

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. 000049	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA/Marshall Space Flight Center Procurement Office Marshall Space Flight Center AL 35812	CODE MSFC	7. ADMINISTERED BY (If other than Item 6) Audrey McMillan Procurement Office/PS33 NASA/Marshall Space Flight Center Phone: 256-961-1339 Email: audrey.r.mcmillan@nasa.gov Marshall Space Flight Center AL 35812	CODE MSFC
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) WJ SCHAFER ASSOCIATES Attn: Ann Mix 7057 Old Madison Pike Suite 200 Huntsville AL 35806		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 8F406	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNM07AA70C	10B. DATED (SEE ITEM 13) 03/20/2007

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: \$195,818.00
 See Schedule

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

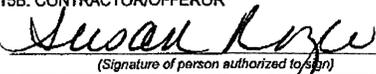
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) 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: 52.243-2 Changes - Cost Reimbursement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 2 copies to the issuing office.

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

1. The purposes of this modification are to:
- a) Increase Estimated Materials Cost in the amount of \$524,250, from \$6,882,981 to \$7,407,231; thereby increasing the total Current Contract Value from \$43,008,951 to \$43,533,201;
 - b) Incorporate MSFC Clause 52.223-95; Prevention of and Response to Threatening Behavior in the Workplace (Aug 2010);
 - c) Incorporate NFS Clause 1852.242-72; Observance of Legal Holidays (AUG 1992) ALTERNATE II (OCT 2000) in full text; and
- 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) Susan Ronzio, Contracts Supervisor	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sherry K Fenn
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 01-DEC-2010
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12-1-10

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
NNM07AA70C/000049

PAGE OF
2 5

NAME OF OFFEROR OR CONTRACTOR
WJ SCHAFFER ASSOCIATES

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>d) Provide incremental funding in the amount of \$195,818, from \$27,153,434 to \$27,349,252; thereby extending the anticipated funded through date from December 3, 2010 to December 15, 2010.</p> <p>2. The following paragraph(s) has/have been modified. Slip-sheets to the contract are provided with sidebars indicating change.</p> <p>Clause B.2 Estimated Costs and Fees, Table B-1 and B-2; Page B-2</p> <p>Clause B.4 Cost and Performance Incentive Fee; Page B-4</p> <p>Clause B.6 Contract Funding; Page B-7</p> <p>Clause H.1 NFS 1852.242-72; Observance of Legal Holidays (AUG 1992) ALTERNATE II (OCT 2000) was deleted by reference; Page H-1</p> <p>Clause H.11 MSFC 52.223-93 Advanced Notification of Contractor Employee Discipline or Involuntary Termination (Feb 2008) was deleted in its entirety and replaced with MSFC 52.223-95 Prevention of and Response to Threatening Behavior in the Workplace (Aug 2010); Page H-9</p> <p>Clause H.13 NFS Clause 1852.242-72; Observance of Legal Holidays (AUG 1992) ALTERNATE II (OCT 2000) was incorporated in full text; Page H-12</p> <p>3. All other terms and conditions of this contract are unchanged and remain in full force and effect.</p> <p>LIST OF CHANGES:</p> <p>Reason for Modification : Supplemental Agreement for work within scope Obligated Amount for this Modification: \$195,818.00 Incremental Funded Amount changed: from \$27,153,434.00 to \$27,349,252.00 Incrementally Funded through date changed from 12/03/2010 to 12/15/2010</p> <p>ACCOUNTING AND APPROPRIATION DATA: Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
NNM07AA70C/000049

PAGE OF
3 5

NAME OF OFFEROR OR CONTRACTOR
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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	PR # 4200365360 Account code: 62VP01/6100.2511/62/FC000000/825080.04.06.40.08/00 0/2510/62/EXPX22010D/020U/1/43 Cost Center 62VP01 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$4,900.00				
	PR # 4200365360 Account code: 62JP02/6100.2511/62/FC000000/604746.01.01.05.08/00 0/2510/62/EXPX22011D/234A/2/44 Cost Center 62JP02 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$36,750.00				
	PR # 4200365360 Account code: 62EO03/6100.2511/62/FC000000/769347.05.08.07.01.0/ 1/000/2510/62/EXCX22011D/733B/3/45 Cost Center 62EO03 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$941.00				
	PR # 4200362783 Account code: 62EO02/6100.2511/62/FC000000/439432.07.01.15.04.0/ 1/000/2510/62/EXCX22011D/761A/1/2 Cost Center 62EO02 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$50,000.00				
	PR # 4200362783 Account code: 62EO02/6100.2511/62/FC000000/439432.07.01.15.04.0/ 1/000/2510/62/EXCX22010D/761A/2/3 Cost Center 62EO02 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$2,747.00 Continued ...				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
NNM07AA70C/000049

PAGE 4 OF 5

NAME OF OFFEROR OR CONTRACTOR
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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	PR # 4200362783 Account code: 62E003/6100.2511/62/FC000000/769347.05.08.07.01.0/ 1/000/2510/62/EXCX22011D/733B/3/4 Cost Center 62E003 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$20,000.00				
	PR # 4200362783 Account code: 62MP02/6100.2511/62/FC000000/411011.01.01.01.02/00 0/2510/62/EXCX22011D/538A/4/5 Cost Center 62MP02 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$18,873.00				
	PR # 4200362783 Account code: 62CS10/6100.2511/62/FC000000/736466.01.09.08.05.4/ 4/000/2510/62/CASX12011D/361N/1/43 Cost Center 62CS10 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$22,000.00				
	PR # 4200362783 Account code: 62EE01/6100.2511/62/FC000000/432938.08.01.08.05.0/ 3/000/2510/62/CASX12011D/361N/1/43 Cost Center 62EE01 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$22,607.00				
	PR # 4200362783 Account code: 62CS20/6100.2511/62/FC000000/309574.01.02.08/000/2 510/62/AERX22010D/469A/1/43 Cost Center 62CS20 GI Account 6100.2511 Order FC000000 Quantity: 0 Amount: \$17,000.00 Continued ...				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
NNM07AA70C/000049

PAGE OF
5 5

NAME OF OFFEROR OR CONTRACTOR
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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	FOB: Destination				