WBS Element1: 736466.01.04.08.01 Item Number: 000 Commitment Item: 2510 Funds Center: 62 Fund: CASX12012D Functional Area: 361N Funded: \$10,000.00				

performed on-site at Marshall Space Flight Center (MSFC), where the foreign person will have access to export-controlled technical data or software.

(c) The Contractor shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

(d) The Contractor shall be responsible for ensuring that the provisions of this clause apply to its subcontractors.

(End of Clause)

**H.6 1852.232-77 LIMITATION OF FUNDS (FIXED- PRICE CONTRACT)
(MAR 1989)**

(a) Of the total price of FFP Mission Services, the sum of \$1,786,713 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule, until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS	
Date: TBD	Amounts: TBD

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) of this clause up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c) (1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until March 15, 2013.

(2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.

(3) (i) The notice shall state the estimate when the point referred to in paragraph (c) (2) of this clause will be reached and the estimated amount of additional funds required to continue