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Mods 1-63

NASA/KSC Contract No. NAS10-03006
University-Affiliated Spaceport Technology (USTDC)

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
63	See Block 16C.	4200179399	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(□) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase in Obligation Amount of $1,970,247.00

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.
X	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 ☒ 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.)

1. This modification adds incremental funding to the contract in the net amount of $1,970,247.00 for a total contract obligation amount of $111,045,162.56. The funding is considered to be adequate for contract performance through November 24, 2006 per contractor's e-mail dated September 29, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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)	
		Roy M. Colvin II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	9/29/2006

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
Computer Generated

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING						Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date		
42							
43	(b)(4)			$1,855,902.00	11/30/2005		
44				$2,543,573.00	12/31/2005		
45				$580,749.00	12/31/2005		
46				$838.00	12/31/2005		
47				$1,637,463.00	1/9/2006		
48							$15,953,809
49				$1,259,705.00	1/20/2006		
50							($61,865)
51				$2,275,490.00	2/24/2006		
52				$1,462,053.00	3/31/2006		
53				$1,784,268.00	5/1/2006		
54				$10,226,337.00	8/11/2006		
56				$3,895,797.00	8/30/2006		$15,219,265
57				$3,504,780.00	9/11/2006		
58				$3,013,593.00	9/22/2006		
59				$73,104.00	9/22/2006		
60							$6,219,674
61				$3,158,154.00	9/28/2006		
62				$1,329,315.00	9/29/2006		
63				$4,121,458.00	11/17/2006		
				$1,970,247.00	11/24/2006		
Total Amount	(b)(4)			$111,045,162.56	11/24/2006		$105,000,574

(b) (4), (b)(4)

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
NAS10-03006	1	1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
62	See Block 16C.	4200177496	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(□) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase in Obligation Amount of $4,121,458.00

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.
X	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 ☒ 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.)

1. This modification adds incremental funding to the contract in the net amount of $4,121,458.00, consisting of a funding increase of $4,129,917.00 and a funding decrease of $8,459.00, for a total contract obligation amount of $109,074,915.56. The funding is considered to be adequate for contract performance through November 17, 2006 per contractor's e-mail dated September 21, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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) Roy M. Colvin II	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Roy M Colvin II (Signature of Contracting Officer)	16C. DATE SIGNED 9/21/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42				$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
57				$3,013,593.00	9/22/2006	
58				$73,104.00	9/22/2006	
59						$6,219,674
60				$3,158,154.00	9/28/2006	
61				$1,329,315.00	9/29/2006	
62				$4,121,458.00	11/17/2006	
Total Amount				$109,074,915.56	11/17/2006	$105,000,574

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
61	See Block 16C.	4200173176	

6. ISSUED BY CODE OP-MS

NASA/John F..Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(D) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase in Obligation Amount of $1,329,315.00

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

(D)	
	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.
X	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 ☒ 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.)

1. This modification adds incremental funding to the contract in the net amount of $1,329,315.00, consisting of a funding increase of $1,515,305.00 and a funding decrease of $185,990.00, for a total contract obligation amount of $104,953,457.56. The funding is considered to be adequate for contract performance through September 29, 2006 per contractor's e-mail dated August 23, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1.

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)
	Marco Pochy Contracting Officer
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED / 16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	BY (Signature of Contracting Officer)	8/25/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42				$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
57				$3,013,593.00	9/22/2006	
58				$73,104.00	9/22/2006	
59						$6,219,674
60				$3,158,154.00	9/28/2006	
61				$1,329,315.00	9/29/2006	
Total Amount				$104,953,457.56	9/29/2006	$105,000,574

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
NAS10-03006	1	1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
60	See Block 16C.	4200166704	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(□) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
X NAS10-03006

10B. DATED (SEE ITEM 13)
02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase in Obligation Amount of $3,158,154.00

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.
X	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 ☒ 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.)

1. This modification adds incremental funding to the contract in the net amount of $3,158,154.00, consisting of a funding increase of $3,208,154.00 and a funding decrease of $50,000.00, for a total contract obligation amount of $103,624,142.56. The funding is considered to be adequate for contract performance through September 28, 2006 per contractor's e-mail dated July 18, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13.1 with the attached revised page 13.1.

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) BOB R. PRICE CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Bob R. Price (Signature of Contracting Officer)	16C. DATE SIGNED 7/21/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING			Total Cost & Fee	Adequate through date	Contract Value
	Estimated Cost	Award Fee	Incentive Fee			
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
57				$3,013,593.00	9/22/2006	
58				$73,104.00	9/22/2006	
59						$6,219,674
60				$3,158,154.00	9/28/2006	
Total Amount	(b)(4)			$103,624,142.56	9/22/2006	$105,000,574

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
59	See Block 16C.		

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(D)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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.

(D)	
	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 (ALT II) and Mutual Agreement of the Parties
	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.)

1. This modification updates the Contract Value, Award Fee and Incentive Fee. Contract Value is changed to $105,000,574 from $98,780,900, an increase of $6,219,674.
(See Page 2 of modification for details.)

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)
Martin J. Cummins	Roy M. Colvin, II

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
Martin J. Cummins (Signature of person authorized to sign)	7/10/06	BY (Signature of Contracting Officer)	7/10/06

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
Computer Generated

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

2. This contract modification incorporates the following changes to the contract:

Section B, Table B-1 is updated to reflect the most current value of the work authorized as identified in Attachment J-10, Contract Value, Award Fee and Incentive Fee.

Section B, Table B-2 is updated to reflect the most current Adjusted Target Costs and Available Award Fee as identified in Attachment J-10, Contract Value, Award Fee and Incentive Fee.

Section B, Table B-3 is updated to reflect the most current Available Incentive Fee as identified in Attachment J-10, Contract Value, Award Fee and Incentive Fee and the most current Completed Work for Others and Incentive Fee Earned-to-Date.

Section B, Table B-4 is updated to reflect the contract value increase of $6,219,674 for a total contract value of $105,000,574.

Section J – LIST OF ATTACHMENTS; Attachment J-10, Contract Value, Award Fee and Incentive Fee, is updated to reflect the most current value of the work authorized on the contract. The contents of the task orders listed in contract Attachment J-10 are hereby incorporated by reference. Page 32 of the attachment incorporates an adjustment for Contract Year 3 to actual costs. Actual Total Estimated Cost of [redacted] was obtained from the contractor's NF 533M Report submitted as of September 30, 2005. The result is an upward adjustment of [redacted] Total Estimated Cost (Target) of [redacted] A downward adjustment to Award Fee of [redacted] removes unearned Award Fee as a result of actual Earned Award Fee in the amount of [redacted] The net adjustment is an increase of [redacted] to [redacted] from [redacted]

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13.1 with the attached revised page 13.1.

Section J; Attachment J-10

Replace pages 1 through 54 with the attached revised pages 1 through 48.

4. All other terms and conditions remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value				
Contract Period	**Estimated Cost***	**Award Fee****	**Incentive Fee*****	**Contract Value**
Base Period				
03/01/03 to 9/30/07	(b)(4)			$105,000,574
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

99,798,670 4523404 1179644 105,000,718

Table B-2

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05				95	Excellent
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

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90744936.99

8035973.01

98780900

105000574

Table B-3			
Incentive Fee			
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07	[redacted]		$126,774.48
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

(c) Determination of EAF

The amount of award fee earned by the contractor shall be determined in accordance with contract clause G.2 and Attachment J-3, Performance Surveillance and Award Fee Plan.

(d) Determination of EIF

(1) Computation of EIF

The EIF during each contract period will be determined upon completion of each instance of Work for Others (WFO) or after a significant change in AIF, but no more frequently than monthly, using the following formula:

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
57				$3,013,593.00	9/22/2006	
58				$73,104.00	9/22/2006	
59						$6,219,674
Total Amount	(b)(4)			$100,465,988.56	9/22/2006	$105,000,574

See Totals on Page 13.1

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Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY4 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						$1,610,132
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY4 Basic	Applied Physics Infrastructure Support						$114,389
00005	CY4 Rev B	Corrosion Test-bed						$1,107,544
00006	CY4 Rev A	Chemical Instrumentation & Process Lab Infrastructure						$1,255,845
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$53,375
00012	Rev B	Ionic Liquids						$27,999
00013	CY3 Rev B	Corrosion Detection, Prediction and Prevention						$398,785
00014	CY 2 Rev B	OTV Modernization						$396,690
00015	CY4 Basic	Communications Engineering Infrastructure						$1,584,805
00016	CY2 Basic	Network Architecture & Routing Protocols						$272,838
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY4 Basic	Advanced Communications Development						$1,034,714
00019	CY4 Rev A	Fiber Optics Lab Projects						$1,911,572
00020	CY4 Basic	Network Systems & Security (NSS)						$1,804,510
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$124,485
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 4 Rev B	Electrostatics and Materials Physics Testbed						$188,989
00028	CY2 Rev B	Electrostatic & Surface Physics R&D						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY4 Basic	Development of KSC Infrastructure Documentation						$187,889
00031	CY4 Basic	Miscellaneous Operations Support						$424,918
00032	CY3 Rev B	Proof-of-Concept Support						$1,129,280
00033	CY4 Basic	LETF & Instrumentation O&M						$4,908,528
00034	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						$1,323,135
00035	CY3 Basic	LOX Pump Qualification Testing						$302,431
00036	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						$453,170
00038	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						$1,461,308
00039	Basic	PGHMA Enhancements and Technical Support						$33,043
00041	CY3 Rev B	Systems Engineering (NGLT)						$1,246,624
00042	CY4 Basic	Engineering Technical Services Support & CAD/CAE Support						$1,814,868
00043	CY4 Rev A	Innovative Partnership Program Office Support						$2,194,725

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00044	Rev A	ARTWG/ASTWG Integration and Conference Support Procedures						$15,333
00045	CY4 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$215,120
00046	CY4 Basic	Beach Corrosion Data Acquisition System Support						$220,848
00047	CY3 Rev A	LETF Shuttle Operations Testing Support						$102,811
00049	CY4 Basic	Hazardous Gas Detection System (HGDS) 2000						$1,341,649
00050	Rev A	GSE Controls Integration						$119,440
00051	CY4 Rev C	Command and Control Laboratory Infrastructure						$2,047,940
00052	CY4 Basic	Upgrade Hypergol Flow Meters Support						$1,277,412
00053	Basic	SSPF Transducer Laboratory Support						$8,385
00054	CY4 Basic	Shuttle Transducer Development						$186,046
00056	CY4 Rev A	Shuttle Transducer Obsolescence						$831,512
00057	CY4 Rev A	In-Situ Pressure Calibration System						$1,767,698
00058	CY2 Basic	NIST Traceable Portable Pressure Standard						$34,056
00059	CY4 Basic	Acoustic Scaling Methodologies						$218,532
00060	Basic	Advanced Hazardous Gas Detection System Development						$15,686
00061	Rev A	Vibroacoustic Prediction for Ground Support Equipment						$116,285
00062	CY2 Rev A	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						$74,772
00063	CY4 Rev B	Thermal Insulation Materials for Cryogenic Applications						$2,193,608
00064	CY2 Rev A	SBIR/STTR Support						$266,493
00070	CY4 Basic	LETF DOD Load Testing Support						$389,363
00071	CY3 Rev B	E-nose for ISS and EVA						$574,731
00072	CY2 Rev A	Technical Documentation Database System						$77,821
00074	CY 2 Basic	Laser Processing of Spaceport Materials						$133,838
00076	Basic	Capcitance Based Serisors						$37,733
00078	CY2 Basic	NGLT Project Management Support						$64,374
00079	CY3 Basic	Software Process Improvement Effort						$694,745
00080	CY4 Rev A	MSBLS Flight Inspection System Support						$486,196
00081	CY4 Basic	Flight Modem Project						$438,015
00082	CY2 Rev A	Electronics Infrastructure						$203,095
00083	CY4 Rev B	Range Infrastructure						$634,901
00084	CY4 Rev B	Weather Projects Support						$644,253
00085	CY4 Rev A	Autonomous Flight Safety System (AFSS)						$85,991
00086	CY4 Basic	Emerging Communication Technology (ECT)						$826,929
00087	CY4 Basic	Space Based Telemetry and Range Safety (STARS)						$1,513,183
00088	CY4 Rev A	Intelligent Cable Tester						
00089	CY2 Rev B	KCCS Infrastructure Conversion						
00090	CY3 Rev B	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						
00091	Basic	NAVAIDS Flight Inspection System Development						
00092	CY4 Basic	Airborne Particle Counting						
00093	CY2 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						
00094	CY4 Rev A							

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Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00096	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						$71,579
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$112,872
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$199,521
00102	CY4 Basic	Agency Security Update Service (ASUS)						$540,753
00105	Basic	Failsafe Jackscrew						$25,322
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$25,558
00115	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						$286,661
00119	Basic	WB TAU Certification for Flowliner						$14,190
00120	Basic	Cryolab Oxygen Monitor						$29,660
00121	Basic	Fire Detection Evaluation						$17,055
00122	Basic	Support Equipment Coating Study						$1,828
00123	Rev A	RWGS						$0
00125	CY4 Basic	Minature Smart Leak Sensor						$338,523
00126	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						$83,912
00127	Basic	Spaceport Processing System LPS Survivability Task						$39,580
00131	CY3 Rev B	KSC BTU Measurement System						$190,563
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$92,947
00134	Rev B	STS-107 Investigation Support						$360,738
00135	CY4 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$51,446
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$41,855
00140	CY2 Rev A	Thermal Insulation System Retrofit						$165,033
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$875,312
00142	CY4 Basic	High Pressure, High Shock Mass Level Sensor						$153,124
00143	Basic	Systems Engineering Tools Assessment						$34,938
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$40,313
00145	CY 2 Rev B	EVM Support to YA						$129,012
00146	Rev A	ELV Lightning Detection Support						$56,995
00147	Basic	Orbital Space Plane (OSP) Project MGMT Support						$339,900
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$87,934
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$110,084
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$75,088
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$241,000
00152	Basic	Long Distance Transfer Piping						$8,900
00153	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						$386,478
00154	CY 2 Rev B	OTV System Modernization						$40,291
00155	CY4 Basic	ELV/Payload Transducer Laboratory Support						$58,999
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilites						$13,971
00157	Basic	Seawater Immersion Facility Support						$10,000
00158	CY4 Basic	Non-Destructive Examination Support in Preparation for RTF						$1,176,622
00159	CY4 Rev B	Millimeter Wave Imaging Support						$392,414

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Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$51,863
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$9,500
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$89,400
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$336,503
00164	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						$52,975
00165	CY2 Basic	RF Health Node						$230,159
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$67,799
00168	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						$15,603
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$18,380
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$290,000
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$55,000
00173	CY2 Basic	LPS Operations and Maintenance Support						$34,200
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$104,066
00176	CY2 Rev D	ISRU Quick Assessment						$14,252
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$15,832
00178	CY2 Rev A	Hyper Spill Detection System						$41,109
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$98,761
00180	CY2 Rev E	New Microencapsulated Membrane						$82,174
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$199,900
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$72,342
00183	CY2 Basic	Vision Location System Research						$69,880
00184	CY2 Rev A	LASER Repair Applications						$10,540
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$81,044
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$84,666
00187	CY4 Basic	Hazardous Gas Detection Applications						$1,568,792
00188	CY2 Rev A	Intelligent Algorithms						$73,690
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$72,173
00190	CY4 Basic	Development Systems Support for SPS Development Lab						$875,588
00193	CY2 Basic	Knowledge Management for Ground Processing						$45,064
00194	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						$483,851
00195	CY4 Basic	Return to Flight Ground Camera Project						$2,866,253
00198	CY3 Rev E	USTDC RTF Project Mgt and Technincal Expertise						$536,948
00199	CY4 Rev A	Ground Processing Shop Aids and Tools						$649,470
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$3,161
00201	CY4 Basic	Launch System Testbed O&M						$270,004
00202	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						$305,484
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$30,212
00204	CY2 Basic	Development of Acoustic Estimate Tool						$22,500
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$10,455
00206	CY4 Rev A	Formulation of Polymer Materials for ESD & Flame Retardency						$61,335
00207	CY3 Rev C	Ablator Impact Testing						$1,606,655

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Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00208	CY3 Rev A	Wireless Networks and Sensors						$53,784
00209	CY2 Rev B	ESS Wireless Network Installation						$14,865
00210	CY4 Basic	Constellation Project Management & System Engineering						$5,482,130
00211	CY2 Basic	System Administrator Certifications						$9,245
00212	CY4 Rev A	PCG2 System Support						$261,140
00214	CY4 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$64,076
00215	CY2 Rev A	HyTEX RF Health Node						$26,486
00216	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						$139,680
00217	CY4 Rev A	NAVAIR --Coatings Study						$79,183
00218	CY3 Rev A	ASTWG/ARTWG Conference Support						$31,675
00219	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$29,106
00220	CY4 Basic	Non-Governmental VCS's and Standards						$141,036
00221	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						$248,440
00222	CY4 Basic	NESC Technical Support						$190,804
00223	CY2 Basic	Coriolis Flow Meter Testing						$13,058
00224	CY3 Rev B	SLF ATCT Equipment and Cable Installation						$27,567
00225	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						$22,254
00226	CY4 Rev A	Detection & Measurement of Water in Spaceflight Materials						$134,652
00228	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						$242,542
00229	CY4 Basic	De-painting Technology for Structural Steel						$100,964
00230	CY4 Basic	Polyurethane Replacement Coatings						$347,614
00231	CY4 Basic	Intergated Intelligent Health Management System (OSF)						$238,868
00232	CY4 Rev A	Self Validating Thermocouple System						$114,475
00233	CY3 Rev C	Thermal Control Sys Mulit-layer Blankets Grounding & Electrostatic Eve						$346,830
00234	CY2 Rev A	Environmental Monitoring Support						$9,259
00235	CY3 Rev A	System Component Selection Tool Demonstration Project						$65,048
00236	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						$18,000
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$2,520
00238	CY3 Rev A	Debris Recognition -- Camera Image Analysis						$365,747
00239	CY4 Rev B	Cost Efficient Storage and Transfer (CESAT)						$1,932,901
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$4,831
00241	CY4 Basic	Boeing Space Station Support						$9,913
00242	CY3 Rev A	Usability Study of Virtual and Simulation Environments						$77,757
00244	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						$73
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY4 Basic	Moisture/Aging Study of Spray on Foam Insulation						$793,106
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$12,423
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY4 Rev A	Chemical Vapor Detection Expertise						$147,977
00254	CY4 Rev A	Analytical Instrumentation Expertise						$66,141

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Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00255	CY3 Rev E	Wire Insulation and Membrane Expertise						$291,031
00256	CY4 Basic	Vibration Test Facility Operation & Maintenance Infrastructure						$123,969
00257	CY4 Rev D	Electrostatics and Surface Research						$832,314
00258	CY4 Basic	Environmental Rededlation Expertise						$460,874
00259	CY4 Rev A	NESC SRB Stud Hang-up Testing						$1,342,919
00260	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						$33,684
00261	CY4 Basic	Commodity-Free Calibration						$143,662
00262	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						$119,999
00263	CY4 Basic	Physics of Rocket Exhaust Cratering						$107,338
00264	CY3 Rev E	Independent Technical Engineering Analaysis Support						$77,020
00265	CY4 Rev A	Electrostatic Shielding of Spacecraft						$178,452
00267	CY4 Basic	Three Dimensional Boundry Layer Corrections						$115,001
00268	CY3 Rev A	TDRSS Transceiver Test Bed Development						$74,847
00269	CY4 Basic	DoD Corrosion Policy and Conference Support						$25,319
00270	CY4 Basic	VAB Roof Remediation Support						$22,264
00271	CY3 Rev D	Cryogenic In-line Flow Sensor						$33,910
00272	CY3 Rev A	Portable, Hand-held Window Inspection Device						$76,999
00273	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						$94,987
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						$29,313
00275	CY4 Basic	CTC Program Support						$225,596
00276	CY 4 Basic	SOLLO Installation Support						$286,024
00277	CY4 Rev A	SAA Support for NASA GSE Controls Integration Project						$232,878
00279	CY4 Basic	KSC Network Device Registry System						$238,064
00280	CY3 Basic	Wireless Sensor Networks						$99,867
00281	CY3 Rev B	Advanced Cable Tester Development						$99,946
00282	CY4 Basic	RESOLVE						$656,121
00283	CY3 Rev C	External Tank Infrared Radiation Heating						$384,997
00284	CY3 Rev A	AVEMS CARTA 2005						$30,333
00285	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						$80,262
00286	CY3 Rev A	Lunar Regolith						$202
00287	CY4 Basic	Dust Particle Mitigation						$43,977
00288	CY4 Basic	ISHM Testbedand Prototypes						$91,938
00289	CY4 Basic	Charge Mtr						$40,043
00290	CY3 Basic	ESS Wireless Network Installation						$9,955
00291	CY3 Basic	Nano-Tube H2 Gas Sensor						$54,147
00293	CY4 Basic	Hex Chrome Alternative Coating Testing						$25,159
00295	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						$181,999
00292	CY4 Rev A	Signal Conditioning for Nan Sensors						$92,550
00294	CY4 Rev D	EZVI Materials testing						$51,698

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Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00296	CY4 Basic	Chemochromic Hydrogen Detection Expertise						$322,830
00298	CY4 Rev A	ATDC Cryogenic Engineering Support						$107,478
00297	CY4 Rev A	OCE and SMO Technical Support						$275,786
00299	CY3 Basic	VAB Siding Coatings Testing						$20,820
00300	CY3 Basic	Black Powder Phenomena Study						$33,658
00305	CY4 Rev A	Exploration GSE Tiger Team Project Mgmt/Sys Eng						$85,001
00306	CY4 Basic	Acoustic & Vibration Test data Analysis for Pluto Mission						$85,002
00302	CY4 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						$19,999
00303	CY4 Rev A	Coatings Support for Exploration & Space Port Design						$28,153
00307	CY4 Basic	EVM Process Documentation						$15,734
00308	CY4 Rev A	NDE Support at Michoud						$382,959
00309	CY3 Basic	HLA for SGOS Research Activity						$38,179
00310	CY3Basic	Independent Technical Authority Engineering Analysis Support						$12,811
00311	CY4 Rev B	Infrastructure						$749,859
00312	CY4 Basic	EVM Preparation						$90,540
00314	CY4 Basic	Near Field MSBLS Navset Development						$130,016
00315	CY4 Basic	Advance Materials for Aerospace Applications						$445,876
00317	CY4 Basic	Imaging Systems Support						$636,893
00318	CY4 Rev A	Active Ice Mitigation Technologies						$90,716
00319	CY4 Basic	Advance Technology Development Center Support						$101,001
00320	CY4 Basic	KCCS Technology Update						$255,179
00321	CY4 Basic	ESS Security						$43,386
00322	CY4 Basic	Electrostatic Separation of Regolith						$130,805
00323	CY4 Basic	Study of Mobile Helium Conversion System						$25,000
00325	CY4 Basic	Evaluation of USMC Hatch Covers						$29,533
00326	CY4 Basic	SETI Migration						$27,563
00327	CY4 Rev C	Launch Site Quick Response Technical Support						$651,024
00328	CY4 Basic	NESC Technical Support						$299,987
00329	CY4 Basic	Shuttle Ground Equipment Obsolescence & Sustaining						$152,610
00330	CY4 Basic	RTF Test Site Closeout						$39,334
00331	CY4 Basic	Constellation Engineering Support						$6,872,489
00332	CY4 Basic	Ground Camera Image Enhancement and Analysis						$74,537
00333	CY4 Basic	NASA AP2 Program Support						$85,557
00335	CY4 Rev A	LETF Constellation Program Support						$3,497,330
00336	CY4 Basic	IMU Simulator						$45,000
00338	CY4 Basic	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						$85,000
00339	CY4 Basic	TDRSS High Speed Dual Channel Transceiver Development						$80,000
00340	CY4 Basic	High Performance Polyimide Based Powder Coatings						$85,001
00341	CY4 Basic	Electrostatic Filtration of GN2 Systems						$75,000

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Contract Value, Award Fee and Incentive Fee

Section J, Attachment 10
Contract Modification No. 59

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00342	CY4 Basic	Oxygen Production by Molten Salt						$291,421
00343	CY4 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						$308,565
00344	CY4 Basic	Regolith Volatile Characterization Expertise						$263,856
00345	CY4 Basic	Black Powder Coalescing Filter Testing						$199,728
00346	CY4 Basic	Light Weight and Smart Materials for Exploration Applications						$610,074
00347	CY4 Basic	Cryogenics Gate Valve with Sealing Technology						$100,000
00348	CY4 Basic	IT Baseline Configuration Management Support						$160,504
00349	CY4 Basic	Advanced Miniaturized Instrumentation and Control Node						$100,002
00350	CY4 Basic	Fault-Tolerant PLC-Based Controller						$100,000
00351	CY4 Basic	Solar Water Cracker						$100,000
00352	CY4 Basic	NASA IT-C Project Management and Systems Engineering						$150,019
00353	CY4 Basic	NDE Super Problem Resolution Team Support						$59,998
00354	CY4 Basic	Waste-to-Energy Helium and Hydrogen Recovery						$100,000
00355	CY4 Basic	Bimetalic Treatment System for PCB Removal						$124,896
00356	CY4 Basic	Lightning Protection System Design						$266,585
00357	CY4 Basic	EMDS Multiplexer Prototype Fabrication						$27,233
00359	CY4 Basic	KT Directorate Engineering Technical Services Support						$60,102
00360	CY4 Basic	Lightning Monitoring System Support						$10,659
00361	CY4 Basic	Pyrotechnic Valve Y-PCA Testing						$93,354
00362	CY4 Basic	Laboratory Relocation to SLSL						$50,509
00363	CY4 Basic	Sonic Lightning Locator (SOLLO) LSP Project						$200,004
00364	CY4 Rev A	Bird Abatement						$351,955
		TOTAL						$108,962,238
		ADJUSTMENT TO ACTUALS						-$3,961,664
					Contract Value			**$105,000,574**

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY4 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						$288,006
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY4 Basic	Applied Physics Infrastructure Support						$18,828
00005	CY4 Rev B	Corrosion Test-bed						$59,770
00006	CY4 Rev A	Chemical Instrumentation & Process Lab Infrastructure						$86,455
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$40,248
00012	Rev B	Ionic Liquids						$27,999
00013	CY3 Rev B	Corrosion Detection, Prediction and Prevention						$109,701
00014	CY 2 Rev B	OTV Modernization						$339,683
00015	CY4 Basic	Communications Engineering Infrastructure						$158,740
00016	CY2 Basic	Network Architecture & Routing Protocols						$123,413
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY4 Basic	Advanced Communications Development						$339,055
00019	CY4 Rev A	Fiber Optics Lab Projects						$762,638
00020	CY4 Basic	Network Systems & Security (NSS)						$373,240
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$72,563
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 4 Rev B	Electrostatics and Materials Physics Testbed						$25,789
00028	CY2 Rev B	Electrostatic & Surface Physics R&D						$63,748
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY4 Basic	Development of KSC Infrastructure Documentation						$35,260
00031	CY4 Basic	Miscellaneous Operations Support						$115,052
00032	CY3 Rev B	Proof-of-Concept Support						$70,043
00033	CY4 Basic	LETF & Instrumentation O&M						$815,530
00034	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						$962,950
00035	CY3 Basic	LOX Pump Qualification Testing						$112,431
00036	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						$108,772
00038	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						$53,285
00039	Basic	PGHMA Enhancements and Technical Support						$33,043
00041	CY3 Rev B	Systems Engineering (NGLT)						$540,720
00042	CY4 Basic	Engineering Technical Services Support & CAD/CAE Support						$372,359
00043	CY4 Rev A	Innovative Partnership Program Office Support						$352,000

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Contract Value, Award Fee and Incentive Fee

Section J, Attachment 10
Contract Modification No. 59

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$15,333
00045	CY4 Basic	Procedures						$52,783
00046	CY4 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$26,684
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$38,622
00049	CY4 Basic	LETF Shuttle Operations Testing Support						$282,677
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$119,440
00051	CY4 Rev C	GSE Controls Integration						$50,633
00052	CY4 Basic	Command and Control Laboratory Infrastructure						$62,313
00053	Basic	Upgrade Hypergol Flow Meters Support						$8,385
00054	CY4 Basic	SSPF Transducer Laboratory Support						$36,930
00056	CY4 Rev A	Shuttle Transducer Development						$230,038
00057	CY4 Rev A	Shuttle Transducer Obsolescence						$194,963
00058	CY2 Basic	In-Situ Pressure Calibration System						$27,190
00059	CY4 Basic	NIST Traceable Portable Pressure Standard						$36,820
00060	Basic	Acoustic Scaling Methodologies						$15,686
00061	Rev A	Advanced Hazardous Gas Detection System Development						$116,285
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$43,000
00063	CY4 Rev B	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						$119,333
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$137,893
00070	CY4 Basic	SBIR/STTR Support						$40,964
00071	CY3 Rev B	LETF DOD Load Testing Support						$296,409
00072	CY2 Rev A	E-nose for ISS and EVA						$60,000
00074	CY 2 Basic	Technical Documentation Database System						$77,938
00076	Basic	Laser Processing of Spaceport Materials						$37,733
00078	CY2 Basic	Capcitance Based Sensors						$42,355
00079	CY3 Basic	NGLT Project Management Support						$561,028
00080	CY4 Rev A	Software Process Improvement Effort						$63,815
00081	CY4 Basic	MSBLS Flight Inspection System Support						$75,008
00082	CY2 Rev A	Flight Modem Project						$138,108
00083	CY4 Rev B	Electronics Infrastructure						$52,200
00084	CY4 Rev B	Range Infrastructure						$36,605
00085	CY4 Rev A	Weather Projects Support						$9,923
00086	CY4 Basic	Autonomous Flight Safety System (AFSS)						$99,230
00087	CY4 Basic	Emerging Communication Technology (ECT)						$214,403
00088	CY4 Rev A	Space Based Telemetry and Range Safety (STARS)						$565,960
00089	CY2 Rev B	Intelligent Cable Tester						$46,130
00090	CY3 Rev B	KCCS Infrastructure Conversion						$376,550
00091	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						$3,333
00092	CY4 Basic	NAVAIDS Flight Inspection System Development						$244,980
00093	CY2 Rev A	Airborne Particle Counting						$103,620
00094	CY4 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						$234,673

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00096	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						$47,303
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$94,956
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$37,068
00102	CY4 Basic	Agency Security Update Service (ASUS)						$65,468
00105	Basic	Failsafe Jackscrew						$25,322
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$25,558
00115	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						$88,535
00119	Basic	WB TAU Certification for Flowliner						$14,190
00120	Basic	Cryolab Oxygen Monitor						$29,660
00121	Basic	Fire Detection Evaluation						$17,055
00122	Basic	Support Equipment Coating Study						$1,828
00123	Rev A	RWGS						$0
00125	CY4 Basic	Minature Smart Leak Sensor						$45,105
00126	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						$7,988
00127	Basic	Spaceport Processing System LPS Survivability Task						$39,580
00131	CY3 Rev B	KSC BTU Measurement System						$79,045
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$26,573
00134	Rev B	STS-107 Investigation Support						$360,738
00135	CY4 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$9,000
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$19,818
00140	CY2 Rev A	Thermal Insulation System Retrofit						$48,001
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$624,263
00142	CY4 Basic	High Pressure, High Shock Mass Level Sensor						$43,593
00143	Basic	Systems Engineering Tools Assessment						$34,938
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$31,020
00145	CY 2 Rev B	EVM Support to YA						$40,599
00146	Rev A	ELV Lightning Detection Support						$56,995
00147	Basic	Orbital Space Plane (OSP) Project MGMT Support						$201,509
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$30,853
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$95,057
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$75,088
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$138,999
00152	Basic	Long Distance Transfer Piping						$8,900
00153	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						$75,032
00154	CY 2 Rev B	OTV System Modernization						$18,000
00155	CY4 Basic	ELV/Payload Transducer Laboratory Support						$15,008
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilites						$11,999
00157	Basic	Seawater Immersion Facility Support						$10,000
00158	CY4 Basic	Non-Destructive Examination Support in Preparation for RTF						$50,013
00159	CY4 Rev B	Millimeter Wave Imaging Support						$86,707

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$50,680
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$9,500
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$20,000
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$45,465
00164	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						$35,475
00165	CY2 Basic	RF Health Node						$192,188
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$18,380
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$103,423
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$30,000
00173	CY2 Basic	LPS Operations and Maintenance Support						$11,718
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$6,515
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$0
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$0
00187	CY4 Basic	Hazardous Gas Detection Applications						$0
00188	CY2 Rev A	Intelligent Algorithms						$0
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$0
00190	CY4 Basic	Development Systems Support for SPS Development Lab						$0
00193	CY2 Basic	Knowledge Management for Ground Processing						$0
00194	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						$0
00195	CY4 Basic	Return to Flight Ground Camera Project						$0
00198	CY3 Rev E	USTDC RTF Project Mgt and Technincal Expertise						$0
00199	CY4 Rev A	Ground Processing Shop Aids and Tools						$0
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$0
00201	CY4 Basic	Launch System Testbed O&M						$0
00202	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						$0
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$0
00204	CY2 Basic	Development of Acoustic Estimate Tool						$0
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$0
00206	CY4 Rev A	Formulation of Polymer Materials for ESD & Flame Retardency						$0
00207	CY3 Rev C	Ablator Impact Testing						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00208	CY3 Rev A	Wireless Networks and Sensors						$0
00209	CY2 Rev B	ESS Wireless Network Installation						$0
00210	CY4 Basic	Constellation Project Management & System Engineering						$0
00211	CY2 Basic	System Administrator Certifications						$0
00212	CY4 Rev A	PCG2 System Support						$0
00214	CY4 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$0
00215	CY2 Rev A	HyTEX RF Health Node						$0
00216	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						$0
00217	CY4 Rev A	NAVAIR --Coatings Study						$0
00218	CY3 Rev A	ASTWG/ARTWG Conference Support						$0
00219	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$0
00220	CY4 Basic	Non-Governmental VCS's and Standards						$0
00221	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						$0
00222	CY4 Basic	NESC Technical Support						$0
00223	CY2 Basic	Coriolis Flow Meter Testing						$0
00224	CY3 Rev B	SLF ATCT Equipment and Cable Installation						$0
00225	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						$0
00226	CY4 Rev A	Detection & Measurement of Water in Spaceflight Materials						$0
00228	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						$0
00229	CY4 Basic	De-painting Technology for Structural Steel						$0
00230	CY4 Basic	Polyurethane Replacement Coatings						$0
00231	CY4 Basic	Intergated Intelligent Health Management System (OSF)						$0
00232	CY4 Rev A	Self Validating Thermocouple System						$0
00233	CY3 Rev C	Thermal Control Sys Mulit-layer Blankets Grounding & Electrostatic Eval						$0
00234	CY2 Rev A	Environmental Monitoring Support						$0
00235	CY3 Rev A	System Component Selection Tool Demonstration Project						$0
00236	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						$0
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$0
00238	CY3 Rev A	Debris Recognition -- Camera Image Analysis						$0
00239	CY4 Rev B	Cost Efficient Storage and Transfer (CESAT)						$0
00240	CY2 Rev B	Bimettallic Emulsion for PCB Extraction						$0
00241	CY4 Basic	Boeing Space Station Support						$0
00242	CY3 Rev A	Usability Study of Virtual and Simulation Environments						$0
00244	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						$0
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY4 Basic	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$0
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY4 Rev A	Chemical Vapor Detection Expertise						$0
00254	CY4 Rev A	Analytical Instrumentation Expertise						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00255	CY3 Rev E	Wire Insulation and Membrane Expertise						$0
00256	CY4 Basic	Vibration Test Facility Operation & Maintenance Infrastructure						$0
00257	CY4 Rev D	Electrostatics and Surface Research						$0
00258	CY4 Basic	Environmental/Rededlation Expertise						$0
00259	CY4 Rev A	NESC SRB Stud Hang-up Testing						$0
00260	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						$0
00261	CY4 Basic	Commodity-Free Calibration						$0
00262	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						$0
00263	CY4 Basic	Physics of Rocket Exhaust Cratering						$0
00264	CY3 Rev E	Independent Technical Engineering Analaysis Support						$0
00265	CY4 Rev A	Electrostatic Shielding of Spacecraft						$0
00267	CY4 Basic	Three Dimensional Boundry Layer Corrections						$0
00268	CY3 Rev A	TDRSS Transceiver Test Bed Development						$0
00269	CY4 Basic	DoD Corrosion Policy and Conference Support						$0
00270	CY4 Basic	VAB Roof Remediation Support						$0
00271	CY3 Rev D	Cryogenic In-line Flow Sensor						$0
00272	CY3 Rev A	Portable, Hand-held Window Inspection Device						$0
00273	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						$0
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						$0
00275	CY4 Basic	CTC Program Support						$0
00276	CY 4 Basic	SOLLO Installation Support						$0
00277	CY4 Rev A	SAA Support for NASA GSE Controls Integration Project						$0
00279	CY4 Basic	KSC Network Device Registry System						$0
00280	CY3 Basic	Wireless Sensor Networks						$0
00281	CY3 Rev B	Advanced Cable Tester Development						$0
00282	CY4 Basic	RESOLVE						$0
00283	CY3 Rev C	External Tank Infrared Radiation Heating						$0
00284	CY3 Rev A	AVEMS CARTA 2005						$0
00285	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						$0
00286	CY3 Rev A	Lunar Regolith						$0
00287	CY4 Basic	Dust Particle Mitigation						$0
00288	CY4 Basic	ISHM Testbed and Prototypes						$0
00289	CY4 Basic	Charge Mtr						$0
00290	CY3 Basic	ESS Wireless Network Installation						$0
00291	CY3 Basic	Nano-Tube H2 Gas Sensor						$0
00293	CY4 Basic	Hex Chrome Alternative Coating Testing						
00295	CY3 Rev A	Equipment Obsolescence Priorities for CTC						$0
00292	CY4 Rev A	Signal Conditioning for Nan Sensors						$0
00294	CY4 Rev D	EZVI Materials testing						$0
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00296	CY4 Basic	Chemochromic Hydrogen Detection Expertise						$0
00298	CY4 Rev A	ATDC Cryogenic Engineering Support						$0
00297	CY4 Rev A	OCE and SMO Technical Support						$0
00299	CY3 Basic	VAB Siding Coatings Testing						$0
00300	CY3 Basic	Black Powder Phenomena Study						$0
00305	CY4 Rev A	Exploration GSE Tiger Team Project Mgmt/Sys Eng						$0
00306	CY4 Basic	Acoustic & Vibration Test data Analysis for Pluto Mission						$0
00302	CY4 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						$0
00303	CY4 Rev A	Coatings Support for Exploration & Space Port Design						$0
00307	CY4 Basic	EVM Process Documentation						$0
00308	CY4 Rev A	NDE Support at Michoud						$0
00309	CY3 Basic	HLA for SGOS Research Activity						$0
00310	CY3Basic	Independent Technical Authority Engineering Analysis Support						$0
00311	CY4 Rev B	Infrastructure						$0
00312	CY4 Basic	EVM Preparation						$0
00314	CY4 Basic	Near Field MSBLS Navset Development						$0
00315	CY4 Basic	Advance Materials for Aerospace Applications						$0
00317	CY4 Basic	Imaging Systems Support						$0
00318	CY4 Rev A	Active Ice Mitigation Technologies						$0
00319	CY4 Basic	Advance Technology Development Center Support						$0
00320	CY4 Basic	KCCS Technology Update						$0
00321	CY4 Basic	ESS Security						$0
00322	CY4 Basic	Electrostatic Separation of Regolith						$0
00323	CY4 Basic	Study of Mobile Helium Conversion System						$0
00325	CY4 Basic	Evaluation of USMC Hatch Covers						$0
00326	CY4 Basic	SETI Migration						$0
00327	CY4 Rev C	Launch Site Quick Response Technical Support						$0
00328	CY4 Basic	NESC Technical Support						$0
00329	CY4 Basic	Shuttle Ground Equipment Obsolescence & Sustaining						$0
00330	CY4 Basic	RTF Test Site Closeout						$0
00331	CY4 Basic	Constellation Engineering Support						$0
00332	CY4 Basic	Ground Camera Image Enhancement and Analysis						$0
00333	CY4 Basic	NASA AP2 Program Support						$0
00335	CY4 Rev A	LETF Constellation Program Support						$0
00336	CY4 Basic	IMU Simulator						$0
00338	CY4 Basic	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						
00339	CY4 Basic	TDRSS High Speed Dual Channel Transceiver Development						
00340	CY4 Basic	High Performance Polyimide Based Powder Coatings						
00341	CY4 Basic	Electrostatic Filtration of GN2 Systems						

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00342	CY4 Basic	Oxygen Production by Molten Salt						
00343	CY4 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						
00344	CY4 Basic	Regolith Volatile Characterization Expertise						
00345	CY4 Basic	Black Powder Coalescing Filter Testing						
00346	CY4 Basic	Light Weight and Smart Materials for Exploration Applications						
00347	CY4 Basic	Cryogenics Gate Valve with Sealing Technology						
00348	CY4 Basic	IT Baseline Configuration Management Support						
00349	CY4 Basic	Advanced Miniaturized Instrumentation and Control Node						
00350	CY4 Basic	Fault-Tolerant PLC-Based Controller						
00351	CY4 Basic	Solar Water Cracker						
00352	CY4 Basic	NASA IT-C Project Management and Systems Engineering						
00353	CY4 Basic	NDE Super Problem Resolution Team Support						
00354	CY4 Basic	Waste-to-Energy Helium and Hydrogen Recovery						
00355	CY4 Basic	Bimetalic Treatment System for PCB Removal						
00356	CY4 Basic	Lightning Protection System Design						
00357	CY4 Basic	EMDS Multiplexer Prototype Fabrication						
00359	CY4 Basic	KT Directorate Engineering Technical Services Support						
00360	CY4 Basic	Lightning Monitoring System Support						
00361	CY4 Basic	Pyrotechnic Valve Y-PCA Testing						
00362	CY4 Basic	Laboratory Relocation to SLSL						
00363	CY4 Basic	Sonic Lightning Locator (SOLLO) LSP Project						
00364	CY4 Rev A	Bird Abatement						
		TOTAL						$15,000,977
		ADJUSTMENT TO ACTUALS						-$1,340,826
		C						$13,660,151

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY4 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						$486,831
00003	Basic	Corrosion Resistant Tubing						$0
00004	CY4 Basic	Applied Physics Infrastructure Support						$59,832
00005	CY4 Rev B	Corrosion Test-bed						$288,396
00006	CY4 Rev A	Chemical Instrumentation & Process Lab Infrastructure						$614,599
00007	Rev B*	Hydrogen Peroxide Decomposition						$0
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$13,127
00012	Rev B	Ionic Liquids						$0
00013	CY3 Rev B	Corrosion Detection, Prediction and Prevention						$181,934
00014	CY 2 Rev B	OTV Modernization						$57,008
00015	CY4 Basic	Communications Engineering Infrastructure						$471,020
00016	CY2 Basic	Network Architecture & Routing Protocols						$149,425
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	CY4 Basic	Advanced Communications Development						$223,923
00019	CY4 Rev A	Fiber Optics Lab Projects						$484,993
00020	CY4 Basic	Network Systems & Security (NSS)						$703,354
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$51,923
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 4 Rev B	Electrostatics and Materials Physics Testbed						$59,651
00028	CY2 Rev B	Electrostatic & Surface Physics R&D						$25,478
00029	Basic	Payload Contamination Monitoring						$0
00030	CY4 Basic	Development of KSC Infrastructure Documentation						$29,036
00031	CY4 Basic	Miscellaneous Operations Support						$156,336
00032	CY3 Rev B	Proof-of-Concept Support						$290,237
00033	CY4 Basic	LETF & Instrumentation O&M						$1,347,999
00034	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						$269,092
00035	CY3 Basic	LOX Pump Qualification Testing						$162,000
00036	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						$166,099
00038	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						$857,824
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	CY3 Rev B	Systems Engineering (NGLT)						$476,956
00042	CY4 Basic	Engineering Technical Services Support & CAD/CAE Support						$388,307
00043	CY4 Rev A	Innovative Partnership Program Office Support						$403,182

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00044	Rev A	ARTWG/ASTWG Integration and Conference Support Procedures						$0
00045	CY4 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$93,136
00046	CY4 Basic	Beach Corrosion Data Acquisition System Support						$55,000
00047	CY3 Rev A	LETF Shuttle Operations Testing Support						$34,189
00049	CY4 Basic	Hazardous Gas Detection System (HGDS) 2000						$300,000
00050	Rev A	GSE Controls Integration						$0
00051	CY4 Rev C	Command and Control Laboratory Infrastructure						$90,071
00052	CY4 Basic	Upgrade Hypergol Flow Meters Support						$655,864
00053	Basic	SSPF Transducer Laboratory Support						$0
00054	CY4 Basic	Shuttle Transducer Development						$49,993
00056	CY4 Rev A	Shuttle Transducer Obsolescence						$226,681
00057	CY4 Rev A	In-Situ Pressure Calibration System						$300,081
00058	CY2 Basic	NIST Traceable Portable Pressure Standard						$6,866
00059	CY4 Basic	Acoustic Scaling Methodologies						$71,645
00060	Basic	Advanced Hazardous Gas Detection System Development						$0
00061	Rev A	Vibroacoustic Prediction for Ground Support Equipment						$0
00062	CY2 Rev A	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						$31,772
00063	CY4 Rev B	Thermal Insulation Materials for Cryogenic Applications						$779,823
00064	CY2 Rev A	SBIR/STTR Support						$128,600
00070	CY4 Basic	LETF DOD Load Testing Support						$89,934
00071	CY3 Rev B	E-nose for ISS and EVA						$128,323
00072	CY2 Rev A	Technical Documentation Database System						$17,821
00074	CY 2 Basic	Laser Processing of Spaceport Materials						$55,900
00076	Basic	Capcitance Based Sensors						$0
00078	CY2 Basic	NGLT Project Management Support						$22,019
00079	CY3 Basic	Software Process Improvement Effort						$133,718
00080	CY4 Rev A	MSBLS Flight Inspection System Support						$97,639
00081	CY4 Basic	Flight Modem Project						$99,940
00082	CY2 Rev A	Electronics Infrastructure						$64,988
00083	CY4 Rev B	Range Infrastructure						$334,133
00084	CY4 Rev B	Weather Projects Support						$192,012
00085	CY4 Rev A	Autonomous Flight Safety System (AFSS)						$14,975
00086	CY4 Basic	Emerging Communication Technology (ECT)						$176,950
00087	CY4 Basic	Space Based Telemetry and Range Safety (STARS)						$299,207
00088	CY4 Rev A	Intelligent Cable Tester						$330,440
00089	CY2 Rev B	KCCS Infrastructure Conversion						$92,116
00090	CY3 Rev B	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						$591,027
00091	Basic	NAVAIDS Flight Inspection System Development						$0
00092	CY4 Basic	Airborne Particle Counting						$186,017
00093	CY2 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						$27,927
00094	CY4 Rev A							$278,939

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00096	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						$24,276
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$17,916
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$19,948
00102	CY4 Basic	Agency Security Update Service (ASUS)						$146,694
00105	Basic	Failsafe Jackscrew						$0
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						$171,743
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY4 Basic	Minature Smart Leak Sensor						$0
00126	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						$154,849
00127	Basic	Spaceport Processing System LPS Survivability Task						$40,950
00131	CY3 Rev B	KSC BTU Measurement System						$0
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$100,163
00134	Rev B	STS-107 Investigation Support						$66,374
00135	CY4 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$0
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$28,970
00140	CY2 Rev A	Thermal Insulation System Retrofit						$22,038
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$117,033
00142	CY4 Basic	High Pressure, High Shock Mass Level Sensor						$251,049
00143	Basic	Systems Engineering Tools Assessment						$77,258
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$0
00145	CY 2 Rev B	EVM Support to YA						$9,293
00146	Rev A	ELV Lightning Detection Support						$88,414
00147	Basic	Orbital Space Plane (OSP) Project MGMT Support						$0
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$138,392
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$57,081
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$15,027
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$102,000
00153	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						$0
00154	CY 2 Rev B	OTV System Modernization						$152,987
00155	CY4 Basic	ELV/Payload Transducer Laboratory Support						$22,291
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilites						$14,887
00157	Basic	Seawater Immersion Facility Support						$1,972
00158	CY4 Basic	Non-Destructive Examination Support In Preparation for RTF						$0
00159	CY4 Rev B	Millimeter Wave Imaging Support						$138,082
								$250,024

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$1,183
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$69,400
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$291,038
00164	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						$17,500
00165	CY2 Basic	RF Health Node						$37,971
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$67,799
00168	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						$15,603
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$186,578
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$25,000
00173	CY2 Basic	LPS Operations and Maintenance Support						$22,483
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$103,727
00176	CY2 Rev D	ISRU Quick Assessment						$7,738
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$15,832
00178	CY2 Rev A	Hyper Spill Detection System						$41,109
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$98,761
00180	CY2 Rev E	New Microencapsulated Membrane						$82,174
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$199,900
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$72,342
00183	CY2 Basic	Vision Location System Research						$69,880
00184	CY2 Rev A	LASER Repair Applications						$10,540
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$81,044
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$84,666
00187	CY4 Basic	Hazardous Gas Detection Applications						$180,626
00188	CY2 Rev A	Intelligent Algorithms						$73,690
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$72,173
00190	CY4 Basic	Development Systems Support for SPS Development Lab						$218,971
00193	CY2 Basic	Knowledge Management for Ground Processing						$45,064
00194	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						$467,055
00195	CY4 Basic	Return to Flight Ground Camera Project						$1,295,766
00198	CY3 Rev E	USTDC RTF Project Mgt and Technincal Expertise						$151,258
00199	CY4 Rev A	Ground Processing Shop Aids and Tools						$125,194
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$3,161
00201	CY4 Basic	Launch System Testbed O&M						$126,245
00202	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						$198,296
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$30,212
00204	CY2 Basic	Development of Acoustic Estimate Tool						$22,500
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$10,455
00206	CY4 Rev A	Formulation of Polymer Materials for ESD & Flame Retardency						$8,526
00207	CY3 Rev C	Ablator Impact Testing						$1,058,414

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00208	CY3 Rev A	Wireless Networks and Sensors						$22,208
00209	CY2 Rev B	ESS Wireless Network Installation	$					$14,865
00210	CY4 Basic	Constellation Project Management & System Engineering						$1,478,157
00211	CY2 Basic	System Administrator Certifications						$9,245
00212	CY4 Rev A	PCG2 System Support						$78,535
00214	CY4 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$16,843
00215	CY2 Rev A	HyTEX RF Health Node						$26,486
00216	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						$81,204
00217	CY4 Rev A	NAVAIR --Coatings Study						$22,000
00218	CY3 Rev A	ASTWG/ARTWG Conference Support						$6,700
00219	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$11,019
00220	CY4 Basic	Non-Governmental VCS's and Standards						$15,780
00221	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						$106,496
00222	CY4 Basic	NESC Technical Support						$70,065
00223	CY2 Basic	Coriolis Flow Meter Testing						$13,058
00224	CY3 Rev B	SLF ATCT Equipment and Cable Installation						$4,977
00225	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						$16,949
00226	CY4 Rev A	Detection & Measurement of Water in Spaceflight Materials						$90
00228	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						$192,543
00229	CY4 Basic	De-painting Technology for Structural Steel						$8,708
00230	CY4 Basic	Polyurethane Replacement Coatings						$9,236
00231	CY4 Basic	Intergated Intelligent Health Management System (OSF)						$2,753
00232	CY4 Rev A	Self Validating Thermocouple System						$12,654
00233	CY3 Rev C	Thermal Control Sys Mulit-layer Blankets Grounding & Electrostatic Eval						$177,448
00234	CY2 Rev A	Environmental Monitoring Support						$9,259
00235	CY3 Rev A	System Component Selection Tool Demonstration Project						$57,781
00236	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						$18,000
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$2,520
00238	CY3 Rev A	Debris Recognition -- Camera Image Analysis						$83,549
00239	CY4 Rev B	Cost Efficient Storage and Transfer (CESAT)						$115,574
00240	CY2 Rev B	Bimettallic Emulsion for PCB Extraction						$4,831
00241	CY4 Basic	Boeing Space Station Support						$0
00242	CY3 Rev A	Usability Study of Virtual and Simulation Environments						$10,455
00244	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						$73
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY4 Basic	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$328
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY4 Rev A	Chemical Vapor Detection Expertise						$0
00254	CY4 Rev A	Analytical Instrumentation Expertise						$0

NAS10-03006
USTDC

Contract Value, Award Fee and Incentive Fee

Section J, Attachment 10
Contract Modification No. 59

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00255	CY3 Rev E	Wire Insulation and Membrane Expertise						$0
00256	CY4 Basic	Vibration Test Facility Operation & Maintenance Infrastructure						$0
00257	CY4 Rev D	Electrostatics and Surface Research						$0
00258	CY4 Basic	Environmental Rededlation Expertise						$0
00259	CY4 Rev A	NESC SRB Stud Hang-up Testing						$0
00260	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						$0
00261	CY4 Basic	Commodity-Free Calibration						$0
00262	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						$0
00263	CY4 Basic	Physics of Rocket Exhaust Cratering						$0
00264	CY3 Rev E	Independent Technical Engineering Analaysis Support						$0
00265	CY4 Rev A	Electrostatic Shielding of Spacecraft						$0
00267	CY4 Basic	Three Dimensional Boundry Layer Corrections						$0
00268	CY3 Rev A	TDRSS Transceiver Test Bed Development						$0
00269	CY4 Basic	DoD Corrosion Policy and Conference Support						$0
00270	CY4 Basic	VAB Roof Remediation Support						$0
00271	CY3 Rev D	Cryogenic In-line Flow Sensor						$0
00272	CY3 Rev A	Portable, Hand-held Window Inspection Device						$0
00273	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						$0
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						$0
00275	CY4 Basic	CTC Program Support						$0
00276	CY 4 Basic	SOLLO Installation Support						$0
00277	CY4 Rev A	SAA Support for NASA GSE Controls Integration Project						$0
00279	CY4 Basic	KSC Network Device Registry System						$0
00280	CY3 Basic	Wireless Sensor Networks						$0
00281	CY3 Rev B	Advanced Cable Tester Development						$0
00282	CY4 Basic	RESOLVE						$0
00283	CY3 Rev C	External Tank Infrared Radiation Heating						$0
00284	CY3 Rev A	AVEMS CARTA 2005						$0
00285	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						$0
00286	CY3 Rev A	Lunar Regolith						$0
00287	CY4 Basic	Dust Particle Mitigation						$0
00288	CY4 Basic	ISHM Testbed and Prototypes						$0
00289	CY4 Basic	Charge Mtr						$0
00290	CY3 Basic	ESS Wireless Network Installation						$0
00291	CY3 Basic	Nano-Tube H2 Gas Sensor						
00293	CY4 Basic	Hex Chrome Alternative Coating Testing						$0
00295	CY3 Rev A	Equipment Obsolescence Priorities for CTC						$0
00292	CY4 Rev A	Signal Conditioning for Nan Sensors						$0
00294	CY4 Rev D	EZVI Materials testing						$0
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02					
			Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00296	CY4 Basic	Chemochromic Hydrogen Detection Expertise						$0
00298	CY4 Rev A	ATDC Cryogenic Engineering Support						$0
00297	CY4 Rev A	OCE and SMO Technical Support						$0
00299	CY3 Basic	VAB Siding Coatings Testing						$0
00300	CY3 Basic	Black Powder Phenomena Study						$0
00305	CY4 Rev A	Exploration GSE Tiger Team Project Mgmt/Sys Eng						$0
00306	CY4 Basic	Acoustic & Vibration Test data Analysis for Pluto Mission						$0
00302	CY4 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						$0
00303	CY4 Rev A	Coatings Support for Exploration & Space Port Design						$0
00307	CY4 Basic	EVM Process Documentation						$0
00308	CY4 Rev A	NDE Support at Michoud						$0
00309	CY3 Basic	HLA for SGOS Research Activity						$0
00310	CY3Basic	Independent Technical Authority Engineering Analysis Support						$0
00311	CY4 Rev B	Infrastructure						$0
00312	CY4 Basic	EVM Preparation						$0
00314	CY4 Basic	Near Field MSBLS Navset Development						$0
00315	CY4 Basic	Advance Materials for Aerospace Applications						$0
00317	CY4 Basic	Imaging Systems Support						$0
00318	CY4 Rev A	Active Ice Mitigation Technologies						$0
00319	CY4 Basic	Advance Technology Development Center Support						$0
00320	CY4 Basic	KCCS Technology Update						$0
00321	CY4 Basic	ESS Security						$0
00322	CY4 Basic	Electrostatic Separation of Regolith						$0
00323	CY4 Basic	Study of Mobile Helium Conversion System						$0
00325	CY4 Basic	Evaluation of USMC Hatch Covers						$0
00326	CY4 Basic	SETI Migration						$0
00327	CY4 Rev C	Launch Site Quick Response Technical Support						$0
00328	CY4 Basic	NESC Technical Support						$0
00329	CY4 Basic	Shuttle Ground Equipment Obsolescence & Sustaining						$0
00330	CY4 Basic	RTF Test Site Closeout						$0
00331	CY4 Basic	Constellation Engineering Support						$0
00332	CY4 Basic	Ground Camera Image Enhancement and Analysis						$0
00333	CY4 Basic	NASA AP2 Program Support						$0
00335	CY4 Rev A	LETF Constellation Program Support						$0
00336	CY4 Basic	IMU Simulator						$0
00338	CY4 Basic	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						
00339	CY4 Basic	TDRSS High Speed Dual Channel Transceiver Development						
00340	CY4 Basic	High Performance Polyimide Based Powder Coatings						
00341	CY4 Basic	Electrostatic Filtration of GN2 Systems						

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00342	CY4 Basic	Oxygen Production by Molten Salt						
00343	CY4 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						
00344	CY4 Basic	Regolith Volatile Characterization Expertise						
00345	CY4 Basic	Black Powder Coalescing Filter Testing						
00346	CY4 Basic	Light Weight and Smart Materials for Exploration Applications						
00347	CY4 Basic	Cryogenics Gate Valve with Sealing Technology						
00348	CY4 Basic	IT Baseline Configuration Management Support						
00349	CY4 Basic	Advanced Miniaturized Instrumentation and Control Node						
00350	CY4 Basic	Fault-Tolerant PLC-Based Controller						
00351	CY4 Basic	Solar Water Cracker						
00352	CY4 Basic	NASA IT-C Project Management and Systems Engineering						
00353	CY4 Basic	NDE Super Problem Resolution Team Support						
00354	CY4 Basic	Waste-to-Energy Helium and Hydrogen Recovery						
00355	CY4 Basic	Bimetallic Treatment System for PCB Removal						
00356	CY4 Basic	Lightning Protection System Design						
00357	CY4 Basic	EMDS Multiplexer Prototype Fabrication						
00359	CY4 Basic	KT Directorate Engineering Technical Services Support						
00360	CY4 Basic	Lightning Monitoring System Support						
00361	CY4 Basic	Pyrotechnic Valve Y-PCA Testing						
00362	CY4 Basic	Laboratory Relocation to SLSL						
00363	CY4 Basic	Sonic Lightning Locator (SOLLO) LSP Project						
00364	CY4 Rev A	Bird Abatement						
		TOTAL						$25,098,266
		ADJUSTMENT TO ACTUALS						-$2,814,534
								$22,283,732

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY4 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						$401,788
00003	Basic	Corrosion Resistant Tubing						$0
00004	CY4 Basic	Applied Physics Infrastructure Support						$17,827
00005	CY4 Rev B	Corrosion Test-bed						$300,002
00006	CY4 Rev A	Chemical Instrumentation & Process Lab Infrastructure						$221,601
00007	Rev B*	Hydrogen Peroxide Decomposition						$0
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$0
00012	Rev B	Ionic Liquids						$0
00013	CY3 Rev B	Corrosion Detection, Prediction and Prevention						$0
00014	CY 2 Rev B	OTV Modernization						$107,150
00015	CY4 Basic	Communications Engineering Infrastructure						$0
00016	CY2 Basic	Network Architecture & Routing Protocols						$477,884
00017	Basic	KSC LAN Dooumentation and User Guides						$0
00018	CY4 Basic	Advanced Communications Development						$0
00019	CY4 Rev A	Fiber Optics Lab Projects						$296,736
00020	CY4 Basic	Network Systems & Security (NSS)						$313,900
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$428,314
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 4 Rev B	Electrostatics and Materials Physics Testbed						$0
00028	CY2 Rev B	Electrostatic & Surface Physics R&D						$26,187
00029	Basic	Payload Contamination Monitoring						$0
00030	CY4 Basic	Development of KSC Infrastructure Documentation						$0
00031	CY4 Basic	Miscellaneous Operations Support						$44,086
00032	CY3 Rev B	Proof-of-Concept Support						$33,095
00033	CY4 Basic	LETF & Instrumentation O&M						$769,000
00034	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						$1,349,000
00035	CY3 Basic	LOX Pump Qualification Testing						$91,093
00036	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						$27,999
00038	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						$178,299
00039	Basic	PGHMA Enhancements and Technical Support						$550,200
00041	CY3 Rev B	Systems Engineering (NGLT)						$0
00042	CY4 Basic	Engineering Technical Services Support & CAD/CAE Support						$228,949
00043	CY4 Rev A	Innovative Partnership Program Office Support						$497,560
								$647,646

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00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$0
00045	CY4 Basic	Procedures						$23,085
00046	CY4 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$80,705
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$30,000
00049	CY4 Basic	LETF Shuttle Operations Testing Support						$393,972
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$0
00051	CY4 Rev C	GSE Controls Integration						$391,718
00052	CY4 Basic	Command and Control Laboratory Infrastructure						$280,440
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	CY4 Basic	SSPF Transducer Laboratory Support						$49,193
00056	CY4 Rev A	Shuttle Transducer Development						$309,201
00057	CY4 Rev A	Shuttle Transducer Obsolescence						$274,984
00058	CY2 Basic	In-Situ Pressure Calibration System						$0
00059	CY4 Basic	NIST Traceable Portable Pressure Standard						$68,530
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Rev A	Advanced Hazardous Gas Detection System Development						$0
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$0
00063	CY4 Rev B	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						$0
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$476,046
00070	CY4 Basic	SBIR/STTR Support						$0
00071	CY3 Rev B	LETF DOD Load Testing Support						$120,363
00072	CY2 Rev A	E-nose for ISS and EVA						$149,999
00074	CY 2 Basic	Technical Documentation Database System						$0
00076	Basic	Laser Processing of Spaceport Materials						$0
00078	CY2 Basic	Capcitance Based Sensors						$0
00079	CY3 Basic	NGLT Project Management Support						$0
00080	CY4 Rev A	Software Process Improvement Effort						$0
00081	CY4 Basic	MSBLS Flight Inspection System Support						$161,043
00082	CY2 Rev A	Flight Modem Project						$156,000
00083	CY4 Rev B	Electronics Infrastructure						$0
00084	CY4 Rev B	Range Infrastructure						$88,993
00085	CY4 Rev A	Weather Projects Support						$157,291
00086	CY4 Basic	Autonomous Flight Safety System (AFSS)						$25,688
00087	CY4 Basic	Emerging Communication Technology (ECT)						$213,693
00088	CY4 Rev A	Space Based Telemetry and Range Safety (STARS)						$378,573
00089	CY2 Rev B	Intelligent Cable Tester						$219,526
00090	CY3 Rev B	KCCS Infrastructure Conversion						$57,820
00091	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						$602,831
00092	CY4 Basic	NAVAIDS Flight Inspection System Development						$0
00093	CY2 Rev A	Airborne Particle Counting						$416,999
00094	CY4 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						$0
								$362,003

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Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00096	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						$0
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$0
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$142,506
00102	CY4 Basic	Agency Security Update Service (ASUS)						$172,083
00105	Basic	Failsafe Jackscrew						$0
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						$26,383
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY4 Basic	Minature Smart Leak Sensor						$0
00126	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$87,966
00131	CY3 Rev B	KSC BTU Measurement System						$34,974
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$11,355
00135	CY4 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$0
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$0
00140	CY2 Rev A	Thermal Insulation System Retrofit						$8,468
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$0
00142	CY4 Basic	High Pressure, High Shock Mass Level Sensor						$0
00143	Basic	Systems Engineering Tools Assessment						$0
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$26,719
00145	CY 2 Rev B	EVM Support to YA						$0
00146	Rev A	ELV Lightning Detection Support						$0
00147	Basic	Orbital Space Plane (OSP) Project MGMT Support						$0
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$0
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$0
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						$0
00154	CY 2 Rev B	OTV System Modernization						$158,459
00155	CY4 Basic	ELV/Payload Transducer Laboratory Support						$0
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						$14,751
00157	Basic	Seawater Immersion Facility Support						$0
00158	CY4 Basic	Non-Destructive Examination Support In Preparation for RTF						$0
00159	CY4 Rev B	Millimeter Wave Imaging Support						$573,174
								$400,683

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Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$0
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$0
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$0
00164	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						$0
00165	CY2 Basic	RF Health Node						$0
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$0
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$0
00173	CY2 Basic	LPS Operations and Maintenance Support						$0
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$0
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$338
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown In Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$0
00187	CY4 Basic	Hazardous Gas Detection Applications						$0
00188	CY2 Rev A	Intelligent Algorithms						$0
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$451,764
00190	CY4 Basic	Development Systems Support for SPS Development Lab						$0
00193	CY2 Basic	Knowledge Management for Ground Processing						$0
00194	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						$316,413
00195	CY4 Basic	Return to Flight Ground Camera Project						$0
00198	CY3 Rev E	USTDC RTF Project Mgt and Technincal Expertise						$16,796
00199	CY4 Rev A	Ground Processing Shop Aids and Tools						$1,306,224
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$385,691
00201	CY4 Basic	Launch System Testbed O&M						$317,929
00202	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						$98,600
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$107,188
00204	CY2 Basic	Development of Acoustic Estimate Tool						$0
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$0
00206	CY4 Rev A	Formulation of Polymer Materials for ESD & Flame Retardency						$0
00207	CY3 Rev C	Ablator Impact Testing						$33,875
								$548,241

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Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00208	CY3 Rev A	Wireless Networks and Sensors						$31,576
00209	CY2 Rev B	ESS Wireless Network Installation						$0
00210	CY4 Basic	Constellation Project Management & System Engineering						$1,831,809
00211	CY2 Basic	System Administrator Certifications						$0
00212	CY4 Rev A	PCG2 System Support						$143,397
00214	CY4 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$23,610
00215	CY2 Rev A	HyTEX RF Health Node						$0
00216	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						$58,476
00217	CY4 Rev A	NAVAIR --Coatings Study						$33,716
00218	CY3 Rev A	ASTWG/ARTWG Conference Support						$8,779
00219	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$18,087
00220	CY4 Basic	Non-Governmental VCS's and Standards						$29,858
00221	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						$141,944
00222	CY4 Basic	NESC Technical Support						$49,211
00223	CY2 Basic	Coriolis Flow Meter Testing						$0
00224	CY3 Rev B	SLF ATCT Equipment and Cable Installation						$22,590
00225	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						$5,305
00226	CY4 Rev A	Detection & Measurement of Water in Spaceflight Materials						$54,089
00228	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						$50,000
00229	CY4 Basic	De-painting Technology for Structural Steel						$69,995
00230	CY4 Basic	Polyurethane Replacement Coatings						$210,659
00231	CY4 Basic	Intergated Intelligent Health Management System (OSF)						$139,242
00232	CY4 Rev A	Self Validating Thermocouple System						$51,876
00233	CY3 Rev C	Thermal Control Sys Mulit-layer Blankets Grounding & Electrostatic Eval						$169,382
00234	CY2 Rev A	Environmental Monitoring Support						$0
00235	CY3 Rev A	System Component Selection Tool Demonstration Project						$7,267
00236	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						$0
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$0
00238	CY3 Rev A	Debris Recognition -- Camera Image Analysis						$282,197
00239	CY4 Rev B	Cost Efficient Storage and Transfer (CESAT)						$1,586,378
00240	CY2 Rev B	Bimettallic Emulsion for PCB Extraction						$0
00241	CY4 Basic	Boeing Space Station Support						$5,199
00242	CY3 Rev A	Usability Study of Virtual and Simulation Environments						$67,302
00244	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						$0
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY4 Basic	Moisture/Aging Study of Spray on Foam Insulation						$285,893
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$12,095
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY4 Rev A	Chemical Vapor Detection Expertise						$117,649
00254	CY4 Rev A	Analytical Instrumentation Expertise						$43,508

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Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00255	CY3 Rev E	Wire Insulation and Membrane Expertise						$291,031
00256	CY4 Basic	Vibration Test Facility Operation & Maintenance Infrastructure						$0
00257	CY4 Rev D	Electrostatics and Surface Research						$355,279
00258	CY4 Basic	Environmental Rededlation Expertise						$211,884
00259	CY4 Rev A	NESC SRB Stud Hang-up Testing						$1,007,551
00260	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						$33,684
00261	CY4 Basic	Commodity-Free Calibration						$59,997
00262	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						$119,999
00263	CY4 Basic	Physics of Rocket Exhaust Cratering						$43,487
00264	CY3 Rev E	Independent Technical Engineering Analaysis Support						$77,020
00265	CY4 Rev A	Electrostatic Shielding of Spacecraft						$109,904
00267	CY4 Basic	Three Dimensional Boundry Layer Corrections						$99,525
00268	CY3 Rev A	TDRSS Transceiver Test Bed Development						$74,847
00269	CY4 Basic	DoD Corrosion Policy and Conference Support						$23,203
00270	CY4 Basic	VAB Roof Remediation Support						$12,245
00271	CY3 Rev D	Cryogenic In-line Flow Sensor						$33,910
00272	CY3 Rev A	Portable, Hand-held Window Inspection Device						$76,999
00273	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						$76,398
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						$29,313
00275	CY4 Basic	CTC Program Support						$89,111
00276	CY 4 Basic	SOLLO Installation Support						$11,142
00277	CY4 Rev A	SAA Support for NASA GSE Controls Integration Project						$128,708
00279	CY4 Basic	KSC Network Device Registry System						$75,840
00280	CY3 Basic	Wireless Sensor Networks						$99,867
00281	CY3 Rev B	Advanced Cable Tester Development						$99,946
00282	CY4 Basic	RESOLVE						$525,510
00283	CY3 Rev C	External Tank Infrared Radiation Heating						$384,997
00284	CY3 Rev A	AVEMS CARTA 2005						$30,333
00285	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						$71,212
00286	CY3 Rev A	Lunar Regolith						$202
00287	CY4 Basic	Dust Particle Mitigation						$29,390
00288	CY4 Basic	ISHM Testbed and Prototypes						$62,796
00289	CY4 Basic	Charge Mtr						$12,587
00290	CY3 Basic	ESS Wireless Network Installation						$9,955
00291	CY3 Basic	Nano-Tube H2 Gas Sensor						$54,147
00293	CY4 Basic	Hex Chrome Alternative Coating Testing						$10,804
00295	CY3 Rev A	Equipment Obsolescence Priorities for CTC						$181,999
00292	CY4 Rev A	Signal Conditioning for Nan Sensors						$29,183
00294	CY4 Rev D	EZVI Materials testing						$7,908

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00296	CY4 Basic	Chemochromic Hydrogen Detection Expertise						$61,312
00298	CY4 Rev A	ATDC Cryogenic Engineering Support						$22,966
00297	CY4 Rev A	OCE and SMO Technical Support						$6,520
00299	CY3 Basic	VAB Siding Coatings Testing						$20,820
00300	CY3 Basic	Black Powder Phenomena Study						$33,658
00305	CY4 Rev A	Exploration GSE Tiger Team Project Mgmt/Sys Eng						$46,544
00306	CY4 Basic	Acoustic & Vibration Test data Analysis for Pluto Mission						$12,780
00302	CY4 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						$3,092
00303	CY4 Rev A	Coatings Support for Exploration & Space Port Design						$4,181
00307	CY4 Basic	EVM Process Documentation						$0
00308	CY4 Rev A	NDE Support at Michoud						$98,906
00309	CY3 Basic	HLA for SGOS Research Activity						$38,179
00310	CY3Basic	Independent Technical Authority Engineering Analysis Support						$12,811
00311	CY4 Rev B	Infrastructure						$0
00312	CY4 Basic	EVM Preparation						$0
00314	CY4 Basic	Near Field MSBLS Navset Development						$0
00315	CY4 Basic	Advance Materials for Aerospace Applications						$0
00317	CY4 Basic	Imaging Systems Support						$0
00318	CY4 Rev A	Active Ice Mitigation Technologies						$0
00319	CY4 Basic	Advance Technology Development Center Support						$0
00320	CY4 Basic	KCCS Technology Update						$0
00321	CY4 Basic	ESS Security						$0
00322	CY4 Basic	Electrostatic Separation of Regolith						$0
00323	CY4 Basic	Study of Mobile Helium Conversion System						$0
00325	CY4 Basic	Evaluation of USMC Hatch Covers						$0
00326	CY4 Basic	SETI Migration						$0
00327	CY4 Rev C	Launch Site Quick Response Technical Support						$0
00328	CY4 Basic	NESC Technical Support						$0
00329	CY4 Basic	Shuttle Ground Equipment Obsolescence & Sustaining						$0
00330	CY4 Basic	RTF Test Site Closeout						$0
00331	CY4 Basic	Constellation Engineering Support						$0
00332	CY4 Basic	Ground Camera Image Enhancement and Analysis						$0
00333	CY4 Basic	NASA AP2 Program Support						$0
00335	CY4 Rev A	LETF Constellation Program Support						$0
00336	CY4 Basic	IMU Simulator						$0
00338	CY4 Basic	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						
00339	CY4 Basic	TDRSS High Speed Dual Channel Transceiver Development						
00340	CY4 Basic	High Performance Polyimide Based Powder Coatings						
00341	CY4 Basic	Electrostatic Filtration of GN2 Systems						

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00342	CY4 Basic	Oxygen Production by Molten Salt						
00343	CY4 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						
00344	CY4 Basic	Regolith Volatile Characterization Expertise						
00345	CY4 Basic	Black Powder Coalesding Filter Testing						
00346	CY4 Basic	Light Weight and Smart Materials for Exploration Applications						
00347	CY4 Basic	Cryogenics Gate Valve with Sealing Technology						
00348	CY4 Basic	IT Baseline Configuration Management Support						
00349	CY4 Basic	Advanced Miniaturized Instrumentation and Control Node						
00350	CY4 Basic	Fault-Tolerant PLC-Based Controller						
00351	CY4 Basic	Solar Water Cracker						
00352	CY4 Basic	NASA IT-C Project Management and Systems Engineering						
00353	CY4 Basic	NDE Super Problem Resolution Team Support						
00354	CY4 Basic	Waste-to-Energy Helium and Hydrogen Recovery						
00355	CY4 Basic	Bimetallic Treatment System for PCB Removal						
00356	CY4 Basic	Lightning Protection System Design						
00357	CY4 Basic	EMDS Multiplexer Prototype Fabrication						
00359	CY4 Basic	KT Directorate Engineering Technical Services Support						
00360	CY4 Basic	Lightning Monitoring System Support						
00361	CY4 Basic	Pyrotechnic Valve Y-PCA Testing						
00362	CY4 Basic	Laboratory Relocation to SLSL						
00363	CY4 Basic	Sonic Lightning Locator (SOLLO) LSP Project						
00364	CY4 Rev A	Bird Abatement						
		TOTAL						$28,302,370
		ADJUSTMENT TO ACTUALS						$193,696
								$28,496,066

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Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY4 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						$433,507
00003	Basic	Corrosion Resistant Tubing						$0
00004	CY4 Basic	Applied Physics Infrastructure Support						$17,903
00005	CY4 Rev B	Corrosion Test-bed						$459,376
00006	CY4 Rev A	Chemical Instrumentation & Process Lab Infrastructure						$333,189
00007	Rev B*	Hydrogen Peroxide Decomposition						$0
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$0
00012	Rev B	Ionic Liquids						$0
00013	CY3 Rev B	Corrosion Detection, Prediction and Prevention						$0
00014	CY 2 Rev B	OTV Modernization						$0
00015	CY4 Basic	Communications Engineering Infrastructure						$0
00016	CY2 Basic	Network Architecture & Routing Protocols						$477,161
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	CY4 Basic	Advanced Communications Development						$0
00019	CY4 Rev A	Fiber Optics Lab Projects						$175,000
00020	CY4 Basic	Network Systems & Security (NSS)						$350,042
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$299,602
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 4 Rev B	Electrostatics and Materials Physics Testbed						$0
00028	CY2 Rev B	Electrostatic & Surface Physics R&D						$77,362
00029	Basic	Payload Contamination Monitoring						$0
00030	CY4 Basic	Development of KSC Infrastructure Documentation						$0
00031	CY4 Basic	Miscellaneous Operations Support						$79,507
00032	CY3 Rev B	Proof-of-Concept Support						$120,435
00033	CY4 Basic	LETF & Instrumentation O&M						$0
00034	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						$1,396,000
00035	CY3 Basic	LOX Pump Qualification Testing						$0
00036	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						$0
00038	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						$0
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	CY3 Rev B	Systems Engineering (NGLT)						$0
00042	CY4 Basic	Engineering Technical Services Support & CAD/CAE Support						$556,641
00043	CY4 Rev A	Innovative Partnership Program Office Support						$640,242

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00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$0
00045	CY4 Basic	Procedures						$46,118
00046	CY4 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$58,460
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$0
00049	CY4 Basic	LETF Shuttle Operations Testing Support						$365,000
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$0
00051	CY4 Rev C	GSE Controls/Integration						$1,489,033
00052	CY4 Basic	Command and Control Laboratory Infrastructure						$278,795
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	CY4 Basic	SSPF Transducer Laboratory Support						$49,930
00056	CY4 Rev A	Shuttle Transducer Development						$65,593
00057	CY4 Rev A	Shuttle Transducer Obsolescence						$997,671
00058	CY2 Basic	In-Situ Pressure Calibration System						$0
00059	CY4 Basic	NIST Traceable Portable Pressure Standard						$41,538
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Rev A	Advanced Hazardous Gas Detection System Development						$0
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$0
00063	CY4 Rev B	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						$0
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$818,407
00070	CY4 Basic	SBIR/STTR Support						$0
00071	CY3 Rev B	LETF DOD Load Testing Support						$138,101
00072	CY2 Rev A	E-nose for ISS and EVA						$0
00074	CY 2 Basic	Technical Documentation Database System						$0
00076	Basic	Laser Processing of Spaceport Materials						$0
00078	CY2 Basic	Capcitance Based Sensors						$0
00079	CY3 Basic	NGLT Project Management Support						$0
00080	CY4 Rev A	Software Process Improvement Effort						$0
00081	CY4 Basic	MSBLS Flight Inspection System Support						$163,699
00082	CY2 Rev A	Flight Modem Project						$107,068
00083	CY4 Rev B	Electronics Infrastructure						$0
00084	CY4 Rev B	Range Infrastructure						$159,576
00085	CY4 Rev A	Weather Projects Support						$258,346
00086	CY4 Basic	Autonomous Flight Safety System (AFSS)						$35,405
00087	CY4 Basic	Emerging Communication Technology (ECT)						$337,056
00088	CY4 Rev A	Space Based Telemetry and Range Safety (STARS)						$621,001
00089	CY2 Rev B	Intelligent Cable Tester						$497,895
00090	CY3 Rev B	KCCS Infrastructure Conversion						$0
00091	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						$0
00092	CY4 Basic	NAVAIDS Flight Inspection System Development						$0
00093	CY2 Rev A	Airborne Particle Counting						$163,503
00094	CY4 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						$0
								$492,861

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Base Period Task Order Summary

Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00096	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						$0
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$0
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$0
00102	CY4 Basic	Agency Security Update Service (ASUS)						$156,509
00105	Basic	Failsafe Jackscrew						$0
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						$0
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY4 Basic	Minature Smart Leak Sensor						$0
00126	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						$50,604
00127	Basic	Spaceport Processing System LPS Survivability Task						$0
00131	CY3 Rev B	KSC BTU Measurement System						$0
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$0
00135	CY4 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$0
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$5,007
00140	CY2 Rev A	Thermal Insulation System Retrofit						$0
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$0
00142	CY4 Basic	High Pressure, High Shock Mass Level Sensor						$0
00143	Basic	Systems Engineering Tools Assessment						$5,554
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$0
00145	CY 2 Rev B	EVM Support to YA						$0
00146	Rev A	ELV Lightning Detection Support						$0
00147	Basic	Orbital Space Plane (OSP) Project MGMT Support						$0
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$0
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$0
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						$0
00154	CY 2 Rev B	OTV System Modernization						$0
00155	CY4 Basic	ELV/Payload Transducer Laboratory Support						$0
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilites						$14,354
00157	Basic	Seawater Immersion Facility Support						$0
00158	CY4 Basic	Non-Destructive Examination Support In Preparation for RTF						$0
00159	CY4 Rev B	Millimeter Wave Imaging Support						$415,353
								-$344,999

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Task Order	Revision	Title	CY 04					
			Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$0
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$0
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$0
00164	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						$0
00165	CY2 Basic	RF Health Node						$0
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$0
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$0
00173	CY2 Basic	LPS Operations and Maintenance Support						$0
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$0
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$0
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$0
00187	CY4 Basic	Hazardous Gas Detection Applications						$0
00188	CY2 Rev A	Intelligent Algorithms						$0
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$936,401
00190	CY4 Basic	Development Systems Support for SPS Development Lab						$0
00193	CY2 Basic	Knowledge Management for Ground Processing						$0
00194	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						$340,204
00195	CY4 Basic	Return to Flight Ground Camera Project						$0
00198	CY3 Rev E	USTDC RTF Project Mgt and Technincal Expertise						$0
00199	CY4 Rev A	Ground Processing Shop Aids and Tools						$264,264
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$0
00201	CY4 Basic	Launch System Testbed O&M						$206,346
00202	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						$0
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$45,159
00204	CY2 Basic	Development of Acoustic Estimate Tool						$0
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$0
00206	CY4 Rev A	Formulation of Polymer Materials for ESD & Flame Retardency						$0
00207	CY3 Rev C	Ablator Impact Testing						$18,934
								$0

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Base Period Task Order Summary

Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	CY 04 Other Direct Costs	CY 04 Total Estimated Cost	CY 04 Award Fee	CY 04 Incentive Fee	CY 04 Total Cost & fee
00208	CY3 Rev A	Wireless Networks and Sensors						$0
00209	CY2 Rev B	ESS Wireless Network Installation						$0
00210	CY4 Basic	Constellation Project Management & System Engineering						$2,172,164
00211	CY2 Basic	System Administrator Certifications						$0
00212	CY4 Rev A	PCG2 System Support						$39,208
00214	CY4 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$23,622
00215	CY2 Rev A	HyTEX RF Health Node						$0
00216	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						$0
00217	CY4 Rev A	NAVAIR --Coatings Study						$13,057
00218	CY3 Rev A	ASTWG/ARTWG Conference Support						$6,080
00219	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$0
00220	CY4 Basic	Non-Governmental VCS's and Standards						$75,643
00221	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						$0
00222	CY4 Basic	NESC Technical Support						$36,009
00223	CY2 Basic	Coriolis Flow Meter Testing						$0
00224	CY3 Rev B	SLF ATCT Equipment and Cable Installation						$0
00225	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						$0
00226	CY4 Rev A	Detection & Measurement of Water in Spaceflight Materials						$0
00228	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						$80,473
00229	CY4 Basic	De-painting Technology for Structural Steel						$0
00230	CY4 Basic	Polyurethane Replacement Coatings						$22,261
00231	CY4 Basic	Intergated Intelligent Health Management System (OSF)						$119,283
00232	CY4 Rev A	Self Validating Thermocouple System						$96,873
00233	CY3 Rev C	Thermal Control Sys Mulit-layer Blankets Grounding & Electrostatic Eval						$49,944
00234	CY2 Rev A	Environmental Monitoring Support						$0
00235	CY3 Rev A	System Component Selection Tool Demonstration Project						$0
00236	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						$0
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$0
00238	CY3 Rev A	Debris Recognition -- Camera Image Analysis						$0
00239	CY4 Rev B	Cost Efficient Storage and Transfer (CESAT)						$0
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$230,949
00241	CY4 Basic	Boeing Space Station Support						$0
00242	CY3 Rev A	Usability Study of Virtual and Simulation Environments						$4,714
00244	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						$0
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY4 Basic	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$411,203
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY4 Rev A	Chemical Vapor Detection Expertise						$0
00254	CY4 Rev A	Analytical Instrumentation Expertise						$30,329
								$22,633

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Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00255	CY3 Rev E	Wire Insulation and Membrane Expertise						$0
00256	CY4 Basic	Vibration Test Facility Operation & Maintenance Infrastructure						$123,969
00257	CY4 Rev D	Electrostatics and Surface Research						$420,181
00258	CY4 Basic	Environmental Rededlation Expertise						$215,477
00259	CY4 Rev A	NESC SRB Stud Hang-up Testing						$335,368
00260	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						$0
00261	CY4 Basic	Commodity-Free Calibration						$83,665
00262	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						$0
00263	CY4 Basic	Physics of Rocket Exhaust Cratering						$63,851
00264	CY3 Rev E	Independent Technical Engineering Analaysis Support						$0
00265	CY4 Rev A	Electrostatic Shielding of Spacecraft						$68,548
00267	CY4 Basic	Three Dimensional Boundry Layer Corrections						$15,476
00268	CY3 Rev A	TDRSS Transceiver Test Bed Development						$0
00269	CY4 Basic	DoD Corrosion Policy and Conference Support						$2,116
00270	CY4 Basic	VAB Roof Remediation Support						$10,019
00271	CY3 Rev D	Cryogenic In-line Flow Sensor						$0
00272	CY3 Rev A	Portable, Hand-held Window Inspection Device						$0
00273	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						$18,589
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						$0
00275	CY4 Basic	CTC Program Support						$136,485
00276	CY 4 Basic	SOLLO Installation Support						$274,882
00277	CY4 Rev A	SAA Support for NASA GSE Controls Integration Project						$104,170
00279	CY4 Basic	KSC Network Device Registry System						$162,224
00280	CY3 Basic	Wireless Sensor Networks						$0
00281	CY3 Rev B	Advanced Cable Tester Development						$0
00282	CY4 Basic	RESOLVE						$130,612
00283	CY3 Rev C	External Tank Infrared Radiation Heating						$0
00284	CY3 Rev A	AVEMS CARTA 2005						$0
00285	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						$9,050
00286	CY3 Rev A	Lunar Regolith						$0
00287	CY4 Basic	Dust Particle Mitigation						$14,587
00288	CY4 Basic	ISHM Testbed and Prototypes						$29,144
00289	CY4 Basic	Charge Mtr						$27,456
00290	CY3 Basic	ESS Wireless Network Installation						$0
00291	CY3 Basic	Nano-Tube H2 Gas Sensor						$0
00293	CY4 Basic	Hex Chrome Alternative Coating Testing						$14,355
00295	CY3 Rev A	Equipment Obsolescence Priorities for CTC						$0
00292	CY4 Rev A	Signal Conditioning for Nan Sensors						$63,367
00294	CY4 Rev D	EZVI Materials testing						$43,790

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Base Period Task Order Summary

Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00296	CY4 Basic	Chemochromic Hydrogen Detection Expertise						$261,517
00298	CY4 Rev A	ATDC Cryogenic Engineering Support						$84,511
00297	CY4 Rev A	OCE and SMO Technical Support						$269,266
00299	CY3 Basic	VAB Siding Coatings Testing						$0
00300	CY3 Basic	Black Powder Phenomena Study						$0
00305	CY4 Rev A	Exploration GSE Tiger Team Project Mgmt/Sys Eng						$38,457
00306	CY4 Basic	Acoustic & Vibration Test data Analysis for Pluto Mission						$72,223
00302	CY4 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						$16,908
00303	CY4 Rev A	Coatings Support for Exploration & Space Port Design						$23,973
00307	CY4 Basic	EVM Process Documentation						$15,734
00308	CY4 Rev A	NDE Support at Michoud						$284,053
00309	CY3 Basic	HLA for SGOS Research Activity						$0
00310	CY3Basic	Independent Technical Authority Engineering Analysis Support						$0
00311	CY4 Rev B	Infrastructure						$749,859
00312	CY4 Basic	EVM Preparation						$90,540
00314	CY4 Basic	Near Field MSBLS Navset Development						$130,016
00315	CY4 Basic	Advance Materials for Aerospace Applications						$384,521
00317	CY4 Basic	Imaging Systems Support						$636,893
00318	CY4 Rev A	Active Ice Mitigation Technologies						$90,716
00319	CY4 Basic	Advance Technology Development Center Support						$101,001
00320	CY4 Basic	KCCS Technology Update						$255,179
00321	CY4 Basic	ESS Security						$43,386
00322	CY4 Basic	Electrostatic Separation of Regolith						$123,216
00323	CY4 Basic	Study of Mobile Helium Conversion System						$25,000
00325	CY4 Basic	Evaluation of USMC Hatch Covers						$29,533
00326	CY4 Basic	SETI Migration						$27,563
00327	CY4 Rev C	Launch Site Quick Response Technical Support						$651,024
00328	CY4 Basic	NESC Technical Support						$299,987
00329	CY4 Basic	Shuttle Ground Equipment Obsolescence & Sustaining						$152,610
00330	CY4 Basic	RTF Test Site Closeout						$39,334
00331	CY4 Basic	Constellation Engineering Support						$6,872,489
00332	CY4 Basic	Ground Camera Image Enhancement and Analysis						$74,537
00333	CY4 Basic	NASA AP2 Program Support						$66,896
00335	CY4 Rev A	LETF Constellation Program Support						$3,449,194
00336	CY4 Basic	IMU Simulator						$45,000
00338	CY4 Basic	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						$85,000
00339	CY4 Basic	TDRSS High Speed Dual Channel Transceiver Development						$80,000
00340	CY4 Basic	High Performance Polyimide Based Powder Coatings						$85,001
00341	CY4 Basic	Electrostatic Filtration of GN2 Systems						$75,000

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Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00342	CY4 Basic	Oxygen Production by Molten Salt						$176,072
00343	CY4 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						$213,992
00344	CY4 Basic	Regolith Volatile Characterization Expertise						$151,866
00345	CY4 Basic	Black Powder Coalescing Filter Testing						$199,728
00346	CY4 Basic	Light Weight and Smart Materials for Exploration Applications						$268,319
00347	CY4 Basic	Cryogenics Gate Valve with Sealing Technology						$100,000
00348	CY4 Basic	IT Baseline Configuration Management Support						$160,504
00349	CY4 Basic	Advanced Miniaturized Instrumentation and Control Node						$100,002
00350	CY4 Basic	Fault-Tolerant PLC-Based Controller						$100,000
00351	CY4 Basic	Solar Water Cracker						$100,000
00352	CY4 Basic	NASA IT-C Project Management and Systems Engineering						$66,809
00353	CY4 Basic	NDE Super Problem Resolution Team Support						$59,998
00354	CY4 Basic	Waste-to-Energy Helium and Hydrogen Recovery						$100,000
00355	CY4 Basic	Bimetallic Treatment System for PCB Removal						$42,803
00356	CY4 Basic	Lightning Protection System Design						$187,896
00357	CY4 Basic	EMDS Multiplexer Prototype Fabrication						$27,233
00359	CY4 Basic	KT Directorate Engineering Technical Services Support						$60,102
00360	CY4 Basic	Lightning Monitoring System Support						$10,659
00361	CY4 Basic	Pyrotechnic Valve Y-PCA Testing						$93,354
00362	CY4 Basic	Laboratory Relocation to SLSL						$50,509
00363	CY4 Basic	Sonic Lightning Locator (SOLLO) LSP Project						$45,827
00364	CY4 Rev A	Bird Abatement						$351,955
		TOTAL						$38,914,302
		ADJUSTMENT TO ACTUALS						

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Base Period Task Order Summary

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY4 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						$0
00003	Basic	Corrosion Resistant Tubing						$0
00004	CY4 Basic	Applied Physics Infrastructure Support						$0
00005	CY4 Rev B	Corrosion Test-bed						$0
00006	CY4 Rev A	Chemical Instrumentation & Process Lab Infrastructure						$0
00007	Rev B*	Hydrogen Peroxide Decomposition						$0
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$0
00012	Rev B	Ionic Liquids						$0
00013	CY3 Rev B	Corrosion Detection, Prediction and Prevention						$0
00014	CY 2 Rev B	OTV Modernization						$0
00015	CY4 Basic	Communications Engineering Infrastructure						$0
00016	CY2 Basic	Network Architecture & Routing Protocols						$0
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	CY4 Basic	Advanced Communications Development						$0
00019	CY4 Rev A	Fiber Optics Lab Projects						$0
00020	CY4 Basic	Network Systems & Security (NSS)						$0
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$0
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 4 Rev B	Electrostatics and Materials Physics Testbed						$0
00028	CY2 Rev B	Electrostatic & Surface Physics R&D						$0
00029	Basic	Payload Contamination Monitoring						$0
00030	CY4 Basic	Development of KSC Infrastructure Documentation						$0
00031	CY4 Basic	Miscellaneous Operations Support						$0
00032	CY3 Rev B	Proof-of-Concept Support						$0
00033	CY4 Basic	LETF & Instrumentation O&M						$0
00034	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						$0
00035	CY3 Basic	LOX Pump Qualification Testing						$0
00036	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						$0
00038	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						$0
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	CY3 Rev B	Systems Engineering (NGLT)						$0
00042	CY4 Basic	Engineering Technical Services Support & CAD/CAE Support						$0
00043	CY4 Rev A	Innovative Partnership Program Office Support						$0
								$151,655

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Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	CY 05 Other Direct Costs	CY 05 Total Estimated Cost	CY 05 Award Fee	CY 05 Incentive Fee	CY 05 Total Cost & fee
00044	Rev A	ARTWG/ASTWG Integration and Conference Support Procedures						$0
00045	CY4 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$0
00046	CY4 Basic	Beach Corrosion Data Acquisition System Support						$0
00047	CY3 Rev A	LETF Shuttle Operations Testing Support						$0
00049	CY4 Basic	Hazardous Gas Detection System (HGDS) 2000						$0
00050	Rev A	GSE Controls Integration						$0
00051	CY4 Rev C	Command and Control Laboratory Infrastructure						$0
00052	CY4 Basic	Upgrade Hypergol Flow Meters Support						$26,482
00053	Basic	SSPF Transducer Laboratory Support						$0
00054	CY4 Basic	Shuttle Transducer Development						$0
00056	CY4 Rev A	Shuttle Transducer Obsolescence						$0
00057	CY4 Rev A	In-Situ Pressure Calibration System						$0
00058	CY2 Basic	NIST Traceable Portable Pressure Standard						$0
00059	CY4 Basic	Acoustic Scaling Methodologies						$0
00060	Basic	Advanced Hazardous Gas Detection System Development						$0
00061	Rev A	Vibroacoustic Prediction for Ground Support Equipment						$0
00062	CY2 Rev A	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						$0
00063	CY4 Rev B	Thermal Insulation Materials for Cryogenic Applications						$0
00064	CY2 Rev A	SBIR/STTR Support						$0
00070	CY4 Basic	LETF DOD Load Testing Support						$0
00071	CY3 Rev B	E-nose for ISS and EVA						$0
00072	CY2 Rev A	Technical Documentation Database System						$0
00074	CY 2 Basic	Laser Processing of Spaceport Materials						$0
00076	Basic	Capcitance Based Sensors						$0
00078	CY2 Basic	NGLT Project Management Support						$0
00079	CY3 Basic	Software Process Improvement Effort						$0
00080	CY4 Rev A	MSBLS Flight Inspection System Support						$0
00081	CY4 Basic	Flight Modem Project						$0
00082	CY2 Rev A	Electronics Infrastructure						$0
00083	CY4 Rev B	Range Infrastructure						$0
00084	CY4 Rev B	Weather Projects Support						$0
00085	CY4 Rev A	Autonomous Flight Safety System (AFSS)						$0
00086	CY4 Basic	Emerging Communication Technology (ECT)						$0
00087	CY4 Basic	Space Based Telemetry and Range Safety (STARS)						$0
00088	CY4 Rev A	Intelligent Cable Tester						$0
00089	CY2 Rev B	KCCS Infrastructure Conversion						$0
00090	CY3 Rev B	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						$0
00091	Basic	NAVAIDS Flight Inspection System Development						$0
00092	CY4 Basic	Airborne Particle Counting						$0
00093	CY2 Rev A	KPRO Kennedy Space Center Projects & Resources On-line						$0
00094	CY4 Rev A							$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	CY 05 Other Direct Costs	CY 05 Total Estimated Cost	CY 05 Award Fee	CY 05 Incentive Fee	CY 05 Total Cost & fee
00096	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						$0
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$0
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$0
00102	CY4 Basic	Agency Security Update Service (ASUS)						$0
00105	Basic	Failsafe Jackscrew						$0
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						$0
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY4 Basic	Minature Smart Leak Sensor						$0
00126	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$0
00131	CY3 Rev B	KSC BTU Measurement System						$0
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$0
00135	CY4 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$0
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$0
00140	CY2 Rev A	Thermal Insulation System Retrofit						$0
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$0
00142	CY4 Basic	High Pressure, High Shock Mass Level Sensor						$0
00143	Basic	Systems Engineering Tools Assessment						$0
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$0
00145	CY 2 Rev B	EVM Support to YA						$0
00146	Rev A	ELV Lightning Detection Support						$0
00147	Basic	Orbital Space Plane (OSP) Project MGMT Support						$0
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$0
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$0
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						$0
00154	CY 2 Rev B	OTV System Modernization						$0
00155	CY4 Basic	ELV/Payload Transducer Laboratory Support						$0
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						$0
00157	Basic	Seawater Immersion Facility Support						$0
00158	CY4 Basic	Non-Destructive Examination Support In Preparation for RTF						$0
00159	CY4 Rev B	Millimeter Wave Imaging Support						$0

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USTDC

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Section J, Attachment 10
Contract Modification No. 59

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$0
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$0
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$0
00164	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						$0
00165	CY2 Basic	RF Health Node						$0
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$0
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$0
00173	CY2 Basic	LPS Operations and Maintenance Support						$0
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$0
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$0
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$0
00187	CY4 Basic	Hazardous Gas Detection Applications						$0
00188	CY2 Rev A	Intelligent Algorithms						$0
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$0
00190	CY4 Basic	Development Systems Support for SPS Development Lab						$0
00193	CY2 Basic	Knowledge Management for Ground Processing						$0
00194	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						$0
00195	CY4 Basic	Return to Flight Ground Camera Project						$0
00198	CY3 Rev E	USTDC RTF Project Mgt and Technincal Expertise						$0
00199	CY4 Rev A	Ground Processing Shop Aids and Tools						$0
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$0
00201	CY4 Basic	Launch System Testbed O&M						$0
00202	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						$0
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$0
00204	CY2 Basic	Development of Acoustic Estimate Tool						$0
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$0
00206	CY4 Rev A	Formulation of Polymer Materials for ESD & Flame Retardency						$0
00207	CY3 Rev C	Ablator Impact Testing						$0

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USTDC

Contract Value, Award Fee and Incentive Fee

Section J, Attachment 10
Contract Modification No. 59

Base Period Task Order Summary

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	CY 05 Other Direct Costs	CY 05 Total Estimated Cost	CY 05 Award Fee	CY 05 Incentive Fee	CY 05 Total Cost & fee
00208	CY3 Rev A	Wireless Networks and Sensors						$0
00209	CY2 Rev B	ESS Wireless Network Installation						$0
00210	CY4 Basic	Constellation Project Management & System Engineering						$0
00211	CY2 Basic	System Administrator Certifications						$0
00212	CY4 Rev A	PCG2 System Support						$0
00214	CY4 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$0
00215	CY2 Rev A	HyTEX RF Health Node						$0
00216	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						$0
00217	CY4 Rev A	NAVAIR --Coatings Study						$0
00218	CY3 Rev A	ASTWG/ARTWG Conference Support						$0
00219	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$0
00220	CY4 Basic	Non-Governmental VCS's and Standards						$10,409
00221	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						$10,116
00222	CY4 Basic	NESC Technical Support						$0
00223	CY2 Basic	Coriolis Flow Meter Testing						$19,754
00224	CY3 Rev B	SLF ATCT Equipment and Cable Installation						$0
00225	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						$35,518
00226	CY4 Rev A	Detection & Measurement of Water in Spaceflight Materials						$0
00228	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						$0
00229	CY4 Basic	De-painting Technology for Structural Steel						$0
00230	CY4 Basic	Polyurethane Replacement Coatings						$0
00231	CY4 Basic	Intergated Intelligent Health Management System (OSF)						$0
00232	CY4 Rev A	Self Validating Thermocouple System						$0
00233	CY3 Rev C	Thermal Control Sys Mullt-layer Blankets Grounding & Electrostatic Eval						$8,436
00234	CY2 Rev A	Environmental Monitoring Support						$0
00235	CY3 Rev A	System Component Selection Tool Demonstration Project						$0
00236	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						$0
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$0
00238	CY3 Rev A	Debris Recognition -- Camera Image Analysis						$0
00239	CY4 Rev B	Cost Efficient Storage and Transfer (CESAT)						$0
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$0
00241	CY4 Basic	Boeing Space Station Support						$0
00242	CY3 Rev A	Usability Study of Virtual and Simulation Environments						$0
00244	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						$0
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY4 Basic	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$0
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$96,010
00253	CY4 Rev A	Chemical Vapor Detection Expertise						$0
00254	CY4 Rev A	Analytical Instrumentation Expertise						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	CY 05 Other Direct Costs	CY 05 Total Estimated Cost	CY 05 Award Fee	CY 05 Incentive Fee	CY 05 Total Cost & fee
00255	CY3 Rev E	Wire Insulation and Membrane Expertise						$0
00256	CY4 Basic	Vibration Test Facility Operation & Maintenance Infrastructure						$0
00257	CY4 Rev D	Electrostatics and Surface Research						$56,854
00258	CY4 Basic	Environmental Rededlation Expertise						$33,512
00259	CY4 Rev A	NESC SRB Stud Hang-up Testing						$0
00260	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						$0
00261	CY4 Basic	Commodity-Free Calibration						$0
00262	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						$0
00263	CY4 Basic	Physics of Rocket Exhaust Cratering						$0
00264	CY3 Rev E	Independent Technical Engineering Analaysis Support						$0
00265	CY4 Rev A	Electrostatic Shielding of Spacecraft						$0
00267	CY4 Basic	Three Dimensional Boundry Layer Corrections						$0
00268	CY3 Rev A	TDRSS Transceiver Test Bed Development						$0
00269	CY4 Basic	DoD Corrosion Policy and Conference Support						$0
00270	CY4 Basic	VAB Roof Remediation Support						$0
00271	CY3 Rev D	Cryogenic In-line Flow Sensor						$0
00272	CY3 Rev A	Portable, Hand-held Window Inspection Device						$0
00273	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						$0
00274	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						$0
00275	CY4 Basic	CTC Program Support						$0
00276	CY 4 Basic	SOLLO Installation Support						$0
00277	CY4 Rev A	SAA Support for NASA GSE Controls Integration Project						$0
00279	CY4 Basic	KSC Network Device Registry System						$0
00280	CY3 Basic	Wireless Sensor Networks						$0
00281	CY3 Rev B	Advanced Cable Tester Development						$0
00282	CY4 Basic	RESOLVE						$0
00283	CY3 Rev C	External Tank Infrared Radiation Heating						$0
00284	CY3 Rev A	AVEMS CARTA 2005						$0
00285	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						$0
00286	CY3 Rev A	Lunar Regolith						$0
00287	CY4 Basic	Dust Particle Mitigation						$0
00288	CY4 Basic	ISHM Testbed and Prototypes						$0
00289	CY4 Basic	Charge Mtr						$0
00290	CY3 Basic	ESS Wireless Network Installation						$0
00291	CY3 Basic	Nano-Tube H2 Gas Sensor						$0
00293	CY4 Basic	Hex Chrome Alternative Coating Testing						$0
00295	CY3 Rev A	Equipment Obsolescence Priorities for CTC						$0
00292	CY4 Rev A	Signal Conditioning for Nan Sensors						$0
00294	CY4 Rev D	EZVI Materials testing						$0

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Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Section J, Attachment 10
Contract Modification No. 59

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00296	CY4 Basic	Chemochromic Hydrogen Detection Expertise						$0
00298	CY4 Rev A	ATDC Cryogenic Engineering Support						$0
00297	CY4 Rev A	OCE and SMO Technical Support						$0
00299	CY3 Basic	VAB Siding Coatings Testing						$0
00300	CY3 Basic	Black Powder Phenomena Study						$0
00305	CY4 Rev A	Exploration GSE Tiger Team Project Mgmt/Sys Eng						$0
00306	CY4 Basic	Acoustic & Vibration Test data Analysis for Pluto Mission						$0
00302	CY4 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						$0
00303	CY4 Rev A	Coatings Support for Exploration & Space Port Design						$0
00307	CY4 Basic	EVM Process Documentation						$0
00308	CY4 Rev A	NDE Support at Michoud						$0
00309	CY3 Basic	HLA for SGOS Research Activity						$0
00310	CY3Basic	Independent Technical Authority Engineering Analysis Support						$0
00311	CY4 Rev B	Infrastructure						$0
00312	CY4 Basic	EVM Preparation						
00314	CY4 Basic	Near Field MSBLS Navset Development						$0
00315	CY4 Basic	Advance Materials for Aerospace Applications						$0
00317	CY4 Basic	Imaging Systems Support						$0
00318	CY4 Rev A	Active Ice Mitigation Technologies						$0
00319	CY4 Basic	Advance Technology Development Center Support						$61,355
00320	CY4 Basic	KCCS Technology Update						$0
00321	CY4 Basic	ESS Security						$0
00322	CY4 Basic	Electrostatic Separation of Regolith						$0
00323	CY4 Basic	Study of Mobile Helium Conversion System						$0
00325	CY4 Basic	Evaluation of USMC Hatch Covers						$0
00326	CY4 Basic	SETI Migration						$7,590
00327	CY4 Rev C	Launch Site Quick Response Technical Support						$0
00328	CY4 Basic	NESC Technical Support						$0
00329	CY4 Basic	Shuttle Ground Equipment Obsolescence & Sustaining						$0
00330	CY4 Basic	RTF Test Site Closeout						$0
00331	CY4 Basic	Constellation Engineering Support						$0
00332	CY4 Basic	Ground Camera Image Enhancement and Analysis						$0
00333	CY4 Basic	NASA AP2 Program Support						
00335	CY4 Rev A	LETF Constellation Program Support						
00336	CY4 Basic	IMU Simulator						$18,661
00338	CY4 Basic	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						$48,136
00339	CY4 Basic	TDRSS High Speed Dual Channel Transceiver Development						
00340	CY4 Basic	High Performance Polyimide Based Powder Coatings						
00341	CY4 Basic	Electrostatic Filtration of GN2 Systems						

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 05 Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00342	CY4 Basic	Oxygen Production by Molten Salt						$115,349
00343	CY4 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						$94,573
00344	CY4 Basic	Regolith Volatile Characterization Expertise						$111,990
00345	CY4 Basic	Black Powder Coalescing Filter Testing						
00346	CY4 Basic	Light Weight and Smart Materials for Exploration Applications						$341,754
00347	CY4 Basic	Cryogenics Gate Valve with Sealing Technology						
00348	CY4 Basic	IT Baseline Configuration Management Support						
00349	CY4 Basic	Advanced Miniaturized Instrumentation and Control Node						
00350	CY4 Basic	Fault-Tolerant PLC-Based Controller						
00351	CY4 Basic	Solar Water Cracker						
00352	CY4 Basic	NASA IT-C Project Management and Systems Engineering						$83,210
00353	CY4 Basic	NDE Super Problem Resolution Team Support						
00354	CY4 Basic	Waste-to-Energy Helium and Hydrogen Recovery						
00355	CY4 Basic	Bimetallic Treatment System for PCB Removal						
00356	CY4 Basic	Lightning Protection System Design						$82,093
00357	CY4 Basic	EMDS Multiplexer Prototype Fabrication						$78,689
00359	CY4 Basic	KT Directorate Engineering Technical Services Support						
00360	CY4 Basic	Lightning Monitoring System Support						
00361	CY4 Basic	Pyrotechnic Valve Y-PCA Testing						
00362	CY4 Basic	Laboratory Relocation to SLSL						
00363	CY4 Basic	Sonic Lightning Locator (SOLLO) LSP Project						
00364	CY4 Rev A	Bird Abatement						$154,177
		TOTAL						$1,646,323
		ADJUSTMENT TO ACTUALS						

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
58	See Block 16C.	4200164467	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase in Obligation Amount of $73,104.00

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.
X	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 ☒ 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.)

1. This modification adds funding to the contract in the net amount of $73,104.00 for a total contract obligation amount of $100,465,988.56. The funding is considered to be adequate for contract performance through September 22, 2006 per contractor's e-mail dated June 22, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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)	
		Edwin Martinez	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	6/29/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53			(b)(4)	$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
57				$3,013,593.00	9/22/2006	
58				$73,104.00	9/22/2006	
Total Amount	(b)(4)			$100,465,988.56	9/22/2006	$98,780,900

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
57	See Block 16C.	4200163429	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net Increase in Obligation Amount of $3,013,593.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $3,101,840.00, consisting of a funding increase of $3,013,593.00 and a funding decrease of $88,247.00, for a total contract obligation amount of $100,392,884.56. The funding is considered to be adequate for contract performance through September 22, 2006 per contractor's e-mail dated June 22, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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)*
MARTIN J. CUMMINS DIRECTOR, BUSINESS OPERATIONS	Roy M. Colvin

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	6/22/2006	BY *(Signature of Contracting Officer)*	6/22/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
57				$3,013,593.00	9/22/2006	
	(b)(4)					
Total Amount				$100,392,884.56	9/22/2006	$98,780,900

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
56	See Block 16C.	4200159505	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net Increase in Obligation Amount of $3,504,780.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $3,810,430.00, consisting of a funding increase of $3,504,780.00 and a funding decrease of $305,650.00, for a total contract obligation amount of $97,379,291.56. The funding is considered to be adequate for contract performance through September 11, 2006 per contractor's e-mail dated May 24, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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)*
MARTIN J. CUMMINS DIRECTOR OF BUSINESS OPERATIONS	Bob R. Pirkle

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
Martin J. Cummins *(Signature of person authorized to sign)*	5/31/06	BY Bob R. Pirkle *(Signature of Contracting Officer)*	5/25/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
Total Amount	(b)(4)			$97,379,291.56	9/11/2006	$98,780,900

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
55	See Block 16C.		

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
NASA/John F. Kennedy Space Center Procurement Office Kennedy Space Center, Florida 32899	OP-MS		

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(If) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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.

(If) 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)
Mutual Agreement of the Parties

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

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

1. The purpose of this modification is to add two new NASA FAR Supplement clauses and ASRC's Organizational Conflict of Interest Plan.

(See Continuation 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)
Martin J. Cummins Director of Business Ops	Edwin Martinez

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/27/06	BY (Signature of Contracting Officer)	4/28/06.

2. NASA Far Supplement Clauses NFS 1852.237-72 entitled " Acess to Sensitive Information" and NFS 1852.237-73 entitled "Release of Sensitive Information" are hereby incorporated under Section H of the contract as H.23 and H.24 respectively.

3. Organizational Conflict of Interest (OCI) Plan No. KSC-ASRC-106, Revision; Basic, dated April 27, 2006 is hereby incorporated as attachment J-11 to the contract. Addition of the Plan is in response to the above added NASA FAR Supplement clauses NFS 1852.237-72 and 852.237-73. The Plan is incorporated as a compliance document and it is required to be included in all ASRC exisiting and future resulting subcontracts.

4. All other terms and conditions of the contract remain unchanged.

5. The following page changes shall be made to the contract to incorporate the above modifications:

Section A

Replace of page 3 with the attached page 3

Section H

Addition of pages 53.1, 53.2, 53.3, and 53.4

Section J – TOC

Replace page 63 with the attached revised page 63

Section J, Attachment J-11

Add ASRC OCI Plan No. **KSC-ASRC-106**, Revision: Basic

(End of Modification 55)

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE
H.2 SPECIAL 8(a) CONTRACT CONDITIONS (FAR 52.219-11) (FEB 1990) (DEVIATION)
H.3 LIMITATION OF FUTURE CONTRACTING (NASA 1852.209-71) (DEC1988)
H.4 MINIMUM INSURANCE COVERAGE (NASA 1852.228-75) (OCT 1988)
H.5 KEY PERSONNEL AND FACILITIES (NASA 1852.235-71) (MAR 1989)
H.6 PENSION PORTABILITY (NASA 1852.237-71)(JAN 1997)
H.7 SECURITY CONTROLS AT KSC (KSC 52.204-90) (NOV 2000)
H.8 MOTOR VEHICLE MANAGEMENT (KSC 52.208-90) (APR 2001)
H.9 EMERGENCY MEDICAL TREATMENT (KSC 52.223-105) (JUL 2000)
H.10 RADIATION PROTECTION (KSC 52.223-90) (OCT 1998)
H.11 OCCUPATIONAL HEALTH (KSC 52.223-93) (NOV 2000)
H.12 HAZARD COMMUNICATION (KSC 52.223-94) (NOV 2000)
H.13 CONDUCT OF FACILITY PROJECTS (KSC 52.236-130) (APR 2000)
H.14 CONTROLS APPLICABLE TO CONTRACTOR'S ACTIVITIES (KSC 52.242-90) (DEC 2000)
H.15 CENTERWIDE MANPOWER REPORTS (KSC 52.242-93) (NOV 2000)
H.16 AUTHORIZED CHANGES (KSC 52.243-90) (FEB 1990)
H.17 MANAGEMENT AND PROTECTION OF DATA OF THIRD PARTIES
H.18 WORK FOR OTHERS
H.19 TASK ORDERING PROCEDURE (NFS 1852.216-80)(OCT 1996)
H.20 ESTABLISHMENT OF THE SPACEPORT RESEARCH AND TECHNOLOGY INSTITUTE (SRTI)
H.21 ASRC TEAM INVESTMENT PROFILE
H.22 NASA SYSTEM ADMINISTRATOR SECURITY CERTIFICATION PROGRAM
H.23 ACCESS TO SENSITIVE INFORMATION (NFS 1852.237-72)(JUNE 2005)
H.24 RELEASE OF SENSITIVE INFORMATION (1852.237-73)(JUNE 2005)

SECTION I - CONTRACT CLAUSES

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE
I.2 APPROVAL OF CONTRACT (FAR 52.204-1) (DEC 1989)
I.3 NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(a) CONCERNS (FAR 52.219-18) (JUN 1999) (DEVIATION)
I.4 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 1989)
I.5 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (FAR 52.223-9) (AUG 2000)
I.6 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2)(FEB 1998)
I.7 OMBUDSMAN (NFS 1852.215-84) (JUN 2000) (ALTERNATE I) (JUN 2000)
I.8 MANAGEMENT OF NASA-OWNED/CONTRACTOR-HELD RECORDS (KSC 52.245-90) (NOV 1998)
I.9 AUTHORIZED DEVIATIONS IN CLAUSES (FAR 52.252-6)(APR 1984)

H.23 ACCESS TO SENSITIVE INFORMATION (NFS 1852.237-72)(JUNE 2005)

(a) As used in this clause, "sensitive information" refers to information that a contractor has developed at private expense, or that the Government has generated that qualifies for an exception to the Freedom of Information Act, which is not currently in the public domain, and which may embody trade secrets or commercial or financial information, and which may be sensitive or privileged.

(b) To assist NASA in accomplishing management activities and administrative functions, the Contractor shall provide the services specified elsewhere in this contract.

(c) If performing this contract entails access to sensitive information, as defined above, the Contractor agrees to -

(1) Utilize any sensitive information coming into its possession only for the purposes of performing the services specified in this contract, and not to improve its own competitive position in another procurement.

(2) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.

(3) Allow access to sensitive information only to those employees that need it to perform services under this contract.

(4) Preclude access and disclosure of sensitive information to persons and entities outside of the Contractor's organization.

(5) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in this contract and to safeguard it from unauthorized use and disclosure.

(6) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.

(7) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.

(d) The Contractor will comply with all procedures and obligations specified in its Organizational Conflicts of Interest Avoidance Plan, which this contract incorporates as a compliance document.

(e) The nature of the work on this contract may subject the Contractor and its employees to a variety of laws and regulations relating to ethics, conflicts of interest, corruption, and other criminal or civil matters relating to the award and administration of government contracts. Recognizing that this contract establishes a high standard of accountability and trust, the Government will carefully review the Contractor's performance in relation to the mandates and restrictions found in these laws and regulations. Unauthorized uses or disclosures of sensitive information may result in termination of this contract for

default, or in debarment of the Contractor for serious misconduct affecting present responsibility as a government contractor.

(f) The Contractor shall include the substance of this clause, including this paragraph (f), suitably modified to reflect the relationship of the parties, in all subcontracts that may involve access to sensitive information

H.24 RELEASE OF SENSITIVE INFORMATION (1852.237-73) (JUNE 2005)

(a) As used in this clause, "sensitive information" refers to information, not currently in the public domain, that the Contractor has developed at private expense, that may embody trade secrets or commercial or financial information, and that may be sensitive or privileged.

(b) In accomplishing management activities and administrative functions, NASA relies heavily on the support of various service providers. To support NASA activities and functions, these service providers, as well as their subcontractors and their individual employees, may need access to sensitive information submitted by the Contractor under this contract. By submitting this proposal or performing this contract, the Contractor agrees that NASA may release to its service providers, their subcontractors, and their individual employees, sensitive information submitted during the course of this procurement, subject to the enumerated protections mandated by the clause at 1852.237-72, Access to Sensitive Information.

(c)(1) The Contractor shall identify any sensitive information submitted in support of this proposal or in performing this contract. For purposes of identifying sensitive information, the Contractor may, in addition to any other notice or legend otherwise required, use a notice similar to the following:

Mark the title page with the following legend:

> This proposal or document includes sensitive information that NASA shall not disclose outside the Agency and its service providers that support management activities and administrative functions. To gain access to this sensitive information, a service provider's contract must contain the clause at NFS 1852.237-72, Access to Sensitive Information. Consistent with this clause, the service provider shall not duplicate, use, or disclose the information in whole or in part for any purpose other than to perform the services specified in its contract. This restriction does not limit the Government's right to use this information if it is obtained from another source without restriction. The information subject to this restriction is contained in pages [insert page numbers or other identification of pages].

Mark each page of sensitive information the Contractor wishes to restrict with the following legend:
Use or disclosure of sensitive information contained on this page is subject to the restriction on the title page of this proposal or document.

(2) The Contracting Officer shall evaluate the facts supporting any claim that particular information is "sensitive." This evaluation shall consider the time and resources necessary to protect the information in accordance with the detailed safeguards mandated by the clause at 1852.237-72, Access to Sensitive Information. However, unless the Contracting Officer decides, with the advice of Center counsel, that reasonable grounds exist to challenge the Contractor's claim that particular information is sensitive, NASA and its service providers and their employees shall comply with all of the safeguards contained in paragraph (d) of this clause.

(d) To receive access to sensitive information needed to assist NASA in accomplishing management activities and administrative functions, the service provider must be operating under a contract that contains the clause at 1852.237-72, Access to Sensitive Information. This clause obligates the service provider to do the following:

(1) Comply with all specified procedures and obligations, including the Organizational Conflicts of Interest Avoidance Plan, which the contract has incorporated as a compliance document.

(2) Utilize any sensitive information coming into its possession only for the purpose of performing the services specified in its contract.

(3) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.

(4) Allow access to sensitive information only to those employees that need it to perform services under its contract.

(5) Preclude access and disclosure of sensitive information to persons and entities outside of the service provider's organization.

(6) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in its contract and to safeguard it from unauthorized use and disclosure.

(7) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.

(8) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.

(e) When the service provider will have primary responsibility for operating an information technology system for NASA that contains sensitive information, the service provider's contract shall include the clause at 1852.204-76, Security

Requirements for Unclassified Information Technology Resources. The Security Requirements clause requires the service provider to implement an Information Technology Security Plan to protect information processed, stored, or transmitted from unauthorized access, alteration, disclosure, or use. Service provider personnel requiring privileged access or limited privileged access to these information technology systems are subject to screening using the standard National Agency Check (NAC) forms appropriate to the level of risk for adverse impact to NASA missions. The Contracting Officer may allow the service provider to conduct its own screening, provided the service provider employs substantially equivalent screening procedures.

(f) This clause does not affect NASA's responsibilities under the Freedom of Information Act.

(g) The Contractor shall insert this clause, including this paragraph (g), suitably modified to reflect the relationship of the parties, in all subcontracts that may require the furnishing of sensitive information.

(END OF SECTION)

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
J-3	USTDC Performance Surveillance and Award Fee Plan	14
J-4	Safety and Health Plan	27
J-5	Task Order Pricing Rate Schedule	
	J-5A, ASRC Aerospace Rates	4
	J-5B, University of Central Florida Rates	2
	J-5C, Sierra Lobo Rates	4
J-6	SCA Wage Determination	9
J-7	Pension Plan (to be incorporated after contract award)	**TBD**
J-8	ASRC USTDC Investment Profile	5
J-9	Reserved	
J-10	USTDC Contract Value, Award Fee, and Incentive Fee	42
J-11	USTDC Organizational Conflict of Interest Plan	5

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT (USTDC)

ASRC Policy

Subject: Organizational Conflict of Interest (OCI)

Purpose:

The purpose of this policy is to document ASRC's commitment to comply with OCI regulations and procedures and to ensure that (1) U.S. Government interests are protected, (2) neither ASRC nor its affiliates or subcontractors receive unfair competitive advantage, (3) ASRC's objectivity and judgment are not biased because of its present or planned interests that relate to USTDC work, and (4) proprietary information is adequately protected from unauthorized use or disclosure by ASRC employees, affiliates, and subcontractors.

General:

ASRC at Kennedy Space Center is dedicated to identifying, avoiding, and mitigating OCI, whether actual, potential, or perceived, in all USTDC activities. It is the policy of ASRC to fully comply with the following OCI regulations and any specific OCI provisions contained in applicable requests for proposals (RFPs) and contracts:

a. University-Affiliated Spaceport Technology Development Contract (NAS10-03006)

b. Procurement Integrity Act (41 U.S.C. 423)

c. Federal Acquisition Regulation (FAR) 9.5 and other applicable CFR

d. All other applicable NASA policies and procedures

The work to be performed on the USTDC may require access to ideas, procedures, systems, and confidential information provided and held in trust by employees of the Government or private companies and contractors. ASRC, on behalf of its employees, affiliates, and subcontractors, will preserve the integrity of such entrusted information and take deliberate steps to ensure that the possession of such information does not result in actual or perceived OCI.

Preventing OCI:

ASRC has made a definitive commitment to establishing ethical corporate business practices. To that end, all ASRC employees are required to participate in an annual OCI awareness and prevention training course. Directors, managers, and supervisors are required to participate in a more comprehensive annual course. All employees who have procurement responsibilities are required to participate in additional training in procurement integrity. This may include, but is not limited to ethics training, specific OCI awareness training, and training for understanding of written management policies.

To ensure ASRC, its affiliates, or its subcontractors are not provided an unfair competitive advantage by virtue of access to proprietary information belonging to others, and to comply with the provisions of the USTDC and FAR 9.505-4, as well as other applicable regulations, ASRC shall enter into a nondisclosure agreement with the disclosing party prior to receipt of any proprietary data (Attachment A). This agreement will require the exercise of diligent effort to protect such proprietary data from unauthorized use or disclosure. This includes a limitation of future contracting as set forth in the USTDC (NAS10-03006):

> *If the Contractor, under the terms of this contract, or through the performance of tasks pursuant to this contract, is required to develop specifications or statements of work to be incorporated into a solicitation, the Contractor and any of its subcontractors shall be ineligible to perform the work described in that solicitation as a prime or first-tier subcontractor under an ensuing NASA contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). NASA shall not unilaterally require the Contractor to prepare such specifications or statements of work under this contract.*

Task Order/Subcontract Work Review:

All work that flows down from NASA either in the form of a Task Order or as a resultant subcontract from ASRC will be reviewed by ASRC and any particpating USTDC Team Member or subcontractor for potential OCI. As part of the review of the statement of work and development of the Task Order Plan, ASRC Task Order Managers will work with the USTDC Team Members or potential subcontractors to identify and agree to mitagate any potential for OCI. All participants assigned work under the USTDC will have a complete and thorough OCI Plan prior to assignment of any work and sign an OCI Agreement with ASRC (Attachment B). Reviews will include assessment of potential in all areas of work including system engineering work, preparation of statements of work, the providing of technical direction and the preparation of specifications. Analysis is not to be limited to current conflicts but will also look for future

potential conflicts based on the proprietary and sensitive information included in the task order. Any OCI identified will require a mitigation plan to be submitted before the assignment of the work or, if no OCI is identified, a statement to that effect (Attachment B).

Resolving Actual or Potential OCI:

Upon discovery of actual or potential OCI with respect to the USTDC, a prompt and full disclosure shall be provided in writing to the NASA contracting officer, which shall include a description of ASRC's proposed actions to resolve, avoid, or mitigate the conflict. ASRC shall carry out the resulting directions of the contracting officer and modify, if necessary, its OCI policy, stated herein.

Approved by

John R. Lyon, Program Manager
University-Affiliated Spaceport
Technology Development Contract

Attachment A - ASRC Non-disclosure Agreement

ASRC NON-DISCLOSURE AGREEMENT

1. I, _____, a certify that I will not discuss or reveal any information concerning Task Order # _____ or, Subcontract # _____ to anyone who is not found to require such information as is required in connection with such work on a need-to-know basis.

2. I agree that in my participation I will not share any information between or with any potential contractor that is proprietary information of any other company or contractor.

3. I further agree that at any time I discover that I have or my company has an interest in, or connection with, a company submitting information for evaluation by any team or group on which I support or serve, I shall promptly report, in writing, the fact of my interest or connection, and the nature of it, to the person who has appointed me to the team or group. I recognize that a reportable interest or connection includes the following:

   a. Ownership interest in a competing company by myself, my spouse, minor child or general partner.
   b. A covered relationship (as defined in § 2635.502(b)) with a company, or official thereof, submitting a proposal or a participating as a subcontractor.
   c. Any other interest in or connection with a company which might tend to subject government to criticism on the basis that such interest or connection would result in an Organizational Conflict of Interest whether real or apparent.
   d. I further certify that I have read and understand my company's Organization Conflict of Interest Policy Number _____and Ethics Policy Number _____ applicable to this contract.

5. I certify that I am a United States citizen and I understand my obligations on accessing, handling and distributing information containing proprietary data rights, trade secrets, export controlled data items (International Traffic Arms Regulations [ITAR] and Export Administration Regulations [EAR] data), Sensitive But Unclassified (SBU) data, and classified data.

6. In addition, I fully realize that any breach of my obligation to safeguard and not disclose to unauthorized persons any information made available to me concerning any work in which I particiapte may result in appropriate disciplinary action, provided for by law or regulation, being taken against me by duly constituted authority.

_____ _____

Signature Date

Attachment B - Organizational Conflict of Interest Review Agreement

Date _____

Task Order or SubContract Number _____

Company _____

I hereby certify that I have reviewed the work to be performed under the above cited Task Order or Subcontract and fully recognize and accept the duty to preclude any incident of Organizational Conflict of Interest. The work to be performed may have proprietary or sensitive but unclassified information associated with it that may need to be shared by the assigned workers to this task. I further certify that all information will be used solely for the purpose of that work and will be identified as such and be returned or destroyed when no longer needed for that work. Further, I acknowledge and accept the responsibility to insure the work will not presently nor in any future competition be used to place any individual or entity in a position of advanatage.

Signed: _____

Title: _____

Date: _____

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
54	See Block 16C.	4200154817	

6. ISSUED BY — CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* — CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 — FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net Increase in Obligation Amount of $3,895,797.00

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 (ALT II), FAR 52.232-22 Limitation of Funds and Mutual Agreement of the Parties

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.)*

1. This modification updates the Contract Value, Award Fee and Incentive Fee and adds additional funds. (See Page 2 of modification for details.)

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)*
Martin J. Cummins	Bob R. Pirkle

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/21/2006	BY *(Signature of Contracting Officer)*	4/21/2006

2. This contract modification incorporates the following changes to the contract:

a. Section J – LIST OF ATTACHMENTS; Attachment J-10, CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE. This modification updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of the work authorized on the contract, the contents of the task orders listed in contract attachment J-10 are hereby incorporated by reference.

b. This modification adds funding to the contract in the net amount of $3,895,797.00 for a total contract obligation amount of $93,874,511.56. The funding is considered to be adequate for contract performance through August 30, 2006 per contractor's e-mail dated April 19, 2006

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 13 with the attached revised page 13.
Replace page 13.1 with the attached revised page 13.1. not available - superseded by Mod 52

Section J; Attachment J-10

Replace pages 1 through 48 with the attached revised pages 1 through 54. not available

4. All other terms and conditions remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$98,780,900
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	**Adjusted Target Cost***	**Available Award Fee****	**Earned Award Fee**	**Score**	**Rating**
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05				95	Excellent
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267.00	4/30/2003	$4,334,267
2				$2,208,012.00	5/30/2003	$2,208,012
4				$1,629,276.00	7/11/2003	
5				$1,246,169.00	8/4/2003	
6				$1,813,245.00	9/3/2003	$8,339,265
7				$3,302,408.00	10/17/2003	
8				$2,203,787.00	11/21/2003	$2,097,273
9				$130,141.00	11/21/2003	
10				$2,141,294.00	1/2/2004	$11,453,640
11				$1,583,310.00	2/6/2004	
12				$0.00		($51,803)
13				$3,073,269.00	4/5/2004	
14				$0.00		$4,835,575
15				$1,375,467.00	4/23/2004	
16				$1,801,848.00	5/27/2004	
17				$1,721,746.00	6/18/2004	
18				$0.00		$3,048,651
19				$1,231,987.00	7/8/2004	
20				$76,995.00	7/9/2004	
21				$1,373,128.28	8/6/2004	
22				$4,713,281.00	9/30/2004	
23				$641,201.00	10/8/2004	$4,564,822
24				$1,752,924.00	11/12/2004	
25				$604,026.00	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745.00	12/30/2004	
28				$948,552.00	1/28/2005	
29				$1,077,515.00	2/9/2005	$15,081,736
30	(b)(4)			$0.00		($566,966)
31				$1,281,558.00	3/8/2005	
33				$6,084,443.00	5/31/2005	
34				$3,075,139.00	7/15/2005	$1,277,695
35				$2,701,938.00	8/12/2005	
36				$706,755.00	8/19/2005	
37				$1,526,845.00	8/28/2005	
38				$227,000.00	8/29/2005	$6,846,822
39				$3,113,040.00	9/30/2005	
40				$2,599,032.01	10/31/2005	

See Totals on Page 13.1

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
	(b)(4)					
Total Amount				$97,379,291.56	9/11/2006	$98,780,900

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
53	See Block 16C.	4200151679	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net Increase in Obligation Amount of $10,226,337.00

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.
X	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 ☒ 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.)*

1. This modification adds funding to the contract in the net amount of $10,226,337.00 for a total contract obligation amount of $89,978,714.56. The funding is considered to be adequate for contract performance through August 11, 2006 per contractor's e-mail dated March 27, 2006.

2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1. Not available - Superseded by Mod. 56

Except at 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)*	
		Marlo F. Krisberg	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY Marlo F. Krisberg *(Signature of Contracting Officer)*	3/28/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42				$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
53				$10,226,337.00	8/11/2006	
54				$3,895,797.00	8/30/2006	$15,219,265
56				$3,504,780.00	9/11/2006	
Total Amount				$97,379,291.56	9/11/2006	$98,780,900

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
52	See Block 16C.	4200146880	

6. ISSUED BY CODE OP-MS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

☐ 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net Increase in Obligation Amount of $1,784,268.00

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.
X	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 ☒ 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.)*

1. This modification adds funding to the contract in the net amount of $1,784,268.00 for a total contract obligation amount of $79,752,377.56. The funding is considered to be adequate for contract performance through May 1, 2006 per contractor's e-mail dated February 17, 2006.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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)* Edwin Martinez	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	2/22/2006

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42				$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
52				$1,784,268.00	5/1/2006	
	(b)(4)					
Total Amount				$79,752,377.56	5/1/2006	$83,561,635

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
51	See Block 16C.	4200140866	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200140866, PLI 1 $1,552,688.00
PLI 2 $2,317.00
4200139208, PLI 1 -$70,000.00
420005833, PLI 2 -$22,952.00

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.

X 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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $1,462,053.00, consisting of a funding increase of $1,555,005.00 and a funding decrease of $92,952.00, for a total contract obligation amount of $77,968,109.56. The funding is considered to be adequate for contract performance through March 31, 2006 per contractor's e-mail dated January 24, 2006.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13.1 with the attached revised page 13.1.

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Marco Pochy	16C. DATE SIGNED 1/25/06
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42				$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
47						$15,953,809
48				$1,259,705.00	1/20/2006	
49						($61,865)
50				$2,275,490.00	2/24/2006	
51				$1,462,053.00	3/31/2006	
Total Amount				$77,968,109.56	1/20/2006	$83,561,635

See Totals on Page 13.1

Linda

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
50	See Block 16C.	4200139208	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200139208, PLI 1 $2,275,490.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $2,275,490.00 for a total contract obligation amount of $76,506,056.56. The funding is considered to be adequate for contract performance through February 24, 2006 per contractor's e-mail dated December 14, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	Dec 14, 2005

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING						Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date		
1	(b)(4)			0 $4,334,267.00	04/30/2003		$4,334,267
2				0 $2,208,012.00	05/30/2003		$2,208,012
4				0 $1,629,276.00	07/11/2003		
5				$1,246,169.00	08/04/2003		
6				0 $1,813,245.00	09/03/2003		$8,339,265
7				$3,302,408.00	10/17/2003		
8				$2,203,787.00	11/21/2003		$2,097,273
9				$130,141.00	11/21/2003		
10				$2,141,294.00	01/02/2004		$11,453,640
11				$1,583,310.00	02/06/2004		
12				$0.00			($51,803)
13				$3,073,269.00	04/05/2004		
14				$0.00			$4,835,575
15				$1,375,467.00	04/23/2004		
16				$1,801,848.00	05/27/2004		
17				$1,721,746.00	06/18/2004		
18				$0.00			$3,048,651
19				$1,231,987.00	07/08/2004		
20				$76,995.00	07/09/2004		
21				$1,373,128.28	08/06/2004		
22				$4,713,281.00	09/30/2004		
23				$641,201.00	10/08/2004		$4,564,822
24				$1,752,924.00	11/12/2004		
25				$604,026.00	11/16/2004		
26				$3,932,993.27	12/30/2004		$4,200,702
27				$119,745.00	12/30/2004		
28				$948,552.00	01/28/2005		
29				$1,077,515.00	02/09/2005		$15,081,736
30				$0.00			($566,966)
31				$1,281,558.00	03/08/2005		
33				$6,084,443.00	05/31/2005		
34				$3,075,139.00	07/15/2005		$1,277,695
35				$2,701,938.00	08/12/2005		
36				$706,755.00	08/19/2005		
37				$1,526,845.00	08/28/2005		
38				$227,000.00	08/29/2005		$6,846,822
39				$3,113,040.00	09/30/2005		
40				$2,599,032.01	10/31/2005		

See Totals on Page 13.1

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42	[redacted]	[redacted]		$1,855,902.00	11/30/2005	
43	[redacted]	[redacted]		$2,543,573.00	12/31/2005	
44	[redacted]	[redacted]		$580,749.00	12/31/2005	
45	[redacted]	[redacted]		$838.00	12/31/2005	
46	[redacted]	[redacted]		$1,637,463.00	01/09/2006	
47	[redacted]	[redacted]				$15,953,809
48	[redacted]	[redacted]		$1,259,705.00	01/20/2006	
49	[redacted]	[redacted]				($61,865)
50	[redacted]	[redacted]		$2,275,490.00	02/24/2006	
Total Amount	(b)(4) [redacted]	[redacted]	[redacted]	$76,506,056.56	01/20/2006	$83,561,635

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
49	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

NO CHANGE

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

(✓)

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

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

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

X D. OTHER Specify type of modification and authority)
Award Fee Payment, Section G contract clause G.2 Award Fee for Service Contracts (NFS 1852.216-76)

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.)*

1. This modification incorporates the performance rating, numerical score, and the earned award fee for the performance evaluation period of October 1, 2004 through September 30, 2005.

(See Continuation Page)

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED NOV 28 2005

2. Pursuant to contract clause G.2, NFS 1852.216-76, AWARD FEE FOR SERVICE CONTRACTS (JUN 2000)(MODIFIED), this contract modification incorporates an adjective rating of Excellent, a performance rating of 95, and earned award fee of $1,175,438 for the period of October 1, 2004 through September 30, 2005. Cumulative provisional award fee payments made during this evaluation period were $891,861; therefore the **NET AMOUNT DUE is $283,577**. Contract tables B-1 and B-2 are updated to reflect available and earned award fee.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J Table of Contents

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace pages 13 and 13.1 with the attached revised pages 13 and 13.1.

4. All other contract terms and condition remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$83,561,635
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	**Adjusted Target Cost***	**Available Award Fee****	**Earned Award Fee**	**Score**	**Rating**
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05				95	Excellent
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3			
Incentive Fee			
Contract Period	**Available Incentive Fee***	**Completed WFO****	**Incentive Fee Earned-to-Date*****
Base Period			
03/01/03 to 9/30/07			$101,487
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

(c) Determination of EAF

The amount of award fee earned by the contractor shall be determined in accordance with contract clause G.2 and Attachment J-3, Performance Surveillance and Award Fee Plan.

(d) Determination of EIF

(1) Computation of EIF

The EIF during each contract period will be determined upon completion of each instance of Work for Others (WFO) or after a significant change in AIF, but no more frequently than monthly, using the following formula:

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267.00	04/30/2003	$4,334,267
2				$2,208,012.00	05/30/2003	$2,208,012
4				$1,629,276.00	07/11/2003	
5				$1,246,169.00	08/04/2003	
6				$1,813,245.00	09/03/2003	$8,339,265
7				$3,302,408.00	10/17/2003	
8				$2,203,787.00	11/21/2003	$2,097,273
9				$130,141.00	11/21/2003	
10				$2,141,294.00	01/02/2004	$11,453,640
11				$1,583,310.00	02/06/2004	
12				$0.00		($51,803)
13				$3,073,269.00	04/05/2004	
14				$0.00		$4,835,575
15				$1,375,467.00	04/23/2004	
16				$1,801,848.00	05/27/2004	
17				$1,721,746.00	06/18/2004	
18				$0.00		$3,048,651
19				$1,231,987.00	07/08/2004	
20				$76,995.00	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281.00	09/30/2004	
23				$641,201.00	10/08/2004	$4,564,822
24				$1,752,924.00	11/12/2004	
25				$604,026.00	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745.00	12/30/2004	
28				$948,552.00	01/28/2005	
29				$1,077,515.00	02/09/2005	$15,081,736
30				$0.00		($566,966)
31				$1,281,558.00	03/08/2005	
33				$6,084,443.00	05/31/2005	
34				$3,075,139.00	07/15/2005	$1,277,695
35				$2,701,938.00	08/12/2005	
36				$706,755.00	08/19/2005	
37				$1,526,845.00	08/28/2005	
38				$227,000.00	08/29/2005	$6,846,822
39				$3,113,040.00	09/30/2005	
40				$2,599,032.01	10/31/2005	

See Totals on Page 13.1

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42				$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	01/09/2006	
47						$15,953,809
48				$1,259,705.00	01/20/2006	
49						($61,865)
Total Amount	(b)(4)			$74,230,566.56	01/20/2006	$83,561,635

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
48	See Block 16C.	4200137024	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200137024, PLI 1 $1,156,802.00
4200137024, PLI 2 $ 90,540.00
4200137024, PLI 3 $ 12,363.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $1,259,705.00 for a total contract obligation amount of $74,230,566.56. The funding is considered to be adequate for contract performance through January 20, 2006 per contractor's e-mail dated November 21, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED Nov 21, 2005
(Signature of person authorized to sign)			

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wii cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING			Total Cost & Fee	Adequate through date	Contract Value
	Estimated Cost	Award Fee	Incentive Fee			
1	(b)(4)			$4,334,267.00	04/30/2003	$4,334,267
2				$2,208,012.00	05/30/2003	$2,208,012
4				$1,629,276.00	07/11/2003	
5				$1,246,169.00	08/04/2003	
6				$1,813,245.00	09/03/2003	$8,339,265
7				$3,302,408.00	10/17/2003	
8				$2,203,787.00	11/21/2003	$2,097,273
9				$130,141.00	11/21/2003	
10				$2,141,294.00	01/02/2004	$11,453,640
11				$1,583,310.00	02/06/2004	
12				$0.00		($51,803)
13				$3,073,269.00	04/05/2004	
14				$0.00		$4,835,575
15				$1,375,467.00	04/23/2004	
16				$1,801,848.00	05/27/2004	
17				$1,721,746.00	06/18/2004	
18				$0.00		$3,048,651
19				$1,231,987.00	07/08/2004	
20				$76,995.00	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281.00	09/30/2004	
23				$641,201.00	10/08/2004	$4,564,822
24				$1,752,924.00	11/12/2004	
25				$604,026.00	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745.00	12/30/2004	
28				$948,552.00	01/28/2005	
29				$1,077,515.00	02/09/2005	$15,081,736
30				$0.00		($566,966)
31				$1,281,558.00	03/08/2005	
33				$6,084,443.00	05/31/2005	
34				$3,075,139.00	07/15/2005	$1,277,695
35				$2,701,938.00	08/12/2005	
36				$706,755.00	08/19/2005	
37				$1,526,845.00	08/28/2005	
38				$227,000.00	08/29/2005	$6,846,822
39				$3,113,040.00	09/30/2005	
40				$2,599,032.01	10/31/2005	

See Totals on Page 13.1

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	01/09/2006	
47						$15,953,809
48				$1,259,705.00	01/20/2006	
Total Amount	(b)(4)			$74,230,566.56	01/20/2006	$83,623,500

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
47	See Block 16C.	N/A	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

No Change

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 (ALTII), FAR 52.232-22 Limitations of Funds and Mutual Agreement of the Parties
	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.)*

1. This modification updates the Contract Value, Award Fee, and Incentive Fee.

(see continuation page)

Except at 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)*
DENNIS R WEAVER DIRECTOR BUSINESS OPERATIONS	MARCO POCHY

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	11/14/05	BY *(Signature of Contracting Officer)*	11/14/05

2. This contract modification incorporates the following changes to the contract:

Section J – LIST OF ATTACHMENTS; Attachment J-10, CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE. This modification updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of the work authorized on the contract, the contents of the task orders listed in contract attachment J-10 are hereby incorporated by reference.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.
Replace page 13.1 with the attached revised page 13.1.

Section J; Attachment J-10

Replace pages 1 through 42 with the attached revised pages 1 through 48.

4. All other terms and conditions remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$83,623,500
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3			
Incentive Fee			
Contract Period	**Available Incentive Fee***	**Completed WFO****	**Incentive Fee Earned-to-Date*****
Base Period			
03/01/03 to 9/30/07			$101,487
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

(c) Determination of EAF

The amount of award fee earned by the contractor shall be determined in accordance with contract clause G.2 and Attachment J-3, Performance Surveillance and Award Fee Plan.

(d) Determination of EIF

(1) Computation of EIF

The EIF during each contract period will be determined upon completion of each instance of Work for Others (WFO) or after a significant change in AIF, but no more frequently than monthly, using the following formula:

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267.00	04/30/2003	$4,334,267
2				$2,208,012.00	05/30/2003	$2,208,012
4				$1,629,276.00	07/11/2003	
5				$1,246,169.00	08/04/2003	
6				$1,813,245.00	09/03/2003	$8,339,265
7				$3,302,408.00	10/17/2003	
8				$2,203,787.00	11/21/2003	$2,097,273
9				$130,141.00	11/21/2003	
10				$2,141,294.00	01/02/2004	$11,453,640
11				$1,583,310.00	02/06/2004	
12				$0.00		($51,803)
13				$3,073,269.00	04/05/2004	
14				$0.00		$4,835,575
15				$1,375,467.00	04/23/2004	
16				$1,801,848.00	05/27/2004	
17				$1,721,746.00	06/18/2004	
18				$0.00		$3,048,651
19				$1,231,987.00	07/08/2004	
20				$76,995.00	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281.00	09/30/2004	
23				$641,201.00	10/08/2004	$4,564,822
24				$1,752,924.00	11/12/2004	
25				$604,026.00	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745.00	12/30/2004	
28				$948,552.00	01/28/2005	
29				$1,077,515.00	02/09/2005	$15,081,736
30				$0.00		($566,966)
31				$1,281,558.00	03/08/2005	
33				$6,084,443.00	05/31/2005	
34				$3,075,139.00	07/15/2005	$1,277,695
35				$2,701,938.00	08/12/2005	
36				$706,755.00	08/19/2005	
37				$1,526,845.00	08/28/2005	
38				$227,000.00	08/29/2005	$6,846,822
39				$3,113,040.00	09/30/2005	
40				$2,599,032.01	10/31/2005	

See Totals on Page 13.1

Table B-4
CONTRACT FUNDING

Contract Mod	FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
42	(b)(4)			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	01/09/2006	
47						$15,953,809
	(b)(4)					
Total Amount				$72,970,861.56	01/09/2006	$83,623,500

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
46	See Block 16C.	4200134406	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200134406, PLI 1 $1,637,463.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $1,637,463.00 for a total contract obligation amount of $72,970,861.56. The funding is considered to be adequate for contract performance through January 9, 2006 per contractor's e-mail dated October 27, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED Oct. 28, 2006

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1				$4,334,267.00	4/30/2003	$4,334,267
2				$2,208,012.00	5/30/2003	$2,208,012
4				$1,629,276.00	7/11/2003	
5				$1,246,169.00	8/4/2003	
6				$1,813,245.00	9/3/2003	$8,339,265
7				$3,302,408.00	10/17/2003	
8				$2,203,787.00	11/21/2003	$2,097,273
9				$130,141.00	11/21/2003	
10				$2,141,294.00	1/2/2004	$11,453,640
11				$1,583,310.00	2/6/2004	
12				$0.00		($51,803)
13				$3,073,269.00	4/5/2004	
14				$0.00		$4,835,575
15				$1,375,467.00	4/23/2004	
16				$1,801,848.00	5/27/2004	
17				$1,721,746.00	6/18/2004	
18				$0.00		$3,048,651
19				$1,231,987.00	7/8/2004	
20				$76,995.00	7/9/2004	
21				$1,373,128.28	8/6/2004	
22				$4,713,281.00	9/30/2004	
23				$641,201.00	10/8/2004	$4,564,822
24				$1,752,924.00	11/12/2004	
25				$604,026.00	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745.00	12/30/2004	
28				$948,552.00	1/28/2005	
29				$1,077,515.00	2/9/2005	$15,081,736
30				$0.00		($566,966)
31				$1,281,558.00	3/8/2005	
33				$6,084,443.00	5/31/2005	
34				$3,075,139.00	7/15/2005	$1,277,695
35				$2,701,938.00	8/12/2005	
36				$706,755.00	8/19/2005	
37				$1,526,845.00	8/28/2005	
38				$227,000.00	8/29/2005	$6,846,822
39				$3,113,040.00	9/30/2005	
40				$2,599,032.01	10/31/2005	

See Totals on Page 13.1

42	[redacted]			$1,855,902.00	11/30/2005	
43				$2,543,573.00	12/31/2005	
44				$580,749.00	12/31/2005	
45				$838.00	12/31/2005	
46				$1,637,463.00	1/9/2006	
Total Amount	(b)(4) [redacted]			$72,970,861.56	1/9/2006	$67,669,691

See Totals on Page 13.1

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
45	See Block 16C.	4200134057	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200134057, PLI 1 $838.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $838.00 for a total contract obligation amount of $71,333,398.56. The funding is considered to be adequate for contract performance through December 31, 2005 per contractor's e-mail dated September 30, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	Sept. 30, 2005

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
39				$3,113,040	09/30/2005	
40				$2,559,032.01	10/31/2005	
Total Amount	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1

Table B-4
CONTRACT FUNDING (cont)

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42	(b)(4)			$1,855,902	11/30/2005	
43				$2,543,573	12/31/2005	
44				$580,749	12/31/2005	
45				$838	12/31/2005	
Total Amount	(b)(4)			$71,333,398	12/31/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
44	See Block 16C.	4200133775	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200133775, PLI 1 $393,797.00 4200133775, PLI 2 $186,952.00

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 autnority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $580,749.00 for a total contract obligation amount of $71,332,560.56. The funding is considered to be adequate for contract performance through December 31, 2005 per contractor's e-mail dated September 30, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED Sept. 30, 2005

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
39				$3,113,040	09/30/2005	
40				$2,559,032.01	10/31/2005	
Total Amount	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1

Table B-4
CONTRACT FUNDING (cont)

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42	[redacted]			$1,855,902	11/30/2005	
43				$2,543,573	12/31/2005	
44				$580,749	12/31/2005	
Total Amount	(b)(4) [redacted]			$71,332,560	12/31/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
43	See Block 16C.	4200129089 & 4200133155	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

4200129089, PLI 3 $ 33,143.00
4200129089, PLI 4 $2,123,359.00
4200129089, PLI 5 $ 316,971.00
4200133155, PLI 1 $70,100.00

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $2,543,573.00 for a total contract obligation amount of $70,751,811.56. This action obligates $2,473,473.00 from PR 4200129089 PLIs 3, 4 and 5, and $70,100.00 from PR 4200133155 PLI 1. The funding is considered to be adequate for contract performance through December 31, 2005 per contractor's e-mail dated September 22, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

Except at 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)* Marco Pochy	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED Sept. 23, 2005
(Signature of person authorized to sign)			

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1				$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
39				$3,113,040	09/30/2005	
40				$2,559,032.01	10/31/2005	
Total Amount	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1

Table B-4
CONTRACT FUNDING (cont)

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42				$1,855,902	11/30/2005	
43				$2,543,573	12/31/2005	
Total Amount				$70,751811.56	12/31/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
42	See Block 16C.	4200125715	

6. ISSUED BY CODE CP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

4200125715, PLI 1 $1,324,372.00
4200125715, PLI 2 $ 36,426.00
4200125715, PLI 3 $ 495,104.00

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

(X) 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 ☒ 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.)

1. This modification adds incremental funding to the contract in the net amount of $1,855,902.00 for a total contract obligation amount of $68,208,238.56. This action obligates $1,855,902.00 from PR 4200125715 PLIs 1, 2 and 3. The funding is considered to be adequate for contract performance through November 14, 2005 per contractor's e-mail dated August 22, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13 and add page 13.1.

Except at 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) Marco Pochy	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED August 22, 2005

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
Computer Generated

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1				$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
39				$3,113,040	09/30/2005	
40				$2,559,032.01	10/31/2005	
Total Amount	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1	See page 13.1

Table B-4
CONTRACT FUNDING (cont)

Contract Mod#	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
42	(b)(4)			$1,855,902	11/30/2005	
Total Amount	(b)(4)			$68,208,238.56	11/30/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
41	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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: Mutual Agreement of the Parties
	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.)

1. This modification incorporates changes to contract attachment J-8 ASRC TEAM INVESTMENT PROFILE and J-5B UNIVERSITY OF CENTRAL FLORIDA (UCF) TASK ORDER PRICING RATE SCHEDULE.

(See Continuation Page)

Except at 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)	
DENNIS A WEAVER DIRECTOR BUSINESS OPERATIONS	JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	8/3/05	BY (Signature of Contracting Officer)

16C. DATE SIGNED 8/4/05

2. The ASRC Team Investment Profile, contract attachment J-8, is being amended to reflect a redirection of several proposed investments towards the creation of a Spaceport Nanotechnology and Self-Healing Applications Center (SNASAC). This contract change does not relieve ASRC Aerospace of their commitment to investing in the USTDC and the Spaceport Technology Product Lines, nor does it change the total amount of investment originally proposed.

3. The UCF Task Order Pricing Rate Schedule, contract attachment J-5B, is being amended to add an additional labor classification and to update out year rates based on more current cost information provided by UCF.

4. The following pages changes shall be made to incorporate the above changes:

Attachment J-5B UCF Task Order Pricing Rate Schedule

Replace pages 1 and 2 with the attached revised pages 1 and 2.

Attachment J-8 ASRC Team Investment Profile

Replace pages 1 through 4 with the attached revised pages 1 through 5.

5. All other terms and conditions remain unchanged.

Contract Attachment J-5B
Modification No. 41

UNIVERSITY AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Subcontractor: UNIVERSITY of CENTRAL FLORIDA

☐ BASIC
☐ OPTIONS

☐ On-Site UCF
☒ On-Site KSC

FULLY BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 2004		GFY 2005		GFY 2006		GFY 2007		GFY 2008	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
PROFESSOR	[redacted]									
ASSOCIATE PROFESSOR										
ASSISTANT PROFESSOR										
POST-DOCTORAL ASSOCIATE										
GRADUATE RESEARCH ASSISTANT										
UNDERGRADUATE ASSISTANT										
RESEARCH ASSOCIATE										

Note: Average labor rates shown are for general estimating only. UCF invoices labor at actual hourly rates paid to faculty and staff charged to research projects plus applicable fringe benefits and indirect costs. Actual labor costs may be more or less than those shown here.

NOTE: YEARS 2006, 2007 AND 2008 NEW RATES AND THE ADDITION OF PLC RESEARCH ASSOCIATE

Contract Attachment J-5B
Modification No. 41

UNIVERSITY AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Subcontractor: UNIVERSITY of CENTRAL FLORIDA

☐ BASIC
☐ OPTIONS

☒ On-Site UCF
☐ On-Site KSC

FULLY BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 2004		GFY 2005		GFY 2006		GFY 2007		GFY 2008	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
PROFESSOR										
ASSOCIATE PROFESSOR										
ASSISTANT PROFESSOR										
POST-DOCTORAL ASSOCIATE										
GRADUATE RESEARCH ASSISTANT										
UNDERGRADUATE ASSISTANT										
RESEARCH ASSOCIATE										

Note: Average labor rates shown are for general estimating only. UCF invoices labor at actual hourly rates paid to faculty and staff charged to research projects plus applicable fringe benefits and indirect costs. Actual labor costs may be more or less than those shown here.

NOTE: YEARS 2006, 2007 AND 2008 NEW RATES AND THE ADDITION OF PLC RESEARCH ASSOCIATE

ASRC USTDC INVESTMENT PROFILE

PAGES 1-5

REDACTED IN THEIR ENTIRETY

SECTION J, Attachment 8, Mod 41

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
40	See Block 16C.	4200121514	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $2,599,032.01

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.

X 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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $2,599,032.01 for a total contract obligation amount of $66,352,336.56. This action obligates $2,743,343 from PR 4200121514 and de-obligates $144,311.99 of existing contract funding resulting in a net increase of $2,599,032.01. The funding is considered to be adequate for contract performance through October 31, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13 with the attached revised page 13.

3. All other terms and conditions remain unchanged.

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 7/27/05

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1				$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
39				$3,113,040	09/30/2005	
40				$2,559,032.01	10/31/2005	
Total Amount				$66,352,336.56	10/31/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
39	See Block 16C.	4200117965	

6. ISSUED BY CODE OP-OS
NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(0) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $3,113,040

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

(0)	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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $3,113,040 for a total contract obligation amount of $63,753,304.55. This action obligates $3,545,436 from PR 4200117965 and de-obligates $432,396 of existing contract funding resulting in a net increase of $3,113,040. The funding is considered to be adequate for contract performance through September 30, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13 with the attached revised page 13.

3. All other terms and conditions remain unchanged.

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 6/22/05

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
	(b)(4)					
1				$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
39				$3,113,040	09/30/2005	
Total Amount				$63,753,304.55	09/30/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
38	See Block 16C.	4200114766	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(D)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net increase in obligation amount of $227,000

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

(D)	
	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 (ALTII), FAR 52.232-22 Limitations of Funds and Mutual Agreement of the Parties
	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.)

1. This modification adds incremental funding and updates the Contract Value, Award Fee, and Incentive Fee.

(see continuation page)

Except at 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)
DENNIS R WEAVER. DIRECTOR BUSINESS OPS	JOHN M. VONDENHUEVEL
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
drweaver (Signature of person authorized to sign)	6/21/05
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 6/22/05

2. This contract modification incorporates the following changes to the contract:

   a. Section J – LIST OF ATTACHMENTS; Attachment J-10, CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE. This modification updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of the work authorized on the contract, the contents of the task orders listed in contract attachment J-10 are hereby incorporated by reference.

   b. This modification adds incremental funding to the contract in the amount of $227,000 for a total contract obligation amount of $60,640,264.55. The funding is considered to be adequate for contract performance through August 29, 2005.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J; Attachment J-10

Replace pages 1 through 42 with the attached revised pages 1 through 42.

4. All other terms and conditions remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$67,669,691
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3			
Incentive Fee			
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			$38,478
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

(c) Determination of EAF

The amount of award fee earned by the contractor shall be determined in accordance with contract clause G.2 and Attachment J-3, Performance Surveillance and Award Fee Plan.

(d) Determination of EIF

(1) Computation of EIF

The EIF during each contract period will be determined upon completion of each instance of Work for Others (WFO) or after a significant change in AIF, but no more frequently than monthly, using the following formula:

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
38				$227,000	08/29/2005	$6,846,822
Total Amount				$60,640,264.55	08/29/2005	$67,669,691

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
NAS10-03006	1	1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
37	See Block 16C.	4200113307	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $1,526,845

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.
X	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: FAR 52.243-2 Changes (ALTII), FAR 52.232-22 Limitations of Funds and Mutual Agreement of the Parties
	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.)*

1. This modification adds incremental funding to the contract in the amount of $1,526,845 for a total contract obligation amount of $60,413,264.55. The funding is considered to be adequate for contract performance through August 28, 2005.

2. The following page changes shall be made to the contract to incorporate the above modification:

Section B: Replace page 13 with the attached revised page 13.

3. All other terms and conditions remain unchanged.

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	05/17/2005

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
37				$1,526,845	08/28/2005	
Total Amount				60,413,264.55	08/28/2005	$60,822,869

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
36	See Block 16C.	4200109685	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $706,755

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 (ALTII), FAR 52.232-22 Limitations of Funds and Mutual Agreement of the Parties
	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.)*

1. The purpose of this modification is to add incremental funding and to make other changes in terms and conditions as described below.

(See Continuation Page)

Except at 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)*
DENNIS R WEAVER DIRECTOR BUSINESS OPS	JOHN M. VONDENHUEVEL

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/18/05	BY *(Signature of Contracting Officer)*	4/19/05

2. This contract modification incorporates the following changes to the contract:

   a. This modification adds incremental funding to the contract in the amount of $705,755 for a total contract obligation amount of $58,886,419.55. The funding is considered to be adequate for contract performance through August 19, 2005.
   b. Section B – SUPPLIES OR SERVICES AND PRICE/COSTS, paragraph B.2.d is amended to incorporate language to change the Work For Others (WFO) Earned Incentive Fee (EIF) calculation to address the use of directly funded KSC Civil Service labor on approved WFO projects and also to allow the Contractor to bill for a portion of the EIF at the end of each Contract Year on approved multi-year WFO projects.
   c. Section H – SPECIAL CONTRACT REQUIRERMENTS, clause H.18 WORK FOR OTHERS, paragraph B, is amended to add language to address WFO efforts performed at other Government and Contractor facilities.

3. The changes described above have resulted additional pages in the contract schedule. While many pages have been renumbered only a few actual changes have been made to the content and those changes are clearly marked with change bars. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace pages 8 and 9 with the attached revised pages 8 and 9.
Replace page 13 with the attached revised page 13.

Section H

Replace pages 43 through 52 with the attached revised pages 43 through 53.

Section I

Replace pages 53 through 61 with the attached revised pages 54 through 62.

Section J, Table of Contents

Replace page 62 with the attached revised page 63.

4. All other terms and conditions remain unchanged.

Table B-3			
Incentive Fee			
Contract Period	**Available Incentive Fee***	**Completed WFO****	**Incentive Fee Earned-to-Date*****
Base Period			
03/01/03 to 9/30/07			$35,198
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

(c) Determination of EAF

The amount of award fee earned by the contractor shall be determined in accordance with contract clause G.2 and Attachment J-3, Performance Surveillance and Award Fee Plan.

(d) Determination of EIF

(1) Computation of EIF

The EIF during each contract period will be determined upon completion of each instance of Work for Others (WFO) or after a significant change in AIF, but no more frequently than monthly, using the following formula:

$$EIF = AIF \times \frac{\text{Cumulative actual value of completed WFO + KSCL}}{\text{Target value of WFO}}$$

where,

AIF = cumulative incentive fee that becomes available within each contract period in accordance with Subsection (b), above, plus any unearned incentive fee carried over from a prior contract period.

Cumulative = sum of all the instances of WFO completed during a contract period.

Actual value = shall be based upon the final amount payable to the contractor by its customer after resolution of any adjustments.

KSCL = KSC Civil Servant Labor supporting the approved project but directly funded by the customer. Directly funded means that funding for KSC civil service labor was provided directly to the KSC Chief Financial Office by another Government entity and was not included as a reimbursable cost by the Contractor in their WFO Project Approval submittal.

Completed = when an instance of WFO has been finished, its final value agreed to by the contractor and its customer, and all costs and/or fees due the Government associated therewith, if any, have been reimbursed. As each instance of WFO is completed the contractor shall so notify the Contracting Officer in writing with such appropriate documentation as the Contracting Officer may require and, upon verification thereof, the Contracting Officer will modify Table B-3 accordingly. For EIF determination purposes an instance of WFO will be counted in the contract period in which it is completed. On approved multi-year WFO projects, the Contractor may bill for a portion of the EIF at the end of each Contract Year. The amount of EIF will be based on the value of the completed work on the WFO project during the Contract Year.

Target value of WFO = total value of WFO anticipated in each contract period as follows:

Contract Period	Target Value of WFO
Award – 9/30/07	$20,000,000
10/01/07 – 9/30/08	TBD*
10/01/08 – 9/30/09	TBD*
10/01/09 – 9/30/10	TBD*
10/01/10 – 9/30/11	TBD*
10/01/11 – 9/30/12	TBD*
TOTAL	**TBD***

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(1) (b)(4)			4 $4,334,267	4/30/2003	$4,334,267
2				0 $2,208,012	5/30/2003	$2,208,012
4				5 $1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				6 $ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
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18						$ 3,048,651
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20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
36				$706,755	08/19/2005	
Total Amount				$58,886,419.55	08/19/2005	$60,822,869

performing services, or for any administrative or general plant purpose), special tooling and special test equipment. Facilities do not include materials.

Government Material -- Property that may be incorporated into or attached to an end item or consumed or expended during manufacture, testing or providing services.

B. AGREEMENTS & APPROVALS

The Contractor shall obtain approval of the Contracting Officer for Work for Others (WFO) before committing to perform the work. The Contractor shall informally partner with the Government to identify and discuss potential WFO as far in advance of seeking formal approval as is practical. The Contractor shall obtain formal approval for each instance of WFO by submitting a written request to the Contracting Officer which, at a minimum, shall contain the following information, terms, and conditions:

1. Name and address of the customer.
2. Description of the work to be performed and estimated contract value.
3. Identification of the KSC resources/facilities and Government personnel required for accomplishing the work (including the estimated number of labor hours and estimated cost of support needed).
4. An explanation of the unique nature of the Government-owned facilities and/or USTDC/Government expertise (or combinations thereof) that is not available from commercial sources and justify acceptance of the work.
5. Schedule for accomplishment of the work and impact, if any, on other ongoing activities.
6. Certification that the following terms and conditions are flowed down, when applicable, to the proposed WFO agreement:

   H.18 "Work for Others," subparagraphs (D) Priority of Use, (E) Liability and Risk of Loss, (F) Intellectual Property, Patent & Invention Rights, (G) News Releases & Publications, (H) Security & Export Control, (I) Safety & Health, (J) Independence of Contracts; and other clauses as may be required by the Contracting Officer.

7. A copy of the WFO draft agreement, if available. If the draft agreement is not available prior to submittal of the request, the Contractor will provide a copy of the agreement to the Government before commencement of work.

If the approved project includes work that is to be performed at another Federal Government installation or at contractor facilities, the total value of the effort will be counted toward the overall WFO goal, as established in the Contractor's Internal Surveillance Plan (ISP) (DRD-002), but will not be included in the Earned Incentive Fee (EIF) calculation described in Paragraph B.2(d) of the USTDC contract.
The only effort included in the EIF calculation will be the completed value of the effort performed at KSC plus any directly funded KSC civil service labor approved for the project.

C. FINANCIAL OBLIGATIONS

1. General

a. The Contractor shall provide consideration to NASA KSC in connection with Government-provided property and services utilized for Work for Others under the authority of this provision. Pursuant to the direction of the Contracting Officer, consideration may be in the form of cash payment from the Contractor to NASA KSC or a credit to the Government under the USTDC contract.

b. The specific cost components, reimbursement procedures, methodologies, and points of contact and authorities will be established annually in a written procedure.

Generally, reimbursable and creditable costs will include, but may not be limited to the following categories:

- Rent or other appropriate consideration for use of Government property in accordance with FAR 45.403 and FAR 45.404(c).

- Actual cost of Government personnel directly supporting a project (including payroll additives, fringe benefits and G&A).

- Actual cost of Government-provided material, utilities, support services and appropriate overheads.

2. Reimbursement of Government Direct Labor and Other NASA Costs

a. The Contractor will be required to forward advance payments to NASA for all estimated NASA reimbursable costs prior to commencement of work associated with an approved WFO project. For multi-year WFO projects, the Contractor may propose an alternate payment schedule subject to the approval of the Government.

b. Payment shall be made in the form of a check payable to "NASA Kennedy Space Center" and sent to:

National Aeronautics and Space Administration
John F. Kennedy Space Center
"Collections Agent"
Mail Code: GG-B-C
Kennedy Space Center, FL 32899

c. NASA KSC's activities under or pursuant to this provision are subject to the availability of appropriated funds, and no provision herein shall be interpreted to require obligations or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341.

D. PRIORITY OF USE

It will be the Contractor's overall responsibility to schedule and manage use of assigned Government-furnished facilities to accommodate contract work and Work for Others in a manner to assure the timely, within cost, delivery of quality products and services for all. Since Work for Others projects are subject to Government approval and each request for approval will address scheduling issues, scheduling and priority of use conflicts should be rare. However, in the event circumstances should arise in which the Government requires use of facilities and/or personnel scheduled for use on Work for Others, the Contracting Officer will direct that the Government work shall take precedence and the Contractor shall immediately proceed with the Government work. NASA will make every reasonable effort to ensure that ongoing and planned Work for Others is not impacted and the exercise of the authority herein stated to require displacement of Work for Others in order to accomplish Government work will be exercised only to the extent necessary to protect the interests of the Government. Such direction will be given only after the Center Director makes a determination that a federal emergency or an event of significant public interest requires the exercise of Government priority.

E. LIABILITY AND RISK OF LOSS

1. General

a. The Contractor and Other(s) waive and agree not to make any claims against the U.S. Government or U.S. Government Contractors or subcontractors, for damage arising from or related to activities under this provision, whether such damage is caused by negligence or otherwise, except in the case of willful misconduct.

b. In addition, the Contractor and Other(s) agree to indemnify and hold the U.S. Government or its Contractors or subcontractors harmless from any claim, judgment, or cost arising from the injury to or death of any person, or for damage to or loss of any property, including U.S. Government property, as a result of activities under this provision, whether such damage is caused by negligence or otherwise, except in the case of willful misconduct.

c. In the event that Other(s) will need to directly participate in Work for Others activities at KSC, the Other(s) will be required to have the same insurance coverage as the USTDC contractor under contract clause H.4, "Minimum Insurance Coverage" (NASA 1852.228-75), unless Other(s) is statutorily authorized to self-insure. Additionally, in those circumstances where the Work for Others activities will involve hazardous operations that place government facilities at risk, the Contracting Officer may require that the Other(s) provide property damage insurance, or an agreement on an alternative method of protection, as discussed in contract clause H.18.E.2

2. Insurance for Damage to NASA Property

a. For purposes of this article, the following definitions shall be applicable:

(1). "Liability" shall include payments made pursuant to United States' treaty, any judgment by a court of competent jurisdiction, administrative and litigation costs, and settlement payments.
(2). "Damage" shall mean bodily injury to, or other impairment of health of, or death of any person; damage to, loss of, or loss of use of any property; soil, sediment, surface water, ground water, or other environmental contamination or damage; loss of revenue or profits; other direct damages; or any indirect, or consequential damage arising therefrom.

b. Damage to Government Property:

(1). Where required by NASA, within a reasonable time before Other(s) begin to have access to or use of U.S. Government property or services, Other(s) shall obtain or arrange to obtain, at no cost to NASA, insurance to cover the cost of replacing, repairing, or the fair market value of, as reasonably determined by the U.S. Government, any U.S. Government property (real or personal), which property is damaged as a result of any performance of this agreement, including performance by the U.S. Government or the U.S. Government's contractors or subcontractors. Upon obtaining the insurance required under this paragraph, or upon obtaining any modification or amendment thereof, Other(s) shall personally deliver, or send by registered or certified mail, postage prepaid, two copies of such insurance policy, or such modification or amendment, to NASA at the following address, or at such address as NASA may, from time to time, designate in writing:

National Aeronautics and Space Administration
Office of the Chief Counsel
Mail Code CC
Kennedy Space Center, FL 32899

(2). The insurance required under this subparagraph shall provide coverage in an amount acceptable to NASA. All terms and conditions in the policy shall be acceptable to NASA, and shall require 30 days notice to NASA of any cancellation or change affecting coverage. The policy shall name the United States as an insured and shall cover all risks of loss except that it may exclude damage caused by the U.S. Government's willful misconduct. The insurance policy shall provide that the insurer waives its right as a subrogee against U.S. Government contractors, subcontractors, or related entities for damage.

(3). In the event Other(s) is unable to obtain insurance coverage required by subparagraph b(1) above, the parties agree to consider, subject to review, approval and agreement by NASA, alternative methods of protecting U.S. Government property (e.g., by an agreement to indemnify the U.S. Government for such damages).

(4). An insurance policy whose terms and conditions are reviewed and approved by NASA, or an agreement on an alternative method of protection, is a condition precedent to Other(s)' access to or use of U.S. Government property or U.S. Government services under this agreement.

F. INTELLECTUAL PROPERTY, PATENT AND INVENTION RIGHTS

The following intellectual property provisions apply to the activities of Government personnel directly supporting the Contractor's Work for Others pursuant to this provision.

1. General:
   Data exchanged between NASA, the Contractor and/or other party(s) in support of Work for Others will be exchanged without restriction as to its disclosure, use or duplication except as otherwise marked or as otherwise provided in this provision. No preexisting proprietary data will be provided by NASA under this agreement unless specifically authorized, in writing, by the owner of the proprietary data.

2. Data First Produced by NASA:
   As to data first produced by NASA in carrying out NASA's responsibilities in support of Work for Others and which data would embody trade secrets or would comprise commercial or financial information that is privileged or confidential if it had been obtained from the Contractor or other party(s), such data will, to the extent permitted by law, be appropriately marked with a notice or legend and maintained in confidence for a period of time to be agreed upon after development of the information, with the express understanding that, during the aforesaid period, such data may be disclosed and used by NASA under suitable protective conditions, for the express purpose of carrying out NASA's responsibilities in support of Work for Others. Upon completion of these activities, such data will be disposed of as requested by the Contractor and/or other party(s).

3. Data First Produced by Contractor and/or other party(s):
   In the event it is necessary for the Contractor and/or the other party(s) to furnish NASA with data that either existed prior to, was produced outside of, or is first produced by the Contractor and/or other party(s) in carrying out the Contractor's and/or other party(s) responsibilities in support of Work for Others, and such data embody trade secrets or comprise commercial or financial information that is privileged or confidential and such data is so identified with a suitable notice or legend, the data will be maintained in confidence and disclosed and used by NASA and its Contractors, under suitable protective conditions, only for the purpose of carrying out NASA's responsibilities in support of Work for Others. Upon completion of these activities, such data will be disposed of as requested by the owner of the data.

4. Data Disclosing an Invention:
   In the event data exchanged between NASA and the Contractor and/or other party(s) discloses an invention for which patent protection is considered and the furnishing party specifically so identifies such data, the receiving party agrees to withhold such data from public disclosure for a reasonable time (presumed to be 1 year unless otherwise mutually agreed to) in order for patent protection to be obtained.

Copyright:

In the event data is exchanged with a notice indicating that the data is protected under copyright, such data will be presumed to be published and the following paid-up license shall apply:

a. If it is indicated on the data that the data existed prior to, or was produced outside of this provision, the receiving party and others acting on its behalf, may reproduce, distribute, and prepare derivative works for the purpose of carrying out the receiving party's responsibilities under this provision.

b. If the furnished data does not contain the indication of (1) above, it will be assumed that the data was first produced in support of Work for Others, and the receiving party and others acting on its behalf, may reproduce, distribute, and prepare derivative works for any of its own purposes whatsoever.

5. Disclaimer of Liability:

Notwithstanding the above, NASA shall not be restricted in, nor incur any liability for, the disclosure and use of Data not identified with a suitable notice or legend as set forth in paragraph 3 above. Information contained in any data for which disclosure and use is restricted under paragraphs 2 and 3 above, if such information is or becomes generally known without breach of the above, is known to or is generated by NASA independently of carrying out NASA's responsibilities in support of Work for Others, is rightfully received from a third party without restriction, or is included in data which the Contractor and/or other party(s) has, or is required to furnish to the U.S. Government without restriction on disclosure and use.

6. Data Subject to Export Control:
Technical data, whether or not specifically identified or marked, that is subject to the export control laws and regulations of the United States and that is provided to the Contractor and/or other party(s) in support of Work for Others will be treated as such, and will not be further provided to any foreign persons without proper U.S. Government authorization, where required.

7. NASA Inventions:
NASA will use reasonable efforts to report inventions made by NASA employees as a consequence of the performance of specified NASA activities in support of Work for Others. Upon request, NASA will use reasonable efforts to grant the Contractor and/or other party(s), in accordance with the requirements of 37 CFR Part 404 an exclusive, irrevocable, royalty-free license, except for the repayment of U.S. Government prosecution costs, on terms to be subsequently negotiated to any NASA invention that may be in support of Work for Others and on which NASA decides to file a patent application. This license will be subject to the rights reserved in paragraph 10, below.

8. Joint Inventions with Contractor and/or other party(s):
NASA and the Contractor and/or other party(s) agree to use reasonable efforts to identify and report to each other any inventions made jointly between NASA employees and employees of the Contractor and/or other party(s). Upon request, NASA will agree to refrain from exercising its undivided interest in a manner inconsistent with the Contractor and/or other party(s) commercial interests and to cooperate with the Contractor and/or other party(s) in obtaining patent protection on the Contractor and/or other party(s) undivided interest, subject to the applicable rights reserved in paragraph 10, below.

9. Rights to be Reserved in the Contractor and/or Other Party(s) License:
Any license granted to the Contractor and/or other party(s) pursuant to paragraphs 9 or 10 above will be subject to the reservation of the following rights:

As to inventions made solely by, or jointly between NASA and the Contractor and/or other party(s), the irrevocable, royalty-free right of NASA to practice or have practiced the invention by or on behalf of NASA for research, experimental or demonstration purposes.

10. Protection of Reported Inventions:
When inventions are reported and disclosed between the parties in accordance with the provisions of this clause, the receiving party agrees to withhold such reports or disclosures from public access for a reasonable time, presumed to be one year unless otherwise mutually agreed, in order to facilitate the allocation and establishment of the invention and patent rights under these provisions.

11. Patent Filing Responsibilities and Costs:

The invention and patent rights set forth herein shall apply to any patent applications filed and patents obtained in any country, and each party is responsible for its own costs of preparing, prosecuting, issuing, and maintaining patents covering sole inventions in any country; except NASA and the Contractor and/or other party(s) may, upon the reporting of any invention (sole or joint) or in any license option granted, mutually agree otherwise for any country as to patent application preparation, filing and prosecution responsibilities and costs, and maintenance responsibilities and costs.

G. NEWS RELEASES AND PUBLICATIONS

The parties (NASA, the USTDC Contractor, & Others) agree to coordinate in advance any news releases and/or widely distributed publications that result from activities performed pursuant to this provision. This coordination shall entail notifying the respective points of contact of the proposed news release or publication in sufficient time to allow the other party an opportunity to review and comment as deemed appropriate. None of the parties shall issue a news release or publication prior to the consent of the respective parties' points of contact.

H. SECURITY & EXPORT CONTROL

Access to and use of NASA KSC facilities by Other(s) will be subject to instructions and procedures as described in Kennedy Handbook KHB 1610.1, Revision C "KSC Security Handbook", and NASA Policy Directive NPD 1371.5 "Coordination and Authorization of Access by Foreign Nationals and Foreign Representatives to NASA", which is applicable to NASA Headquarters and NASA Centers (including Component Facilities). In conducting Work for Others at Kennedy Space Center, the USTDC Contractor and Other(s) shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799. In the absence of available license exemptions/exceptions, the Contractor and/or Other(s) shall be responsible for obtaining the appropriate licenses or approvals, if required, for the export of hardware, technical data, and software, or for the provision of technical assistance. Additionally, should the Contractor and/or Other(s) employ foreign nationals to participate in Work for Other(s) activities at Kennedy Space Center, the Contractor / Other(s) shall be responsible for obtaining export licenses, if required, before utilizing such foreign nationals in such activities, including instances where the foreign nationals will have access to export controlled technical data or software at Kennedy Space Center facilities.

I. SAFETY & HEALTH

All agreements entered into by the USTDC Contractor with Other(s) shall incorporate the USTDC Contractor's approved Safety and Health Plan, which Plan shall be binding upon the Other(s) during the conduct of their activities at the Kennedy Space Center.

J. INDEPENDENCE OF CONTRACTS

The parties concur that this contract and the authorities and conditions of this provision are independent of any contract between the Contractor and other parties for the conduct of "Work for Others." By authorizing the Contractor to perform Work for Others, NASA makes no assurances to the Contractor or others as to performance of the objects tested in NASA facilities or other test objects, and relieves the Contractor of none of its obligations under any other contract, grant, or other agreement. This provision does not constitute NASA's endorsement of any test results, resulting designs, hardware, or other matters.

K. AGREEMENT TO ASSUME OBLIGATION TO TECHNOLOGICAL RESEARCH DEVELOPMENT AUTHORITY (CRYOGENIC TESTBED FACILITY)

The Technological Research and Development Authority (TRDA) of the State of Florida operates a program titled "Investment Initiative for Energy Technologies." Under this program the TRDA provided funds to Dynacs Engineering Company, Inc., the predecessor Contractor to this contract, for development of the KSC cryogenic testbed facility (CTF). The CTF is one of the facilities for which the Contractor shall be responsible and in which work may be conducted for Others. An agreement was

executed between TRDA and Dynacs setting forth certain obligations upon Dynacs in consideration for the funds provided by TRDA. The principal obligations are that Dynacs develop the market for and engage in the commercialization of the CTF and make royalty payments to TRDA from all non-NASA revenues received in connection therewith. No minimum royalty payments are required. The agreement was effective January 22, 1999 and has a term of ten years. The agreement provides for novation or assignment to the successor Contractor in the event NASA contracts with another company than Dynacs for operation of the CTF. Since the Contractor is the successor to Dynacs for operation of the CTF, the Contractor agrees to immediately enter into discussions with TRDA to accept assignment of and be bound by its agreement with Dynacs or to enter into a replacement agreement mutually agreeable to TRDA and the Contractor. However, in no event shall the Contractor enter into a replacement agreement without the prior review and approval of NASA.

H.19 TASK ORDERING PROCEDURE (NFS 1852.216-80)(OCT 1996)

(a) Only the Contracting Officer may issue Task Orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of Task Orders and Task Order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a Task Order, the Contracting Officer shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated Task Order.
(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.
(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within 15 working days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

(d) After review and any necessary discussions, the Contracting Officer may issue a Task Order to the Contractor containing, as a minimum, the following:

(1) Date of the order.
(2) Contract number and order number.
(3) Functional description of the work identifying the objectives or results desired from the Task Order, including special instructions or other information necessary for performance of the task.
(4) Performance standards, and where appropriate, quality assurance standards.
(5) Maximum dollar amount authorized (cost and fees). This includes allocation of award fee among award fee periods, if applicable.
(6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.
(7) Delivery/performance schedule including start and end dates.

(8) If contract funding is by individual Task Order, accounting and appropriation data.

(e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within 3 working days after receipt of the Task Order.

(f) If time constraints do not permit issuance of a fully defined Task Order in accordance with the procedures described in paragraphs (a) through (d), a Task Order which includes a ceiling price may be issued.

(g) The Contracting Officer may amend tasks in the same manner in which they were issued.

(h) In the event of a conflict between the requirements of the Task Order and the Contractor's approved task plan, the Task Order shall prevail.

H.20 ESTABLISHMENT OF THE SPACEPORT RESEARCH AND TECHNOLOGY INSTITUTE (SRTI)

The Contractor shall be responsible for establishing the Spaceport Research and Technology Institute (SRTI). In addition, the Contractor shall engage the Director of SRTI within six to eight months of contract award. For six to eight months, the Contractor shall provide an Interim Director of SRTI, located primarily at Kennedy Space Center (KSC). Both the Permanent Director of SRTI and the Deputy Director of SRTI shall be located full time at the Kennedy Space Center (KSC).

H.21 ASRC TEAM INVESTMENT PROFILE

The contractor shall provide the specific features and activities of it's investment commitment as described in Section J, Attachment 8.

H-22 NASA SYSTEM ADMINISTRATOR SECURITY CERTIFICATION PROGRAM

1. In addition to any other requirements of this contract, all individuals who perform tasks as a system administrator or have authority to perform tasks normally performed by a system administrator shall be required to demonstrate knowledge appropriate to those tasks. This demonstration, referred to as the NASA System Administrator Security Certification, is a NASA funded two-tier assessment to verify that system administrators are able to: a) Demonstrate knowledge in system administration for the operating systems for which they have responsibility and b) Demonstrate knowledge in the understanding and application of Network and Internet Security.

2. Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The NASA Chief Information Officer has established the criteria for this skills assessment. The objectives and procedures for this certification can be obtained by contacting the IT Security Awareness and Training Center at (216) 433-2063.

3. A system administrator is one who provides IT services, network services, files storage, web services, etc. to someone else other than themselves and takes or assumes the responsibility for the security and administrative controls of that service or machine. A lead system administrator has responsibility for information technology security (ITS) for multiple computers or network devices represented within a system; ensuring all devices assigned to them are kept in a secure configuration (patched/mitigated); and ensuring that all other system administrators under their lead understand and perform ITS duties.

4. The Contractor shall report their progress towards achieving certifications in their quarterly Internal Surveillance Report, DRD-003. The information shall include the number of individuals requiring certification and the number certified.

(END OF SECTION)

SECTION I - CONTRACT CLAUSES

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

CLAUSE NUMBER	DATE	TITLE
52.202-1	DEC 2001	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	JUL 1995	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	JUN 1997	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER
52.209-6	JUL 1995	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENT
52.215-2	JUN 1999	AUDIT AND RECORDS--NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA – MODIFICATIONS
52.215-13	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA -- MODIFICATIONS
52.215-14	OCT 1997	INTEGRITY OF UNIT PRICES
52.215-15	DEC 1998	PENSION ADJUSTMENTS AND ASSET REVERSIONS

52.215-18	OCT 1997	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
52.215-19	OCT 1997	NOTIFICATION OF OWNERSHIP CHANGES
52.215-21	OCT 1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA -- MODIFICATIONS (OCT 1997)
52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT Insert **30th** in Paragraph (a)(3).
52.216-18	OCT 1995	ORDERING Insert "**contract award**" through " **9/30/07**" in paragraph (a).
52.216-22	OCT 1995	INDEFINITE QUANTITY Insert "**TBD**" in paragraph (d).
52.217-8	NOV 1999	OPTION TO EXTEND SERVICES Insert **"60 days prior to the end of the contract."** For the period of time within which the Contracting Officer may exercise the option
52.219-8	OCT 2000	UTILIZATION OF SMALL BUSINESS CONCERNS
52.219-14	DEC 1996	LIMITATION ON SUBCONTRACTING
52.222-1	FEB 1997	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES
52.222-2	JUL 1990	PAYMENT FOR OVERTIME PREMIUMS Insert "$**0**" in paragraph (a).
52.222-3	AUG 1996	CONVICT LABOR
52.222-4	SEP 2000	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION
52.222-21	FEB 1999	PROHIBITION OF SEGREGATED FACILITIES
52.222-26	APR 2002	EQUAL OPPORTUNITY
52.222-35	DEC 2001	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES
52.222-37	DEC 2001	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-41	MAY 1989	SERVICE CONTRACT ACT OF 1965, AS AMENDED
52.223-3	JAN 1997	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (ALTERNATE I) (JUL 1995) Insert "**As required**" in paragraph (b).
52.223-5	APR 1998	POLLUTION PREVENTION AND RIGHT- TO-KNOW INFORMATION

52.223-6	MAY 2001	DRUG-FREE WORKPLACE
52.223-10	AUG 2000	WASTE REDUCTION PROGRAM
52.223-11	MAY 2001	OZONE-DEPLETING SUBSTANCES
52.223-12	MAY 1995	REFRIGERATION EQUIPMENT AND AIR CONDITIONERS
52.223-14	OCT 2000	TOXIC CHEMICAL RELEASE REPORTING
52.225-1	MAY 2002	BUY AMERICAN ACT--SUPPLIES
52.225-8	FEB 2000	DUTY-FREE ENTRY
52.225-13	JUL 2000	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES
52.227-1	JUL 1995	AUTHORIZATION AND CONSENT
52.227-2	AUG 1996	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT
52.227-11	JUN 1997	PATENT RIGHTS--RETENTION BY THE CONTRACTOR (SHORT FORM)—as modified by NASA FAR SUPPLEMENT 1852.227-11.
52.227-14	JUN 1987	RIGHTS IN DATA--GENERAL ALTERNATE II (JUN 1987) ALTERNATE III (JUN 1987) AS MODIFIED BY 1852.227-14 NASA FAR SUPPLEMENT (OCT 1995)
52.227-16	JUN 1987	ADDITIONAL DATA REQUIREMENTS
52.228-7	MAR 1996	INSURANCE—LIABILITY TO THIRD PERSONS
52.232-9	APR 1984	LIMITATION ON WITHHOLDING OF PAYMENTS
52.232-17	JUN 1996	INTEREST
52.232-18	APR 1984	AVAILABILITY OF FUNDS
52.232-22	APR 1984	LIMITATION OF FUNDS
52.232-23	JAN 1986	ASSIGNMENT OF CLAIMS
52.232-25	FEB 2002	PROMPT PAYMENT (ALTERNATE I) (FEB 2002)
52.232-34	MAY 1999	PAYMENT BY ELECTRONIC FUNDS TRANSFER--OTHER THAN CENTRAL CONTRACTOR REGISTRATION
	Insert **("designated office- Accounts Payable Office, Mail Code GG-B-C2, Kennedy Space Center, FL 32899) no later than concurrent with the first request for payment"** in Paragraph (b)(1).	
52.233-1	JUL 2002	DISPUTES (ALTERNATE I) (DEC 1991)
52.233-3	AUG 1996	PROTEST AFTER AWARD (ALTERNATE I) (JUN 1985)
52.237-2	APR 1984	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION
52.237-3	JAN 1991	CONTINUITY OF SERVICES
52.239-1	AUG 1996	PRIVACY OR SECURITY SAFEGUARDS
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.242-13	JUL 1995	BANKRUPTCY

52.243-2	AUG 1987	CHANGES--COST-REIMBURSEMENT (ALTERNATE II) (APR 1984)
52.244-2	AUG 1998	SUBCONTRACTS (ALTERNATE I) (AUG 1998) Insert **"Cost Reimbursement, Time & Materials, and Labor-hour type subcontracts"** in paragraph (e) and **TBD** in paragraph (k).
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING
52.244-6	MAY 2001	SUBCONTRACTS FOR COMMERCIAL ITEMS
52.245-5	JAN 1986	GOVERNMENT PROPERTY (COST REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS (AS MODIFIED BY NFS 1852.245-71)
52.245-9	APR 1984	USE AND CHARGES
52.246-25	FEB 1997	LIMITATION OF LIABILITY-- SERVICES
52.247-1	APR 1984	COMMERCIAL BILL OF LADING NOTATIONS
52.249-6	SEP 1996	TERMINATION (COST-REIMBURSEMENT)
52.249-14	APR 1984	EXCUSABLE DELAYS
52.251-1	APR 1984	GOVERNMENT SUPPLY SOURCES
52.251-2	JAN 1991	INTERAGENCY FLEET MANAGEMENT SYSTEM VEHICLES AND RELATED SERVICES
52.253-1	JAN 1991	COMPUTER GENERATED FORMS

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

CLAUSE NUMBER	DATE	TITLE
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-76	JUL 2002	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
	Insert "**within 30 calendar**" days" in paragraph (c).	
1852.209-72	DEC 1988	COMPOSITION OF THE CONTRACTOR
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.219-77	MAY 1999	NASA MENTOR-PROTEGE PROGRAM
1852.236-73	DEC 1988	HURRICANE PLAN
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.242-78	APR 2001	EMERGENCY MEDICAL SERVICES AND EVACUATION
18-52.243-71	MAR 1997	SHARED SAVINGS

I.2 APPROVAL OF CONTRACT (FAR 52.204-1) (DEC 1989)

This contract is subject to the written approval of the NASA Kennedy Space Center Procurement Officer and shall not be binding until so approved.

I.3 NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(a) CONCERNS (FAR 52.219-18) (JUN 1999) (DEVIATION)

(a) Offers are solicited only from small business concerns expressly certified by the Small Business Administration (SBA) for participation in the SBA's 8(a) Program and which meet the following criteria at the time of submission of offer--

(1) The Offeror is in conformance with the 8(a) support limitation set forth in its approved business plan; and

(2) The Offeror is in conformance with the Business Activity Targets set forth in its approved business plan or any remedial action directed by the SBA.

(b) By submission of its offer, the Offeror represents that it meets all of the criteria set forth in paragraph (a) of this clause.

(c) Any award resulting from this solicitation will be made directly by the Contracting Officer to the successful 8(a) offeror selected through the evaluation criteria set forth in this solicitation.

(d)(1) Agreement. A small business concern submitting an offer in its own name agrees to furnish, in performing the contract, only end items manufactured or produced by small business concerns in the United States. The term "United States" includes its territories and possessions, the Commonwealth of Puerto Rico, the trust territory of the Pacific Islands, and the District of Columbia. If this procurement is processed under simplified acquisition procedures and the total amount of this contract does not exceed $25,000, a small business concern may furnish the product of any domestic firm. This subparagraph does not apply in connection with construction or service contracts.

(2) The **ASRC Aerospace Corporation,** will notify the NASA Kennedy Space Center Contracting Officer in writing immediately upon entering an agreement (either oral or written) to transfer all or part of its stock or other ownership interest to any other party.

I.4 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only:

It is not a Wage Determination (Classes of Employees are based on the 2001 SF 98 submittal to the Department of Labor for Contract NAS10-98001).

CLASSES OF EMPLOYEES (Service Contract Act Title)	HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Illustrator III	17.93
Secretary I	10.58
Secretary III	13.19
Word Processor II	10.58
Accounting Clerk II	9.42
General Clerk IV	10.58
Supply Technician	14.66
Drafter IV	14.66
Engineering Technician III	11.84
Engineering Technician IV	14.66
Engineering Technician V	17.93
Laboratory Technician	13.19

Fringe Benefits are as follows:

1. Paid holidays: New Year's Day, Martin Luther King's Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day.

2. Annual Leave: Two hours of annual leave each week for an employee with less than three years service; three hours of annual leave for an employee with three but less than fifteen years of service; and four hours of annual leave each week for an employee with fifteen or more years of service.

3. Sick Leave: Two hours of sick leave each week.

4. Life, accident and health insurance programs: Government pays 33.3% of cost for life insurance; workman's compensation covers 100% of accident; and depending on health plan chosen, Government pays up to 75% of health insurance.

5. Retirement: Employees covered under CSRS – 7% of annual rate. Employees covered under FERS - .08 basic retirement plus 1% TSP contribution and up to 4% more matching TSP contribution.

I.5 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (FAR 52.223-9) (AUG 2000)

(a) Definitions. As used in this clause--

"Postconsumer material" means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of "recovered material."

"Recovered material" means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall--

(1) Estimate the percentage of the total recovered material used in contract performance, including, if applicable, the percentage of postconsumer material content; and

(2) Submit this estimate to _____TBD_____ [Contracting Officer complete in accordance with agency procedures].

I.6 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2)(FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

http://www.arnet.gov/far

http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm

I.7 OMBUDSMAN (NFS 1852.215-84) (JUN 2000) (ALTERNATE I) (JUN 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the pre-award and post-award phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman,

Mr. James W. Kennedy/ Kennedy Space Center Code AA-A Kennedy Space Center, FL 32899

Telephone: (321) 867-2355 FAX: (321) 867-7787 e-mail: james.w.kennedy@nasa.gov

Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0422, facsimile 202-358-3083, e-mail sthomps1@hq.nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(c) If this is a task or delivery order contract, the ombudsman shall review complaints from contractors and ensure they are afforded a fair opportunity to be considered, consistent with the procedures of the contract.

I.8 MANAGEMENT OF NASA-OWNED/CONTRACTOR-HELD RECORDS (KSC 52.245-90) (NOV 1998)

A. NASA-owned/Contractor-held records shall be maintained by the Contractor in accordance with the instructions set forth in the latest editions of NPD 1440.6F, NASA Records Management, NPG 1441.1C, NASA Records Retention Schedules, and KNPD 1440.1, KSC Records Management and Vital Records Programs. As directed by the Contracting Officer, the Contractor shall obtain prior approval from the Contracting Officer to destroy or remove records subject to this clause.

B. NASA-owned/Contractor-held records shall consist of documentation of Contractor activities and functions necessary for the performance of this contract, including, but not limited to, documentation of those day-to-day operating procedures that are essential to carrying out the statement of work and those actions, organizational structure, policies, decisions, operations, and activities necessary to perform or continue the work performed under the contract. NASA-owned/Contractor-held records shall not include those Contractor records that relate exclusively to the Contractor's internal business or are of a general nature not specifically related to the performance of work under the contract. The Contractor's general policies, procedures, etc., that apply to the general conduct of its business do not fall under the purview of this clause. When in doubt, the Contractor shall seek the Contracting Officer's determination as to which records are subject to this clause.

C. The Contractor shall ensure that NASA-owned/Contractor-held records are segregated from company-owned records and from non- record materials. This clause operates independently from and is not intended to affect, or be effected by, the Contractor records provisions contained in FAR Subpart 4.7 and the clauses referenced therein.

D. The Contractor, through the Contracting Officer, shall coordinate with the KSC Records Manager, on matters requiring advice, such as marking and segregating such records, or technical assistance in all areas of management pertaining to such records.

E. The contractor shall prepare and submit KSC Form 16-516, KSC Annual Summary of Record Holdings, on an annual basis to the KSC Records Manager.

I.9 AUTHORIZED DEVIATIONS IN CLAUSES (FAR 52.252-6)(APR 1984)

The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

The use in this solicitation or contract of any NASA FAR Supplement Regulation (48 CFR 18) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

[END OF SECTION]

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
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	J-5A, ASRC Aerospace Rates	4
	J-5B, University of Central Florida Rates	2
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J-6	SCA Wage Determination	9
J-7	Pension Plan (to be incorporated after contract award)	TBD
J-8	ASRC USTDC Investment Profile	5
J-9	Reserved	
J-10	USTDC Contract Value, Award Fee, and Incentive Fee	42

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
35	See Block 16C.	4200105830	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

(✓) X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $2,701,938

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: Contract clause B.2 Contract Value, Award Fee, and Incentive Fee and FAR 52.222-41.
	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.)*

1. The purpose of this modification is to add incremental funding and to update contract attachment J-6 SCA Wage Determination.

(See Continuation Page)

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	3/21/05

2. This contract modification incorporates the following changes to the contract:

   a. Section J - LIST OF ATTACHMENTS; Attachment J-6, SERVICE CONTRACT ACT (SCA) WAGE DETERMINATION is amended to update the SCA Wage Determination applicable to the contract. FAR 22.1007(c)(2) requires biennial updates to the Wage Determination.
   b. This modification also adds incremental funding to the contract in the amount of $2,701,938 for a total contract obligation amount of $58,179,664.55. The funding is considered to be adequate for contract performance through August 12, 2005.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 13 with the attached revised page 13.

Section J; List of Attachments

Replace page 62 with the attached revised page 62.

Section J; Attachment J-6

Replace pages 1 through 10 and the attached revised pages 1 through 9.

4. All other terms and conditions remain unchanged.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			14 $4,334,267	4/30/2003	$4,334,267
2				20 $2,208,012	5/30/2003	$2,208,012
4				35 $1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				36 $ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
35				$2,701,938	08/12/2005	
Total Amount				$58,179,664.55	08/12/2005	$60,822,869

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REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

William W.Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1994-2118
Revision No.: 23
Date Of Revision: 08/06/2004

State: Florida

Area: Florida Counties of Brevard, Indian River

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	10.76
01012 - Accounting Clerk II	12.36
01013 - Accounting Clerk III	14.60
01014 - Accounting Clerk IV	18.43
01030 - Court Reporter	13.94
01050 - Dispatcher, Motor Vehicle	13.94
01060 - Document Preparation Clerk	10.79
01070 - Messenger (Courier)	9.85
01090 - Duplicating Machine Operator	10.79
01110 - Film/Tape Librarian	11.91
01115 - General Clerk I	9.96
01116 - General Clerk II	11.21
01117 - General Clerk III	12.04
01118 - General Clerk IV	12.33
01120 - Housing Referral Assistant	15.38
01131 - Key Entry Operator I	10.05
01132 - Key Entry Operator II	11.90
01191 - Order Clerk I	9.58
01192 - Order Clerk II	12.36
01261 - Personnel Assistant (Employment) I	11.31
01262 - Personnel Assistant (Employment) II	12.81
01263 - Personnel Assistant (Employment) III	14.17
01264 - Personnel Assistant (Employment) IV	16.13
01270 - Production Control Clerk	15.83
01290 - Rental Clerk	11.89
01300 - Scheduler, Maintenance	12.94
01311 - Secretary I	12.94
01312 - Secretary II	14.23
01313 - Secretary III	15.38
01314 - Secretary IV	17.49
01315 - Secretary V	19.26
01320 - Service Order Dispatcher	12.67
01341 - Stenographer I	11.82
01342 - Stenographer II	12.67
01400 - Supply Technician	17.49
01420 - Survey Worker (Interviewer)	13.94

01460 - Switchboard Operator-Receptionist	9.20
01510 - Test Examiner	14.23
01520 - Test Proctor	14.23
01531 - Travel Clerk I	9.55
01532 - Travel Clerk II	10.34
01533 - Travel Clerk III	10.66
01611 - Word Processor I	10.82
01612 - Word Processor II	11.86
01613 - Word Processor III	13.94
03000 - Automatic Data Processing Occupations	
03010 - Computer Data Librarian	13.51
03041 - Computer Operator I	13.65
03042 - Computer Operator II	14.85
03043 - Computer Operator III	16.65
03044 - Computer Operator IV	18.28
03045 - Computer Operator V	20.39
03071 - Computer Programmer I (1)	18.98
03072 - Computer Programmer II (1)	23.42
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	25.20
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	13.65
05000 - Automotive Service Occupations	
05005 - Automotive Body Repairer, Fiberglass	16.63
05010 - Automotive Glass Installer	15.00
05040 - Automotive Worker	15.00
05070 - Electrician, Automotive	15.86
05100 - Mobile Equipment Servicer	13.54
05130 - Motor Equipment Metal Mechanic	16.49
05160 - Motor Equipment Metal Worker	15.00
05190 - Motor Vehicle Mechanic	16.49
05220 - Motor Vehicle Mechanic Helper	12.74
05250 - Motor Vehicle Upholstery Worker	14.48
05280 - Motor Vehicle Wrecker	15.00
05310 - Painter, Automotive	15.76
05340 - Radiator Repair Specialist	15.00
05370 - Tire Repairer	13.08
05400 - Transmission Repair Specialist	16.49
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	8.05
07010 - Baker	11.11
07041 - Cook I	10.11
07042 - Cook II	11.11
07070 - Dishwasher	7.82
07130 - Meat Cutter	11.73
07250 - Waiter/Waitress	8.47
09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	15.76
09040 - Furniture Handler	12.39
09070 - Furniture Refinisher	15.76
09100 - Furniture Refinisher Helper	12.74
09110 - Furniture Repairer, Minor	14.28
09130 - Upholsterer	15.76
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	8.28
11060 - Elevator Operator	8.99
11090 - Gardener	10.67

11121 - House Keeping Aid I	7.82
11122 - House Keeping Aid II	9.74
11150 - Janitor	9.20
11210 - Laborer, Grounds Maintenance	8.94
11240 - Maid or Houseman	7.29
11270 - Pest Controller	12.25
11300 - Refuse Collector	9.20
11330 - Tractor Operator	10.42
11360 - Window Cleaner	9.97
12000 - Health Occupations	
12020 - Dental Assistant	12.55
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	12.90
12071 - Licensed Practical Nurse I	12.57
12072 - Licensed Practical Nurse II	14.11
12073 - Licensed Practical Nurse III	15.80
12100 - Medical Assistant	10.73
12130 - Medical Laboratory Technician	12.98
12160 - Medical Record Clerk	12.34
12190 - Medical Record Technician	12.93
12221 - Nursing Assistant I	8.88
12222 - Nursing Assistant II	9.98
12223 - Nursing Assistant III	10.89
12224 - Nursing Assistant IV	12.23
12250 - Pharmacy Technician	11.63
12280 - Phlebotomist	12.98
12311 - Registered Nurse I	16.91
12312 - Registered Nurse II	20.68
12313 - Registered Nurse II, Specialist	20.68
12314 - Registered Nurse III	25.04
12315 - Registered Nurse III, Anesthetist	25.04
12316 - Registered Nurse IV	30.00
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	19.38
13011 - Exhibits Specialist I	16.28
13012 - Exhibits Specialist II	19.38
13013 - Exhibits Specialist III	21.19
13041 - Illustrator I	16.29
13042 - Illustrator II	19.38
13043 - Illustrator III	21.19
13047 - Librarian	20.37
13050 - Library Technician	12.44
13071 - Photographer I	12.81
13072 - Photographer II	15.50
13073 - Photographer III	18.45
13074 - Photographer IV	20.18
13075 - Photographer V	22.30
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	7.18
15030 - Counter Attendant	7.18
15040 - Dry Cleaner	8.58
15070 - Finisher, Flatwork, Machine	7.18
15090 - Presser, Hand	7.18
15100 - Presser, Machine, Drycleaning	7.18
15130 - Presser, Machine, Shirts	7.18
15160 - Presser, Machine, Wearing Apparel, Laundry	7.18
15190 - Sewing Machine Operator	9.14
15220 - Tailor	9.70
15250 - Washer, Machine	7.45
19000 - Machine Tool Operation and Repair Occupations	

19010 - Machine-Tool Operator (Toolroom)	15.76
19040 - Tool and Die Maker	18.73
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	14.84
21020 - Material Coordinator	16.43
21030 - Material Expediter	16.43
21040 - Material Handling Laborer	8.58
21050 - Order Filler	11.67
21071 - Forklift Operator	12.05
21080 - Production Line Worker (Food Processing)	12.68
21100 - Shipping/Receiving Clerk	11.14
21130 - Shipping Packer	11.14
21140 - Store Worker I	9.73
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	12.94
21210 - Tools and Parts Attendant	14.66
21400 - Warehouse Specialist	14.58
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	20.04
23040 - Aircraft Mechanic Helper	14.08
23050 - Aircraft Quality Control Inspector	19.62
23060 - Aircraft Servicer	15.78
23070 - Aircraft Worker	16.57
23100 - Appliance Mechanic	15.76
23120 - Bicycle Repairer	13.08
23125 - Cable Splicer	18.14
23130 - Carpenter, Maintenance	15.76
23140 - Carpet Layer	15.19
23160 - Electrician, Maintenance	17.84
23181 - Electronics Technician, Maintenance I	18.04
23182 - Electronics Technician, Maintenance II	22.66
23183 - Electronics Technician, Maintenance III	25.45
23260 - Fabric Worker	14.28
23290 - Fire Alarm System Mechanic	16.89
23310 - Fire Extinguisher Repairer	13.54
23340 - Fuel Distribution System Mechanic	16.89
23370 - General Maintenance Worker	16.50
23400 - Heating, Refrigeration and Air Conditioning Mechanic	16.49
23430 - Heavy Equipment Mechanic	16.49
23440 - Heavy Equipment Operator	16.89
23460 - Instrument Mechanic	16.89
23470 - Laborer	11.04
23500 - Locksmith	15.76
23530 - Machinery Maintenance Mechanic	19.95
23550 - Machinist, Maintenance	17.68
23580 - Maintenance Trades Helper	12.74
23640 - Millwright	20.21
23700 - Office Appliance Repairer	15.96
23740 - Painter, Aircraft	16.73
23760 - Painter, Maintenance	15.76
23790 - Pipefitter, Maintenance	16.49
23800 - Plumber, Maintenance	15.76
23820 - Pneudraulic Systems Mechanic	16.89
23850 - Rigger	16.89
23870 - Scale Mechanic	15.00
23890 - Sheet-Metal Worker, Maintenance	16.49
23910 - Small Engine Mechanic	15.00
23930 - Telecommunication Mechanic I	18.14
23931 - Telecommunication Mechanic II	18.96
23950 - Telephone Lineman	16.89

23960 - Welder, Combination, Maintenance	16.49
23965 - Well Driller	16.89
23970 - Woodcraft Worker	16.89
23980 - Woodworker	13.54
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	7.34
24580 - Child Care Center Clerk	10.51
24600 - Chore Aid	9.57
24630 - Homemaker	12.86
25000 - Plant and System Operation Occupations	
25010 - Boiler Tender	16.89
25040 - Sewage Plant Operator	15.76
25070 - Stationary Engineer	16.89
25190 - Ventilation Equipment Tender	12.74
25210 - Water Treatment Plant Operator	16.43
27000 - Protective Service Occupations	
(not set) - Police Officer	17.21
27004 - Alarm Monitor	13.13
27006 - Corrections Officer	15.19
27010 - Court Security Officer	15.37
27040 - Detention Officer	15.19
27070 - Firefighter	15.45
27101 - Guard I	8.87
27102 - Guard II	14.23
28000 - Stevedoring/Longshoremen Occupations	
28010 - Blocker and Bracer	16.68
28020 - Hatch Tender	15.02
28030 - Line Handler	15.02
28040 - Stevedore I	16.17
28050 - Stevedore II	17.91
29000 - Technical Occupations	
21150 - Graphic Artist	20.23
29010 - Air Traffic Control Specialist, Center (2)	29.93
29011 - Air Traffic Control Specialist, Station (2)	20.63
29012 - Air Traffic Control Specialist, Terminal (2)	22.72
29023 - Archeological Technician I	12.91
29024 - Archeological Technician II	14.67
29025 - Archeological Technician III	17.93
29030 - Cartographic Technician	19.22
29035 - Computer Based Training (CBT) Specialist/ Instructor	25.20
29040 - Civil Engineering Technician	18.33
29061 - Drafter I	10.38
29062 - Drafter II	13.34
29063 - Drafter III	16.14
29064 - Drafter IV	19.22
29081 - Engineering Technician I	10.28
29082 - Engineering Technician II	13.66
29083 - Engineering Technician III	16.53
29084 - Engineering Technician IV	19.68
29085 - Engineering Technician V	21.52
29086 - Engineering Technician VI	23.79
29090 - Environmental Technician	18.78
29100 - Flight Simulator/Instructor (Pilot)	27.62
29160 - Instructor	21.12
29210 - Laboratory Technician	17.48
29240 - Mathematical Technician	19.22
29361 - Paralegal/Legal Assistant I	12.28
29362 - Paralegal/Legal Assistant II	16.61
29363 - Paralegal/Legal Assistant III	20.31

29364 - Paralegal/Legal Assistant IV	24.59
29390 - Photooptics Technician	18.87
29480 - Technical Writer	21.58
29491 - Unexploded Ordnance (UXO) Technician I	19.02
29492 - Unexploded Ordnance (UXO) Technician II	23.01
29493 - Unexploded Ordnance (UXO) Technician III	27.58
29494 - Unexploded (UXO) Safety Escort	19.02
29495 - Unexploded (UXO) Sweep Personnel	19.02
29620 - Weather Observer, Senior (3)	18.27
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	16.45
29622 - Weather Observer, Upper Air (3)	16.45
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	15.56
31260 - Parking and Lot Attendant	9.94
31290 - Shuttle Bus Driver	13.42
31300 - Taxi Driver	10.94
31361 - Truckdriver, Light Truck	13.42
31362 - Truckdriver, Medium Truck	14.16
31363 - Truckdriver, Heavy Truck	14.89
31364 - Truckdriver, Tractor-Trailer	14.89
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	9.00
99030 - Cashier	7.88
99041 - Carnival Equipment Operator	11.35
99042 - Carnival Equipment Repairer	11.62
99043 - Carnival Worker	7.82
99050 - Desk Clerk	7.87
99095 - Embalmer	19.02
99300 - Lifeguard	9.99
99310 - Mortician	20.54
99350 - Park Attendant (Aide)	12.55
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.68
99500 - Recreation Specialist	14.12
99510 - Recycling Worker	12.47
99610 - Sales Clerk	9.55
99620 - School Crossing Guard (Crosswalk Attendant)	8.68
99630 - Sport Official	9.97
99658 - Survey Party Chief (Chief of Party)	14.45
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	13.14
99660 - Surveying Aide	9.58
99690 - Swimming Pool Operator	12.22
99720 - Vending Machine Attendant	12.03
99730 - Vending Machine Repairer	14.05
99740 - Vending Machine Repairer Helper	12.03

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $2.59 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, 4 weeks after 15 years, and 5 weeks after 20 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor

contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the

following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or $.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R. 5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be

conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).

2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
34	See Block 16C.	4200101424	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $3,075,139

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: Contract clause B.2 Contract Value, Award Fee, and Incentive Fee and Mutual Agreement of the Parties
	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.)*

1. The purpose of this modification is to add incremental funding and to incorporate miscellaneous changes to the contract as identified in paragraph 2.

(See Continuation 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)*
DENNIS RUEAECER DIRECTOR BUSINESS OPS	JOHN M. VONDENHUEVEL

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	2/17/05	BY *(Signature of Contracting Officer)*	2/18/05

2. This contract modification incorporates the following changes to the contract:

   a. Section J - LIST OF ATTACHMENTS; Attachment J-9, CONTRACT SECURITY CLASSIFICATION SPECFICATION (DD FORM 254) is deleted. It is not necessary to have a DD 250 at this time as no classified work is currently being performed under the contract.
   b. Section J – LIST OF ATTACHMENTS; Attachment J-10, CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE. This modification updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of the work authorized on the contract, the contents of the task orders listed in contract attachment J-10 are hereby incorporated by reference.
   c. This modification adds incremental funding to the contract in the amount of $3,075,139 for a total contract obligation amount of $55,477,726.55. The funding is considered to be adequate for contract performance through July 15, 2005.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J; List of Attachments

Replace page 62 with the attached revised page 62.

Section J; Attachment J-9

Delete pages 1 and 2.

Section J; Attachment J-10

Replace pages 1 through 36 with the attached revised pages 1 through 42.

4. All other terms and conditions remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$60,822,869
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	**Adjusted Target Cost***	**Available Award Fee****	**Earned Award Fee**	**Score**	**Rating**
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3			
Incentive Fee			
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			$35,198
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	
5				$1,246,169	8/04/2003	
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
34				$3,075,139	07/15/2005	$1,277,695
Total Amount				55,477,726.55	07/15/2005	$60,822,869

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
J-3	USTDC Performance Surveillance and Award Fee Plan	14
J-4	Safety and Health Plan	27
J-5	Task Order Pricing Rate Schedule	
	J-5A, ASRC Aerospace Rates	4
	J-5B, University of Central Florida Rates	2
	J-5C, Sierra Lobo Rates	4
J-6	SCA Wage Determination	10
J-7	Pension Plan (to be incorporated after contract award)	**TBD**
J-8	ASRC USTDC Investment Profile	5
J-9	Reserved	
J-10	USTDC Contract Value, Award Fee, and Incentive Fee	42

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Summary: Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY3 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$1,199,988
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY2 Rev A	Applied Physics Infrastructure Support						$96,501
00005	CY3 Basic	Corrosion Test-bed						$607,204
00006	CY3 Basic	Chemical Instrumentation and Process Lab Infrastructure						$922,793
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$53,375
00012	Rev B	Ionic Liquids						$27,999
00013	CY3 Basic	Corrosion Detection, Prediction and Prevention						$408,924
00014	CY 2 Rev B	OTV Modernization						$396,690
00015	CY3 Basic	Communications Engineering Infrastructure						$1,107,644
00016	CY2 Basic	Network Architecture & Routing Protocols						$272,838
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY3 Basic	Asynchronous Transfer Mode (ATM) Development Project						$859,713
00019	CY3 Basic	Fiber Optics Lab Projects						$1,561,530
00020	CY3 Rev A	Network Systems & Security (NSS)						$1,504,908
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$124,485
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 3 Basic	Electrostatics and Materials Physics Testbed						$144,182
00028	CY2 Rev B	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY3 Basic	Development of KSC Infrastructure Documentation						$94,690
00031	CY3 Basic	Miscellaneous Operations Support						$459,148
00032	CY2 YE*	Proof-of-Concept Support						$496,242
00033	CY3 Basic	LETF & Instrumentation O&M						$3,512,529
00034	CY3 Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$1,301,672
00035	CY2 Rev B	LOX Pump Qualification Testing						$274,432

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Summary: Adjusted Target Labor Costs	Summary: Other Direct Costs	Summary: Total Estimated Cost	Summary: Incentive Fee	Summary: Total Cost & fee
00036	CY3 Basic	Mech, Struct, & Controls & GSE Dev Lab O&M					$453,170
00038	CY3 Basic	Dev and Test Operations Infrastructure and LETF O&M					$1,461,308
00039	Basic	PGHMA Enhancements and Technical Support					$33,043
00041	CY3 Basic	Systems Engineering (NGLT)					$1,268,937
00042	CY3 Rev B	Engineering Technical Services Support and CAD/CAE Support					$1,221,540
00043	CY3 Basic	Technology Programs and Commercialization Support					$1,445,554
00044	Rev A	ARTWG/ASTWG Integration and Conference Support					$15,333
00045	CY3 Basic	Specifications, Standards, and Kennedy Documented Procedures					$186,182
00046	CY3 Basic	ISS Support Equipment Fabrication, Integration, and Testing					$162,388
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support					$102,811
00049	CY3 Basic	LETF Shuttle Operations Testing Support					$976,647
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000					$119,440
00051	CY3 Basic	GSE Controls Integration					$345,477
00052	CY3 Basic	Command and Control Laboratory Infrastructure					$996,076
00053	Basic	Upgrade Hypergol Flow Meters Support					$8,385
00054	CY3 Basic	SSPF Transducer Laboratory Support					$137,040
00056	CY3 Basic	Shuttle Transducer Development					$861,718
00057	CY3 Basic	Shuttle Transducer Spec & Std Maintenance					$745,042
00058	CY2 Basic	In-Situ Pressure Calibration System					$34,056
00059	CY2 Basic	NIST Traceable Portable Pressure Standard					$108,465
00060	Basic	Acoustic Scaling Methodologies					$15,686
00061	Rev A	Advanced Hazardous Gas Detection System Development					$116,285
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment					$74,772
00063	CY3 Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance					$1,402,753
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications					$266,493
00070	CY3 Rev A	SBIR/STTR Support					$233,870
00071	CY3 Basic	LETF DOD Load Testing Support					$574,731
00072	CY2 Rev A	E-nose for ISS and EVA					$77,821
00074	CY 2 Basic	Technical Documentation Database System					$133,838
00076	Basic	Laser Processing of Spaceport Materials					$37,733
00078	CY2 Basic	Capcitance Based Sensors					$64,374
00079	CY3 Basic	NGLT Project Management Support					$694,745
00080	CY3 Rev B	Software Process Improvement Effort					$318,132
00081	CY3 Basic	MSBLS Flight Inspection System Support					$330,947
00082	CY2 Rev A	Flight Modem Project					$203,095
00083	CY3 Basic	Electronics Infrastructure					$475,323
00084	CY3 Basic	Range Infrastructure					$385,908

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00085	CY3 Basic	Weather Projects Support						$39,897
00086	CY3 Rev A	Autonomous Flight Safety System (AFSS)						$489,873
00087	CY3 Rev C	Emerging Communication Technology (ECT)						$1,013,609
00088	CY3 Rev A	Space Based Telemetry and Range Safety (STARS)						$996,405
00089	CY2 Rev B	Intelligent Cable Tester						$196,066
00090	CY3 Basic	KCCS Infrastructure Conversion						$1,528,417
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$3,333
00092	CY3 Rev A	NAVAIDS Flight Inspection System Development						$849,996
00093	CY2 Rev A	Airborne Particle Counting						$131,547
00094	CY3 Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$802,026
00096	CY2 Rev C	Operational Spaceport Office Project Control and Integration Support						
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$71,579
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$112,872
00102	CY3 Rev A	Agency Security Update Service (ASUS)						$199,521
00105	Basic	Failsafe Jackscrew						$384,244
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$25,322
00115	CY3 Basic	Camera Measurement System for Payload Positioning at the Pads						$25,558
00119	Basic	WB TAU Certification for Flowliner						
00120	Basic	Cryolab Oxygen Monitor						$286,661
00121	Basic	Fire Detection Evaluation						$14,190
00122	Basic	Support Equipment Coating Study						$29,660
00123	Rev A	RWGS						$17,055
00125	CY3 Rev A	Minature Smart Leak Sensor						$1,828
00126	CY3 Basic	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$334,692
00131	CY3 Basic	KSC BTU Measurement System						$77,963
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$39,580
00134	Rev B	STS-107 Investigation Support						$190,563
00135	CY3 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$92,947
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$360,738
00140	CY2 Rev A	Thermal Insulation System Retrofit						$54,845
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$41,855
00142	CY3 Basic	High Pressure, High Shock Mass Level Sensor						$165,033
00143	Basic	Systems Engineering Tools Assessment						$875,312
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$218,084
00145	CY 2 Rev B	EVM Support to YA						$34,938
								$40,313
								$129,012

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
			Summary					
00230	CY3 Rev A	Polyurethane Replacement Coatings						$673,069
00231	CY3 Rev A	Intergated Intelligent Health Management System (OSF)						$198,865
00232	CY3 Basic	Self Validating Thermocouple System						$58,984
00233	CY3 Rev A	Thermal Control System Mullt-layer Blankets Grounding and Electrostatic Evalaution						$323,861
00234	CY2 Rev A	Environmental Monitoring Support						$9,259
00235	CY3 Basic	System Component Selection Tool Demonstration Project						$136,000
00236	CY2 Basic	Advanced Engineering Environment: Collaborative Tools and Need Baseline						$18,000
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$2,520
00238	CY3 Basic	Debris Recognition -- Camera Image Analysis						$365,747
00239	CY3 Basic	Cost Efficient Storage and Transfer (CESAT)						$1,784,670
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$4,831
00241	CY3 Rev A	Boeing Space Station Support						$8,881
00242	CY3 Basic	Usability Study of Virtual and Simulation Environments						$77,757
00244	CY2 Rev B	Wire Insulation Repair and Self-Healing Technology Development						$73
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY3 Rev A	Moisture/Aging Study of Spray on Foam Insulation						$470,010
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$12,423
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY3 Basic	Chemical Vapor Detection Expertise						$216,435
00254	CY3 Basic	Analytical Instrumentation Expertise						$279,850
00255	CY3 Rev B	Wire Insulation and Membrane Expertise						$387,259
00257	CY3 Basic	Electrostatics and Surface Research						$483,326
00258	CY3 Rev B	Environmental Rededlation Expertise						$386,934
00259	CY3 Basic	NESC SRB Stud Hang-up Testing						$628,739
00261	CY3 Basic	Commodity-Free Calibration						$59,997
00263	CY3 Basic	Physics of Rocket Exhaust Cratering						$75,372
00262	CY3 Basic	Cryogenics Testbed Stand Down Recovery Plan						$137,552
00265	CY3 Basic	Electrostatic Shielding of Spacecraft						$84,795
00268	CY3 Basic	TDRSS Transceiver Test Bed Development						$74,847
00272	CY3 Basic	Portable, Hand-held Window Inspection Device						$99,845
00275	CY3 Basic	CTC Program Support						$79,265
00260	CY3 Basic	Thermal and Fluids Analysis Workshop Support						$33,684
00271	CY3 Basic	Cryogenic In-line Flow Sensor						$33,910
00267	CY3 Basic	Three Dimensional Boundry Layer Corrections						$114,734
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Section J, Attachment 10
Contract Modification No. 34
(contract value as of 02/11/2005)

Task Order	Revision	Title	Summary: Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
		TOTAL						$0
								$0
								$64,978,229
		Adjustment to life-to-date actuals						-$4,155,360
		Contract Value						$60,822,869

NAS1003006

University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

			CY 01					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY3 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$288,006
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY2 Rev A	Applied Physics Infrastructure Support						$18,843
00005	CY3 Basic	Corrosion Test-bed						$59,770
00006	CY3 Basic	Chemical Instrumentation and Process Lab Infrastructure						$86,593
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$40,248
00012	Rev B	Ionic Liquids						$27,999
00013	CY3 Basic	Corrosion Detection, Prediction and Prevention						$109,701
00014	CY 2 Rev B	OTV Modernization						$339,683
00015	CY3 Basic	Communications Engineering Infrastructure						$158,740
00016	CY2 Basic	Network Architecture & Routing Protocols						$123,413
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY3 Basic	Asynchronous Transfer Mode (ATM) Development Project						$339,055
00019	CY3 Basic	Fiber Optics Lab Projects						$762,638
00020	CY3 Rev A	Network Systems & Security (NSS)						$373,240
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$72,563
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 3 Basic	Electrostatics and Materials Physics Testbed						$25,800
00028	CY2 Rev B	Electrostatic and Surface Physics Research and Development						$63,748
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY3 Basic	Development of KSC Infrastructure Documentation						$35,260
00031	CY3 Basic	Miscellaneous Operations Support						$115,052
00032	CY2 YE*	Proof-of-Concept Support						$70,000
00033	CY3 Basic	LETF & Instrumentation O&M						$815,530
00034	CY3 Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$962,950
00035	CY2 Rev B	LOX Pump Qualification Testing						$112,431

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00036	CY3 Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$108,772
00038	CY3 Basic	Dev and Test Operations Infrastructure and LETF O&M						$53,285
00039	Basic	PGHMA Enhancements and Technical Support						$33,043
00041	CY3 Basic	Systems Engineering (NGLT)						$540,720
00042	CY3 Rev B	Engineering Technical Services Support and CAD/CAE Support						$372,370
00043	CY3 Basic	Technology Programs and Commercialization Support						$352,000
00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$15,333
00045	CY3 Basic	Specifications, Standards, and Kennedy Documented Procedures						$52,783
00046	CY3 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$26,684
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$38,622
00049	CY3 Basic	LETF Shuttle Operations Testing Support						$282,677
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$119,440
00051	CY3 Basic	GSE Controls Integration						$50,633
00052	CY3 Basic	Command and Control Laboratory Infrastructure						$62,313
00053	Basic	Upgrade Hypergol Flow Meters Support						$8,385
00054	CY3 Basic	SSPF Transducer Laboratory Support						$36,930
00056	CY3 Basic	Shuttle Transducer Development						$230,038
00057	CY3 Basic	Shuttle Transducer Spec & Std Maintenance						$194,963
00058	CY2 Basic	In-Situ Pressure Calibration System						$27,190
00059	CY2 Basic	NIST Traceable Portable Pressure Standard						$36,820
00060	Basic	Acoustic Scaling Methodologies						$15,686
00061	Rev A	Advanced Hazardous Gas Detection System Development						$116,285
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$43,000
00063	CY3 Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$119,333
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$137,893
00070	CY3 Rev A	SBIR/STTR Support						$40,958
00071	CY3 Basic	LETF DOD Load Testing Support						$296,409
00072	CY2 Rev A	E-nose for ISS and EVA						$60,000
00074	CY 2 Basic	Technical Documentation Database System						$77,938
00076	Basic	Laser Processing of Spaceport Materials						$37,733
00078	CY2 Basic	Capcitance Based Sensors						$42,355
00079	CY3 Basic	NGLT Project Management Support						$561,028
00080	CY3 Rev B	Software Process Improvement Effort						$63,815
00081	CY3 Basic	MSBLS Flight Inspection System Support						$75,008
00082	CY2 Rev A	Flight Modem Project						$138,108
00083	CY3 Basic	Electronics Infrastructure						$52,200
00084	CY3 Basic	Range Infrastructure						$36,605

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00085	CY3 Basic	Weather Projects Support						$9,923
00086	CY3 Rev A	Autonomous Flight Safety System (AFSS)						$99,230
00087	CY3 Rev C	Emerging Communication Technology (ECT)						$214,403
00088	CY3 Rev A	Space Based Telemetry and Range Safety (STARS)						$565,960
00089	CY2 Rev B	Intelligent Cable Tester						$46,130
00090	CY3 Basic	KCCS Infrastructure Conversion						$376,550
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$3,333
00092	CY3 Rev A	NAVAIDS Flight Inspection System Development						$244,980
00093	CY2 Rev A	Airborne Particle Counting						$103,620
00094	CY3 Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$234,673
00096	CY2 Rev C	Operational Spaceport Office Project Control and Integration Support						$47,303
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$94,956
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$37,068
00102	CY3 Rev A	Agency Security Update Service (ASUS)						$65,468
00105	Basic	Failsafe Jackscrew						$25,322
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$25,558
00115	CY3 Basic	Camera Measurement System for Payload Positioning at the Pads						$88,535
00119	Basic	WB TAU Certification for Flowliner						$14,190
00120	Basic	Cryolab Oxygen Monitor						$29,660
00121	Basic	Fire Detection Evaluation						$17,055
00122	Basic	Support Equipment Coating Study						$1,828
00123	Rev A	RWGS						$0
00125	CY3 Rev A	Minature Smart Leak Sensor						$45,108
00126	CY3 Basic	Corrosion Testing of Airplane Wing Structures						$7,988
00127	Basic	Spaceport Processing System LPS Survivability Task						$39,580
00131	CY3 Basic	KSC BTU Measurement System						$79,045
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$26,573
00134	Rev B	STS-107 Investigation Support						$360,738
00135	CY3 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$9,000
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$19,818
00140	CY2 Rev A	Thermal Insulation System Retrofit						$48,001
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$624,263
00142	CY3 Basic	High Pressure, High Shock Mass Level Sensor						$43,593
00143	Basic	Systems Engineering Tools Assessment						$34,938
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$31,020
00145	CY 2 Rev B	EVM Support to YA						$40,599

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00146	Rev A	ELV Lightning Detection Support						$56,995
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$201,509
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$30,853
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$95,057
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$75,088
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$138,999
00152	Basic	Long Distance Transfer Piping						$8,900
00153	CY3 Basic	Spaceport Engineering and Technology Process Improvement						$75,032
00154	CY 2 Rev B	OTV System Modernization						$18,000
00155	CY3 Basic	ELV/Payload Transducer Laboratory Support						$15,008
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabillites at KSC						$11,999
00157	Basic	Seawater Immersion Facility Support						$10,000
00158	CY3 Basic	Non-Destructive Examination Support in Preparation for RTF						$50,033
00159	CY2 Basic	Millimeter Wave Imaging Support						$86,765
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$50,680
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$9,500
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$20,000
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$45,465
00164	CY2 Rev A	Certification of the Mech Failure Analysis Lab GHE and GN2 Panels						$35,475
00165	CY2 Basic	RF Health Node						$192,188
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of the ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$18,380
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$103,423
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$30,000
00173	CY2 Basic	LPS Operations and Maintenance Support						$11,718
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$6,515
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$0
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$0
00187	CY3 Basic	Hazardous Gas Detection Applications						$0
00188	CY2 Rev A	Intelligent Algorithms						$0
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$0
00190	CY3 Basic	Development Systems Support for SPS Development Lab						$0
00193	CY2 Basic	Knowledge Management for Ground Processing						$0
00194	CY2 Rev E	Impact Penetration Sensor System for RC and LI900 Tile						$0
00195	CY3 Rev A	Return to Flight Ground Camera Project						$0
00198	CY3 Rev A	USTDC RTF Project Mgt and Technincal Expertise						$0
00199	CY3 Basic	Ground Processing Shop Aids and Tools						$0
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$0
00201	CY3 Basic	Launch System Testbed O&M						$0
00202	CY3 Basic	Performance Evaluation of Rapid Cure Coatings						$0
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$0
00204	CY2 Basic	Development of Acoustic Estimate Tool						$0
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$0
00206	CY2 Basic	Formulation of Polymer Materials for ESD and Flame Retardency						$0
00207	CY3 Basic	Ablator Impact Testing						$0
00208	CY3 Basic	Wireless Networks and Sensors						$0
00209	CY2 Rev B	ESS Wireless Network Installation						$0
00210	CY3 Basic	Constellation Project Management and System Engineering Support						$0
00211	CY2 Basic	System Administrator Certifications						$0
00212	CY3 Basic	PCG2 System Support						$0
00214	CY3 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$0
00215	CY2 Rev A	HyTEX RF Health Node						$0
00216	CY3 Basic	NGLT Systems Analysis Project Systems Engineering						$0
00217	CY3 Basic	NAVAIR --Coatings Study						$0
00218	CY3 Basic	ASTWG/ARTWG Conference Support						$0
00219	CY3 Basic	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$0
00220	CY3 Basic	Non-Governmental VCS's and Standards						$0
00221	CY3 Basic	KCCS Infrastructure Conversion Project Integration						$0
00222	CY3 Basic	NESC Technical Support						$0
00223	CY2 Basic	Coriolis Flow Meter Testing						$0
00224	CY3 Basic	SLF ATCT Equipment and Cable Installation						$0
00225	CY3 Basic	ELV Contamination Monitoring Instrumentation Project						$0
00226	CY3 Basic	Detection and Measurement of Water in Spaceflight Materials						$0
00228	CY3 Rev A	NOAA-A GN2 Cooler System Documentation						$0
00229	CY3 Rev A	De-painting Technology for Structural Steel						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00230	CY3 Rev A	Polyurethane Replacement Coatings						$0
00231	CY3 Rev A	Intergated Intelligent Health Management System (OSF)						$0
00232	CY3 Basic	Self Validating Thermocouple System						$0
00233	CY3 Rev A	Thermal Control System Mulit-layer Blankets Grounding and Electrostatic Evalaution						
00234	CY2 Rev A	Environmental Monitoring Support						$0
00235	CY3 Basic	System Component Selection Tool Demonstration Project						$0
00236	CY2 Basic	Advanced Engineering Environment: Collaborative Tools and Need Baseline						$0
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						
00238	CY3 Basic	Debris Recognition -- Camera Image Analysis						$0
00239	CY3 Basic	Cost Efficient Storage and Transfer (CESAT)						$0
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$0
00241	CY3 Rev A	Boeing Space Station Support						$0
00242	CY3 Basic	Usability Study of Virtual and Simulation Environments						$0
00244	CY2 Rev B	Wire Insulation Repair and Self-Healing Technology Development						$0
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY3 Rev A	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$0
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY3 Basic	Chemical Vapor Detection Expertise						$0
00254	CY3 Basic	Analytical Instrumentation Expertise						$0
00255	CY3 Rev B	Wire Insulation and Membrane Expertise						$0
00257	CY3 Basic	Electrostatics and Surface Research						$0
00258	CY3 Rev B	Environmental Redediation Expertise						$0
00259	CY3 Basic	NESC SRB Stud Hang-up Testing						$0
00261	CY3 Basic	Commodity-Free Calibration						$0
00263	CY3 Basic	Physics of Rocket Exhaust Cratering						$0
00262	CY3 Basic	Cryogenics Testbed Stand Down Recovery Plan						$0
00265	CY3 Basic	Electrostatic Shielding of Spacecraft						$0
00268	CY3 Basic	TDRSS Transceiver Test Bed Development						$0
00272	CY3 Basic	Portable, Hand-held Window Inspection Device						$0
00275	CY3 Basic	CTC Program Support						$0
00260	CY3 Basic	Thermal and Fluids Analysis Workshop Support						$0
00271	CY3 Basic	Cryogenic In-line Flow Sensor						$0
00267	CY3 Basic	Three Dimensional Boundry Layer Corrections						$0
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 01					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
								$0
								$0
		TOTAL						$15,001,183
			CY 1 Adj to Actuals					-$1,340,826
			Contract Value					$13,660,357

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						
00002	CY3 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$0
00003	Basic	Corrosion Resistant Tubing						$486,831
00004	CY2 Rev A	Applied Physics Infrastructure Support						$0
00005	CY3 Basic	Corrosion Test-bed						$59,832
00006	CY3 Basic	Chemical Instrumentation and Process Lab Infrastructure						$288,396
00007	Rev B*	Hydrogen Peroxide Decomposition						$614,599
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$0
00012	Rev B	Ionic Liquids						$13,127
00013	CY3 Basic	Corrosion Detection, Prediction and Prevention						$0
00014	CY 2 Rev B	OTV Modernization						$181,934
00015	CY3 Basic	Communications Engineering Infrastructure						$57,008
00016	CY2 Basic	Network Architecture & Routing Protocols						$471,020
00017	Basic	KSC LAN Documentation and User Guides						$149,425
00018	CY3 Basic	Asynchronous Transfer Mode (ATM) Development Project						$0
00019	CY3 Basic	Fiber Optics Lab Projects						$223,923
00020	CY3 Rev A	Network Systems & Security (NSS)						$484,993
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$703,354
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$51,923
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 3 Basic	Electrostatics and Materials Physics Testbed						$0
00028	CY2 Rev B	Electrostatic and Surface Physics Research and Development						$59,651
00029	Basic	Payload Contamination Monitoring						$25,478
00030	CY3 Basic	Development of KSC Infrastructure Documentation						$0
00031	CY3 Basic	Miscellaneous Operations Support						$29,036
00032	CY2 YE*	Proof-of-Concept Support						$156,336
00033	CY3 Basic	LETF & Instrumentation O&M						$290,236
00034	CY3 Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$1,347,999
00035	CY2 Rev B	LOX Pump Qualification Testing						$269,092
								$162,000

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 02					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00036	CY3 Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$166,099
00038	CY3 Basic	Dev and Test Operations Infrastructure and LETF O&M						$857,824
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	CY3 Basic	Systems Engineering (NGLT)						$476,956
00042	CY3 Rev B	Engineering Technical Services Support and CAD/CAE Support						$388,299
00043	CY3 Basic	Technology Programs and Commercialization Support						$403,211
00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$0
00045	CY3 Basic	Specifications, Standards, and Kennedy Documented Procedures						$93,136
00046	CY3 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$55,000
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$34,189
00049	CY3 Basic	LETF Shuttle Operations Testing Support						$300,000
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$0
00051	CY3 Basic	GSE Controls Integration						$90,071
00052	CY3 Basic	Command and Control Laboratory Infrastructure						$655,864
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	CY3 Basic	SSPF Transducer Laboratory Support						$50,111
00056	CY3 Basic	Shuttle Transducer Development						$226,681
00057	CY3 Basic	Shuttle Transducer Spec & Std Maintenance						$300,081
00058	CY2 Basic	In-Situ Pressure Calibration System						$6,866
00059	CY2 Basic	NIST Traceable Portable Pressure Standard						$71,645
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Rev A	Advanced Hazardous Gas Detection System Development						$0
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$31,772
00063	CY3 Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$779,823
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$128,600
00070	CY3 Rev A	SBIR/STTR Support						$90,000
00071	CY3 Basic	LETF DOD Load Testing Support						$128,323
00072	CY2 Rev A	E-nose for ISS and EVA						$17,821
00074	CY 2 Basic	Technical Documentation Database System						$55,900
00076	Basic	Laser Processing of Spaceport Materials						$0
00078	CY2 Basic	Capcitance Based Sensors						$22,019
00079	CY3 Basic	NGLT Project Management Support						$133,718
00080	CY3 Rev B	Software Process Improvement Effort						$97,639
00081	CY3 Basic	MSBLS Flight Inspection System Support						$99,940
00082	CY2 Rev A	Flight Modem Project						$64,988
00083	CY3 Basic	Electronics Infrastructure						$334,132
00084	CY3 Basic	Range Infrastructure						$192,012

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00085	CY3 Basic	Weather Projects Support						$14,975
00086	CY3 Rev A	Autonomous Flight Safety System (AFSS)						$176,950
00087	CY3 Rev C	Emerging Communication Technology (ECT)						$299,207
00088	CY3 Rev A	Space Based Telemetry and Range Safety (STARS)						$330,440
00089	CY2 Rev B	Intelligent Cable Tester						$92,116
00090	CY3 Basic	KCCS Infrastructure Conversion						$591,027
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$0
00092	CY3 Rev A	NAVAIDS Flight Inspection System Development						$188,017
00093	CY2 Rev A	Airborne Particle Counting						$27,927
00094	CY3 Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$278,939
00096	CY2 Rev C	Operational Spaceport Office Project Control and Integration Support						
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$24,276
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$17,916
00102	CY3 Rev A	Agency Security Update Service (ASUS)						$19,948
00105	Basic	Failsafe Jackscrew						$146,694
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at the Pads						$0
00119	Basic	WB TAU Certification for Flowliner						
00120	Basic	Cryolab Oxygen Monitor						$171,743
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY3 Rev A	Minature Smart Leak Sensor						$0
00126	CY3 Basic	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$154,840
00131	CY3 Basic	KSC BTU Measurement System						$40,950
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$100,163
00135	CY3 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$66,374
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$0
00140	CY2 Rev A	Thermal Insulation System Retrofit						$28,970
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$22,038
00142	CY3 Basic	High Pressure, High Shock Mass Level Sensor						$117,033
00143	Basic	Systems Engineering Tools Assessment						$251,049
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$77,258
00145	CY 2 Rev B	EVM Support to YA						$0
								$9,293
								$88,414

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00146	Rev A	ELV Lightning Detection Support						$0
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$138,392
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$57,081
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$15,027
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$102,000
00152	Basic	Long Distance Transfer Piping						$0
00153	CY3 Basic	Spaceport Engineering and Technology Process Improvement						$152,987
00154	CY 2 Rev B	OTV System Modernization						$22,291
00155	CY3 Basic	ELV/Payload Transducer Laboratory Support						$14,887
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities at KSC						$1,972
00157	Basic	Seawater Immersion Facility Support						$0
00158	CY3 Basic	Non-Destructive Examination Support in Preparation for RTF						$138,082
00159	CY2 Basic	Millimeter Wave Imaging Support						$249,980
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$1,183
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$69,400
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$291,038
00164	CY2 Rev A	Certification of the Mech Failure Analysis Lab GHE and GN2 Panels						$17,500
00165	CY2 Basic	RF Health Node						$37,971
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$67,799
00168	CY2 Rev C	Project Mgt Support of the ETDC Lab Consolidation Project						$15,603
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$186,578
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$25,000
00173	CY2 Basic	LPS Operations and Maintenance Support						$22,483
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$103,727
00176	CY2 Rev D	ISRU Quick Assessment						$7,738
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$15,832
00178	CY2 Rev A	Hyper Spill Detection System						$41,109
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$98,761
00180	CY2 Rev E	New Microencapsulated Membrane						$82,174
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$199,900
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$72,342
00183	CY2 Basic	Vision Location System Research						$69,880
00184	CY2 Rev A	LASER Repair Applications						$10,540
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$81,044

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$84,666
00187	CY3 Basic	Hazardous Gas Detection Applications						$180,626
00188	CY2 Rev A	Intelligent Algorithms						$73,690
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$72,173
00190	CY3 Basic	Development Systems Support for SPS Development Lab						$218,971
00193	CY2 Basic	Knowledge Management for Ground Processing						$45,064
00194	CY2 Rev E	Impact Penetration Sensor System for RC and LI900 Tile						$467,055
00195	CY3 Rev A	Return to Flight Ground Camera Project						$1,295,766
00198	CY3 Rev A	USTDC RTF Project Mgt and Technincal Expertise						$151,258
00199	CY3 Basic	Ground Processing Shop Aids and Tools						$125,194
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						$3,161
00201	CY3 Basic	Launch System Testbed O&M						$126,245
00202	CY3 Basic	Performance Evaluation of Rapid Cure Coatings						$198,296
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$30,212
00204	CY2 Basic	Development of Acoustic Estimate Tool						$22,500
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$10,455
00206	CY2 Basic	Formulation of Polymer Materials for ESD and Flame Retardency						$8,526
00207	CY3 Basic	Ablator Impact Testing						$1,058,414
00208	CY3 Basic	Wireless Networks and Sensors						$22,208
00209	CY2 Rev B	ESS Wireless Network Installation						$14,865
00210	CY3 Basic	Constellation Project Management and System Engineering Support						$1,478,157
00211	CY2 Basic	System Administrator Certifications						$9,245
00212	CY3 Basic	PCG2 System Support						$78,535
00214	CY3 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$16,875
00215	CY2 Rev A	HyTEX RF Health Node						$26,486
00216	CY3 Basic	NGLT Systems Analysis Project Systems Engineering						$81,204
00217	CY3 Basic	NAVAIR --Coatings Study						$22,000
00218	CY3 Basic	ASTWG/ARTWG Conference Support						$6,700
00219	CY3 Basic	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$11,019
00220	CY3 Basic	Non-Governmental VCS's and Standards						$15,780
00221	CY3 Basic	KCCS Infrastructure Conversion Project Integration						$106,496
00222	CY3 Basic	NESC Technical Support						$70,065
00223	CY2 Basic	Coriolis Flow Meter Testing						$13,058
00224	CY3 Basic	SLF ATCT Equipment and Cable Installation						$4,977
00225	CY3 Basic	ELV Contamination Monitoring Instrumentation Project						$16,949
00226	CY3 Basic	Detection and Measurement of Water in Spaceflight Materials						$90
00228	CY3 Rev A	NOAA-A GN2 Cooler System Documentation						$192,543
00229	CY3 Rev A	De-painting Technology for Structural Steel						$8,708

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00230	CY3 Rev A	Polyurethane Replacement Coatings						$9,236
00231	CY3 Rev A	Intergated Intelligent Health Management System (OSF)						$2,753
00232	CY3 Basic	Self Validating Thermocouple System						$12,654
00233	CY3 Rev A	Thermal Control System Mulit-layer Blankets Grounding and Electrostatic Evalaution						$177,448
00234	CY2 Rev A	Environmental Monitoring Support						$9,259
00235	CY3 Basic	System Component Selection Tool Demonstration Project						$57,781
00236	CY2 Basic	Advanced Engineering Environment: Collaborative Tools and Need Baseline						$18,000
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$2,520
00238	CY3 Basic	Debris Recognition -- Camera Image Analysis						$83,549
00239	CY3 Basic	Cost Efficient Storage and Transfer (CESAT)						$115,574
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$4,831
00241	CY3 Rev A	Boeing Space Station Support						$0
00242	CY3 Basic	Usability Study of Virtual and Simulation Environments						$10,455
00244	CY2 Rev B	Wire Insulation Repair and Self-Healing Technology Development						$73
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY3 Rev A	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$328
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$0
00253	CY3 Basic	Chemical Vapor Detection Expertise						$0
00254	CY3 Basic	Analytical Instrumentation Expertise						$0
00255	CY3 Rev B	Wire Insulation and Membrane Expertise						$0
00257	CY3 Basic	Electrostatics and Surface Research						$0
00258	CY3 Rev B	Environmental Rededlation Expertise						$0
00259	CY3 Basic	NESC SRB Stud Hang-up Testing						$0
00261	CY3 Basic	Commodity-Free Calibration						$0
00263	CY3 Basic	Physics of Rocket Exhaust Cratering						$0
00262	CY3 Basic	Cryogenics Testbed Stand Down Recovery Plan						$0
00265	CY3 Basic	Electrostatic Shielding of Spacecraft						$0
00268	CY3 Basic	TDRSS Transceiver Test Bed Development						$0
00272	CY3 Basic	Portable, Hand-held Window Inspection Device						$0
00275	CY3 Basic	CTC Program Support						$0
00260	CY3 Basic	Thermal and Fluids Analysis Workshop Support						$0
00271	CY3 Basic	Cryogenic In-line Flow Sensor						$0
00267	CY3 Basic	Three Dimensional Boundry Layer Corrections						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
								$0
		TOTAL						$0
								$25,098,449
		CY 2 Adj to Actuals						-$2,814,534
		Contract Value						$22,283,915

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

			CY 03					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY3 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$425,151
00003	Basic	Corrosion Resistant Tubing						$0
00004	CY2 Rev A	Applied Physics Infrastructure Support						$17,827
00005	CY3 Basic	Corrosion Test-bed						$259,039
00006	CY3 Basic	Chemical Instrumentation and Process Lab Infrastructure						$221,601
00007	Rev B*	Hydrogen Peroxide Decomposition						$0
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$0
00012	Rev B	Ionic Liquids						$0
00013	CY3 Basic	Corrosion Detection, Prediction and Prevention						$117,290
00014	CY 2 Rev B	OTV Modernization						$0
00015	CY3 Basic	Communications Engineering Infrastructure						$477,884
00016	CY2 Basic	Network Architecture & Routing Protocols						$0
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	CY3 Basic	Asynchronous Transfer Mode (ATM) Development Project						$296,736
00019	CY3 Basic	Fiber Optics Lab Projects						$313,900
00020	CY3 Rev A	Network Systems & Security (NSS)						$428,314
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$0
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 3 Basic	Electrostatics and Materials Physics Testbed						$58,731
00028	CY2 Rev B	Electrostatic and Surface Physics Research and Development						$0
00029	Basic	Payload Contamination Monitoring						$0
00030	CY3 Basic	Development of KSC Infrastructure Documentation						$30,395
00031	CY3 Basic	Miscellaneous Operations Support						$187,760
00032	CY2 YE*	Proof-of-Concept Support						$136,006
00033	CY3 Basic	LETF & Instrumentation O&M						$1,349,000
00034	CY3 Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$69,630
00035	CY2 Rev B	LOX Pump Qualification Testing						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 03					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	= Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00036	CY3 Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$178,299
00038	CY3 Basic	Dev and Test Operations Infrastructure and LETF O&M						$550,200
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	CY3 Basic	Systems Engineering (NGLT)						$251,261
00042	CY3 Rev B	Engineering Technical Services Support and CAD/CAE Support						$460,870
00043	CY3 Basic	Technology Programs and Commercialization Support						$690,343
00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$0
00045	CY3 Basic	Specifications, Standards, and Kennedy Documented Procedures						$40,264
00046	CY3 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$80,705
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$30,000
00049	CY3 Basic	LETF Shuttle Operations Testing Support						$393,970
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$0
00051	CY3 Basic	GSE Controls Integration						$204,773
00052	CY3 Basic	Command and Control Laboratory Infrastructure						$277,900
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	CY3 Basic	SSPF Transducer Laboratory Support						$49,999
00056	CY3 Basic	Shuttle Transducer Development						$405,000
00057	CY3 Basic	Shuttle Transducer Spec & Std Maintenance						$249,999
00058	CY2 Basic	In-Situ Pressure Calibration System						$0
00059	CY2 Basic	NIST Traceable Portable Pressure Standard						$0
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Rev A	Advanced Hazardous Gas Detection System Development						$0
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$0
00063	CY3 Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$503,597
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$0
00070	CY3 Rev A	SBIR/STTR Support						$102,913
00071	CY3 Basic	LETF DOD Load Testing Support						$149,999
00072	CY2 Rev A	E-nose for ISS and EVA						$0
00074	CY 2 Basic	Technical Documentation Database System						$0
00076	Basic	Laser Processing of Spaceport Materials						$0
00078	CY2 Basic	Capcitance Based Sensors						$0
00079	CY3 Basic	NGLT Project Management Support						$0
00080	CY3 Rev B	Software Process Improvement Effort						$156,678
00081	CY3 Basic	MSBLS Flight Inspection System Support						$156,000
00082	CY2 Rev A	Flight Modem Project						$0
00083	CY3 Basic	Electronics Infrastructure						$88,991
00084	CY3 Basic	Range Infrastructure						$157,291

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 03					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00085	CY3 Basic	Weather Projects Support						$14,999
00086	CY3 Rev A	Autonomous Flight Safety System (AFSS)						$213,693
00087	CY3 Rev C	Emerging Communication Technology (ECT)						$499,999
00088	CY3 Rev A	Space Based Telemetry and Range Safety (STARS)						$100,005
00089	CY2 Rev B	Intelligent Cable Tester						$57,820
00090	CY3 Basic	KCCS Infrastructure Conversion						$560,840
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$0
00092	CY3 Rev A	NAVAIDS Flight Inspection System Development						$416,999
00093	CY2 Rev A	Airborne Particle Counting						$0
00094	CY3 Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$288,414
00096	CY2 Rev C	Operational Spaceport Office Project Control and Integration Support						$0
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$0
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$142,506
00102	CY3 Rev A	Agency Security Update Service (ASUS)						$172,083
00105	Basic	Failsafe Jackscrew						$0
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at the Pads						$26,383
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY3 Rev A	Minature Smart Leak Sensor						$134,745
00126	CY3 Basic	Corrosion Testing of Airplane Wing Structures						$29,025
00127	Basic	Spaceport Processing System LPS Survivability Task						$0
00131	CY3 Basic	KSC BTU Measurement System						$11,355
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$0
00135	CY3 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$16,875
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$0
00140	CY2 Rev A	Thermal Insulation System Retrofit						$0
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$0
00142	CY3 Basic	High Pressure, High Shock Mass Level Sensor						$84,524
00143	Basic	Systems Engineering Tools Assessment						$0
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$0
00145	CY 2 Rev B	EVM Support to YA						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00146	Rev A	ELV Lightning Detection Support						$0
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$0
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$0
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	CY3 Basic	Spaceport Engineering and Technology Process Improvement						$0
00154	CY 2 Rev B	OTV System Modernization						$158,459
00155	CY3 Basic	ELV/Payload Transducer Laboratory Support						$0
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilites at KSC						$14,967
00157	Basic	Seawater Immersion Facility Support						$0
00158	CY3 Basic	Non-Destructive Examination Support in Preparation for RTF						$0
00159	CY2 Basic	Millimeter Wave Imaging Support						$85,479
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$0
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$0
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$0
00164	CY2 Rev A	Certification of the Mech Failure Analysis Lab GHE and GN2 Panels						$0
00165	CY2 Basic	RF Health Node						$0
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of the ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$0
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$0
00173	CY2 Basic	LPS Operations and Maintenance Support						$0
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$338
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$0
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0

Base Period Task Order Summary

			CY 03					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00186	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						$0
00187	CY3 Basic	Hazardous Gas Detection Applications						$564,136
00188	CY2 Rev A	Intelligent Algorithms						$0
00189	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						$0
00190	CY3 Basic	Development Systems Support for SPS Development Lab						$279,514
00193	CY2 Basic	Knowledge Management for Ground Processing						$0
00194	CY2 Rev E	Impact Penetration Sensor System for RC and LI900 Tile						$0
00195	CY3 Rev A	Return to Flight Ground Camera Project						$1,272,285
00198	CY3 Rev A	USTDC RTF Project Mgt and Technincal Expertise						$105,410
00199	CY3 Basic	Ground Processing Shop Aids and Tools						$195,438
00200	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						
00201	CY3 Basic	Launch System Testbed O&M						$98,600
00202	CY3 Basic	Performance Evaluation of Rapid Cure Coatings						$172,745
00203	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						$0
00204	CY2 Basic	Development of Acoustic Estimate Tool						$0
00205	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						$0
00206	CY2 Basic	Formulation of Polymer Materials for ESD and Flame Retardency						$0
00207	CY3 Basic	Ablator Impact Testing						$463,001
00208	CY3 Basic	Wireless Networks and Sensors						$71,462
00209	CY2 Rev B	ESS Wireless Network Installation						$0
00210	CY3 Basic	Constellation Project Management and System Engineering Support						$1,442,994
00211	CY2 Basic	System Administrator Certifications						$0
00212	CY3 Basic	PCG2 System Support						$53,689
00214	CY3 Basic	Concurrent Technology Corporation (CTC) Coupon Study						$18,490
00215	CY2 Rev A	HyTEX RF Health Node						$0
00216	CY3 Basic	NGLT Systems Analysis Project Systems Engineering						$58,476
00217	CY3 Basic	NAVAIR --Coatings Study						$23,575
00218	CY3 Basic	ASTWG/ARTWG Conference Support						$8,779
00219	CY3 Basic	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						$18,087
00220	CY3 Basic	Non-Governmental VCS's and Standards						$52,429
00221	CY3 Basic	KCCS Infrastructure Conversion Project Integration						$109,422
00222	CY3 Basic	NESC Technical Support						$120,734
00223	CY2 Basic	Coriolis Flow Meter Testing						$0
00224	CY3 Basic	SLF ATCT Equipment and Cable Installation						$22,590
00225	CY3 Basic	ELV Contamination Monitoring Instrumentation Project						$5,305
00226	CY3 Basic	Detection and Measurement of Water in Spaceflight Materials						$124,501
00228	CY3 Rev A	NOAA-A GN2 Cooler System Documentation						$50,000
00229	CY3 Rev A	De-painting Technology for Structural Steel						$96,395

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00230	CY3 Rev A	Polyurethane Replacement Coatings						$560,435
00231	CY3 Rev A	Intergated Intelligent Health Management System (OSF)						$193,566
00232	CY3 Basic	Self Validating Thermocouple System						$46,330
00233	CY3 Rev A	Thermal Control System Mulit-layer Blankets Grounding and Electrostatic Evalaution						
00234	CY2 Rev A	Environmental Monitoring Support						$146,413
00235	CY3 Basic	System Component Selection Tool Demonstration Project						$0
00236	CY2 Basic	Advanced Engineering Environment: Collaborative Tools and Need Baseline						$78,219
00237	CY2 Rev A	Hypergolic Trigger Level Sensor						$0
00238	CY3 Basic	Debris Recognition -- Camera Image Analysis						$0
00239	CY3 Basic	Cost Efficient Storage and Transfer (CESAT)						$282,197
00240	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						$1,542,707
00241	CY3 Rev A	Boeing Space Station Support						$0
00242	CY3 Basic	Usability Study of Virtual and Simulation Environments						$8,881
00244	CY2 Rev B	Wire Insulation Repair and Self-Healing Technology Development						$67,302
00247	CY3 Rev A	Construction and Demolition Debris Characterization						$0
00248	CY3 Rev A	Moisture/Aging Study of Spray on Foam Insulation						$0
00249	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						$269,911
00250	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						$12,095
00253	CY3 Basic	Chemical Vapor Detection Expertise						$0
00254	CY3 Basic	Analytical Instrumentation Expertise						$183,158
00255	CY3 Rev B	Wire Insulation and Membrane Expertise						$239,650
00257	CY3 Basic	Electrostatics and Surface Research						$337,523
00258	CY3 Rev B	Environmental Rededlation Expertise						$345,018
00259	CY3 Basic	NESC SRB Stud Hang-up Testing						$325,569
00261	CY3 Basic	Commodity-Free Calibration						$628,739
00263	CY3 Basic	Physics of Rocket Exhaust Cratering						$59,997
00262	CY3 Basic	Cryogenics Testbed Stand Down Recovery Plan						$64,503
00265	CY3 Basic	Electrostatic Shielding of Spacecraft						$137,552
00268	CY3 Basic	TDRSS Transceiver Test Bed Development						$84,795
00272	CY3 Basic	Portable, Hand-held Window Inspection Device						$74,847
00275	CY3 Basic	CTC Program Support						$99,845
00260	CY3 Basic	Thermal and Fluids Analysis Workshop Support						$79,265
00271	CY3 Basic	Cryogenic In-line Flow Sensor						$33,684
00267	CY3 Basic	Three Dimensional Boundry Layer Corrections						$33,910
								$114,734
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 03					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
								$0
								$0
		TOTAL						$24,076,726

Contract Value, Award Fee and Incentive Fee

NAS1003006

University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	CY 04 Total Adjusted Target Labor Costs	CY 04 Other Direct Costs	CY 04 Total Estimated Cost	CY 04 Award Fee	CY 04 Incentive Fee	CY 04 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						
00002	CY3 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$0
00003	Basic	Corrosion Resistant Tubing						$0
00004	CY2 Rev A	Applied Physics Infrastructure Support						$0
00005	CY3 Basic	Corrosion Test-bed						$0
00006	CY3 Basic	Chemical Instrumentation and Process Lab Infrastructure						$0
00007	Rev B*	Hydrogen Peroxide Decomposition						$0
00008	Rev A	Galvanic Coatings for Protection of Concrete						$0
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$0
00012	Rev B	Ionic Liquids						$0
00013	CY3 Basic	Corrosion Detection, Prediction and Prevention						$0
00014	CY 2 Rev B	OTV Modernization						$0
00015	CY3 Basic	Communications Engineering Infrastructure						$0
00016	CY2 Basic	Network Architecture & Routing Protocols						$0
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	CY3 Basic	Asynchronous Transfer Mode (ATM) Development Project						$0
00019	CY3 Basic	Fiber Optics Lab Projects						$0
00020	CY3 Rev A	Network Systems & Security (NSS)						$0
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$0
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	CY 3 Basic	Electrostatics and Materials Physics Testbed						$0
00028	CY2 Rev B	Electrostatic and Surface Physics Research and Development						$0
00029	Basic	Payload Contamination Monitoring						$0
00030	CY3 Basic	Development of KSC Infrastructure Documentation						$0
00031	CY3 Basic	Miscellaneous Operations Support						$0
00032	CY2 YE*	Proof-of-Concept Support						$0
00033	CY3 Basic	LETF & Instrumentation O&M						$0
00034	CY3 Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$0
00035	CY2 Rev B	LOX Pump Qualification Testing						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

CY 04

Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00036	CY3 Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$0
00038	CY3 Basic	Dev and Test Operations Infrastructure and LETF O&M						$0
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	CY3 Basic	Systems Engineering (NGLT)						$0
00042	CY3 Rev B	Engineering Technical Services Support and CAD/CAE Support						$0
00043	CY3 Basic	Technology Programs and Commercialization Support						$0
00044	Rev A	ARTWG/ASTWG Integration and Conference Support						$0
00045	CY3 Basic	Specifications, Standards, and Kennedy Documented Procedures						$0
00046	CY3 Basic	ISS Support Equipment Fabrication, Integration, and Testing						$0
00047	CY3 Rev A	Beach Corrosion Data Acquisition System Support						$0
00049	CY3 Basic	LETF Shuttle Operations Testing Support						$0
00050	Rev A	Hazardous Gas Detection System (HGDS) 2000						$0
00051	CY3 Basic	GSE Controls Integration						$0
00052	CY3 Basic	Command and Control Laboratory Infrastructure						$0
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	CY3 Basic	SSPF Transducer Laboratory Support						$0
00056	CY3 Basic	Shuttle Transducer Development						$0
00057	CY3 Basic	Shuttle Transducer Spec & Std Maintenance						$0
00058	CY2 Basic	In-Situ Pressure Calibration System						$0
00059	CY2 Basic	NIST Traceable Portable Pressure Standard						$0
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Rev A	Advanced Hazardous Gas Detection System Development						$0
00062	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						$0
00063	CY3 Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$0
00064	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						$0
00070	CY3 Rev A	SBIR/STTR Support						$0
00071	CY3 Basic	LETF DOD Load Testing Support						$0
00072	CY2 Rev A	E-nose for ISS and EVA						$0
00074	CY 2 Basic	Technical Documentation Database System						$0
00076	Basic	Laser Processing of Spaceport Materials						$0
00078	CY2 Basic	Capcitance Based Sensors						$0
00079	CY3 Basic	NGLT Project Management Support						$0
00080	CY3 Rev B	Software Process Improvement Effort						$0
00081	CY3 Basic	MSBLS Flight Inspection System Support						$0
00082	CY2 Rev A	Flight Modem Project						$0
00083	CY3 Basic	Electronics Infrastructure						$0
00084	CY3 Basic	Range Infrastructure						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

CY 04

Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00085	CY3 Basic	Weather Projects Support						$0
00086	CY3 Rev A	Autonomous Flight Safety System (AFSS)						$0
00087	CY3 Rev C	Emerging Communication Technology (ECT)						$0
00088	CY3 Rev A	Space Based Telemetry and Range Safety (STARS)						$0
00089	CY2 Rev B	Intelligent Cable Tester						$0
00090	CY3 Basic	KCCS Infrastructure Conversion						$0
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$0
00092	CY3 Rev A	NAVAIDS Flight Inspection System Development						$0
00093	CY2 Rev A	Airborne Particle Counting						$0
00094	CY3 Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$0
								$0
00096	CY2 Rev C	Operational Spaceport Office Project Control and Integration Support						
00098	CY 2 Rev B	Launch Exhaust Management Systems Phase II						$0
00099	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						$0
00102	CY3 Rev A	Agency Security Update Service (ASUS)						$0
00105	Basic	Failsafe Jackscrew						$0
00111	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						$0
								$0
00115	CY3 Basic	Camera Measurement System for Payload Positioning at the Pads						
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Rev A	RWGS						$0
00125	CY3 Rev A	Minature Smart Leak Sensor						$0
00126	CY3 Basic	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$0
00131	CY3 Basic	KSC BTU Measurement System						$0
00132	CY2 Rev B	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$0
00135	CY3 Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$0
00137	CY2 Rev A	Modeling of Advanced Physics Concepts						$0
00140	CY2 Rev A	Thermal Insulation System Retrofit						$0
00141	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						$0
00142	CY3 Basic	High Pressure, High Shock Mass Level Sensor						$0
00143	Basic	Systems Engineering Tools Assessment						$12,709
00144	CY 2 Rev B	Mars Dust Partical Analyzer						$0
00145	CY 2 Rev B	EVM Support to YA						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 04					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00146	Rev A	ELV Lightning Detection Support						$0
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$0
00148	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						$0
00149	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$0
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	CY3 Basic	Spaceport Engineering and Technology Process Improvement						$0
00154	CY 2 Rev B	OTV System Modernization						$0
00155	CY3 Basic	ELV/Payload Transducer Laboratory Support						$0
00156	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabillites at KSC						$0
00157	Basic	Seawater Immersion Facility Support						$0
00158	CY3 Basic	Non-Destructive Examination Support in Preparation for RTF						$0
00159	CY2 Basic	Millimeter Wave Imaging Support						$0
00160	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						$0
00161	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						$0
00162	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						$0
00163	CY2 Rev C	Experiment Management Unit (EMU) Development Support						$0
00164	CY2 Rev A	Certification of the Mech Failure Analysis Lab GHE and GN2 Panels						$0
00165	CY2 Basic	RF Health Node						$0
00166	CY2 Rev C	Hazardous Environment Equipment Upgrades						$0
00168	CY2 Rev C	Project Mgt Support of the ETDC Lab Consolidation Project						$0
00169	CY2 Basic	ELV GN2 Pressure Reducing Panel						$0
00170	CY2 Rev C	ATDC Engineering Study and Implementation Plan						$0
00171	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						$0
00173	CY2 Basic	LPS Operations and Maintenance Support						$0
00174	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						$0
00176	CY2 Rev D	ISRU Quick Assessment						$0
00177	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						$0
00178	CY2 Rev A	Hyper Spill Detection System						$0
00179	CY2 Rev E	Polymide Wire Insulation Repair Material						$0
00180	CY2 Rev E	New Microencapsulated Membrane						$0
00181	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						$0
00182	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						$0
00183	CY2 Basic	Vision Location System Research						$0
00184	CY2 Rev A	LASER Repair Applications						$0
00185	CY2 Rev B	Electro-Optic Electric Field Measurements						$0

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
33	See Block 16C.	4200097405	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $6,084,443

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the net amount of $6,084,443 for a total contract obligation amount of $52,402,587.55. This action obligates $6,111,302 from PR 4200097405 and de-obligates $26,859 of existing contract funding resulting in a net increase of $6,084,443. The funding is considered to be adequate for contract performance through May 31, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13 with the attached revised page 13.

3. All other terms and conditions remain unchanged.

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	1/20/05

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
33				$6,084,443	05/31/2005	
Total Amount				52,402,587.55	05/31/2005	$59,545,174

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
32	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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: Contract clause B.2 Contract Value, Award Fee, and Incentive Fee and Mutual Agreement of the Parties
	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.)

1. This modification updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee to reflect the most current value for Incentive Fee earned; Attachment J-1, Appendix A, Data Requirements List Item 022, Headcount Report is amended to clarify the delivery date; and Attachment J-5C is amended to add a new Sierra Lobo labor classification for a Subject Matter Expert.

(See Continuation Page)

Except at 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)
DENNIS R WEAVER DIRECTOR BUSINESS OPS	JOHN M. VONDENHUEVEL

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	1/13/05	BY (Signature of Contracting Officer)	1-14-05

2. The following page changes shall be made to incorporate the above modifications:

   Section B:

   Replace page 8 with the attached revised page 8.

   Section J:

   Attachment J-1, Appendix A: Replace pages 3 and 30 with the attached revised pages 3 and 30.

   Attachment J-5C: Replace pages 1 through 4 with the attached revised pages 1 through 4.

3. All other contract terms and conditions remain unchanged.

Table B-3			
Incentive Fee			
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			$33,167
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

DATA REQUIREMENTS LIST	
DRL NUMBER:	REVISION
PROJECT/SYSTEM: University-affiliated Spaceport Technology Development Contract	
CONTRACT NUMBER	PREPARATION DATE: 6/21/02
CONTRACTOR	TECHNICAL APPROVAL
ATTACHMENT NUMBER	EXHIBIT NUMBER

ITEM NO.	TITLE	CHANGE STATUS
1	Emergency Preparedness Plan	
2	Internal Surveillance Plan	
3	Internal Surveillance Report	
4	Task Order Plan	
5	Contractor Financial Management Report (NASA Form 533 Series)	
6	Management Plan	
7	Safety and Health Plan	
8	Information Technology (IT) Security Plan	
9	Security Plan	
10	Risk Management Plan	
11	Technology Outreach Plan	
12	Quality Management System Plan	
13	Motor Vehicle Utilization Plan	
14	Technology Transfer Plan	
15	Export Control Plan	
16	Reserved	Deleted - Modifcation 2
17	Equal Employment Opportunity Report	
18	Technology Transfer Report	
19	Safety Statistics Report	
20	Pressure Vessel/System Certification Report	
21	Government-Industry Data Exchange Program (GIDEP) Alert System Report	
22	Headcount Report	Changed – Modification 32
23	Advanced Notifcations of Workforce Reductions	New -Modification 6

KSC FORM 16-245 (REV 1/82)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL USTDC Page 1 of 2

A. ITEM NO. 022

B. LINE ITEM TITLE:

Headcount Report

C. OPR.	D. TYPE	E. INSPECT/ ACCEPT	F. FREQ.	G. INITIAL SUB.	H. AS OF DATE
YA-A	3	6	QU	See Block J	See Block J

J. REMARKS:

A. Block G: Initial submittal 10 days after contract start. Thereafter, labor reports shall be submitted at the end of each Government Fiscal Year quarter, not later than the 5th day of the following month.

K. DISTRIBUTION

YA-A (CTM) (1)
OP-OSO (1)
GG-C-A2 (1)
BA-D (1) OP (S. Haddad) (1)

TOTALS NO.	TYPE
5	A

DATA REQUIREMENT DESCRIPTION

1. TITLE
Headcount Report

2. NUMBER

3. USE
Information for workforce reporting requirements.

4. DATE

5. ORGANIZATION
KSC/YA

7. INTERRELATIONSHIP

6. REFERENCES

8. PREPARATION INFORMATION

A. A complete organization chart including all employees by skill or job classification shall be provided.

B. Labor data should be submitted and should be formatted as follows:

Total Headcount at KSC

Prime
On Site
Off Site
Dispossessed
Other Off Site

Total: _____

Subcontractors (by name): **(Include only Subcontractors with on site personnel)**
On Site
Off Site
Dispossessed
Other Off Site

Total: _____

Construction

Subcontractors (by name): Brief Description Total

(See continuation sheet)

KSC FORM 16-246 (REV. 1/82)

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Direct Labor Classification	GFY 2003		GFY 2004		GFY 2005		GFY 2006		GFY 2007	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Subject Matter Expert										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Aide V										
Millwright										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Senior Principal Investigator										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

NAS1003006
File Name: AS-SL-USTDC-Cost-Forms-FPR.xls
( ) Prime Contractor: ASRC
(X) Sub Contractor: Sierra Lobo, Inc.

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Base Period: Off-Site Milan, OH

Direct Labor Classification	GFY 2003		GFY 2004		GFY 2005		GFY 2006		GFY 2007	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Subject Matter Expert										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Direct Labor Classification	GFY 2008		GFY 2009		GFY 2010		GFY 2011		GFY 2012	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
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Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Subject Matter Expert										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Aide V										
Millwright										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Senior Principal Investigator										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Direct Labor Classification	GFY 2008		GFY 2009		GFY 2010		GFY 2011		GFY 2012	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager	[redacted]		[redacted]						[redacted]	
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
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Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Subject Matter Expert										
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Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
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Illustrator I										
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Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
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Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
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Heavy Equipment Operator										
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Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
31	See Block 16C.	4200093699	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $1,281,558

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $1,281,558 for a total contract obligation amount of $46,318,144.55. This action obligates $1,453,501 from PR 4200093699 and de-obligates $171,943 of existing contract funding resulting in a net increase of $1,281,558. The funding is considered to be adequate for contract performance through March 08, 2005.
2. The following page changes shall be made to the contract to incorporate the above modification:

   Section B: Replace page 13 with the attached revised page 13.

3. All other terms and conditions remain unchanged.

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 12/16/04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1				$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
31				$1,281,558	03/08/2005	
Total Amount				$46,318,144.55	03/08/2005	$59,545,174

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
30	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

(✓)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

CODE 1CZZ9 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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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).
C.	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X D.	OTHER Specify type of modification and authority) Award Fee Payment, Section G contract clause G.2 Award Fee for Service Contracts (NFS 1852.216-76)

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.)

1. This modification incorporates the performance rating, numerical score, and the earned award fee for the performance evaluation period of October 1, 2003 through September 30, 2004 and also updates contract value.

(See Continuation Page)

Except at 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) John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 11/30/04

2. Pursuant to contract clause G.2, NFS 1852.216-76, AWARD FEE FOR SERVICE CONTRACTS (JUN 2000)(MODIFIED), this contract modification incorporates an adjective rating of Excellent, a performance rating of 92, and earned award fee of $956,760 for the period of October 1, 2003 through September 30, 2004. Cumulative provisional award fee payments made during this evaluation period were $761,049; therefore the **NET AMOUNT DUE is $195,711**. Contract tables B-1 and B-2 are updated to reflect available and earned award fee.

3. This modification also updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of the work authorized on the contract, the contents of the task orders listed in contract attachment J-10 are hereby incorporated by reference.

4. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J Table of Contents

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J, Attachment J-10

Replace pages 1 through 36 with the revised pages 1 through 36.

4. All other contract terms and condition remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$59,545,174
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3			
Incentive Fee			
Contract Period	**Available Incentive Fee***	**Completed WFO****	**Incentive Fee Earned-to-Date*****
Base Period			
03/01/03 to 9/30/07			$7,532
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
30						$(566,966)
Total Amount				45,036,568.55	02/09/2005	$59,545,174

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
29	See Block 16C.	4200091148	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $1,077,515

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.
X	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) and Contract clause B.2 Contract value, Award Fee, and Incentive Fee
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	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.)*

1. This modification adds incremental funding to the contract in the amount of $1,077,515 for a total contract obligation amount of $45,036,586.55. This action obligates $1,505,748 from PR 4200091148 and de-obligates $428,233 of existing contract funding resulting in a net increase of $1,077,515. The funding is considered to be adequate for contract performance through February 09, 2005.
2. This modification also updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of work authorized on the contract, the contents of which are hereby incorporated by reference.
3. All other terms and conditions remain unchanged.

(See Continuation Page)

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 11/22/04

4. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J; Attachment J-10

Replace pages 1-36 with the attached revised pages 1-36.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$60,112,140
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	**Adjusted Target Cost***	**Available Award Fee****	**Earned Award Fee**	**Score**	**Rating**
Base Period					
CY1 Award to 9/30/03	[redacted]			92	Excellent
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3			
Incentive Fee			
Contract Period	**Available Incentive Fee***	**Completed WFO****	**Incentive Fee Earned-to-Date*****
Base Period			
03/01/03 to 9/30/07			$7,546
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.
** Equals sum of all WFO completed during the contract period.
*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
29				$1,077,515	02/09/2005	$15,081,736
Total Amount				$45,036,568.55	02/09/2005	$60,112,140

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
28	See Block 16C.	4200088234	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $ 948,552

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $ 948,552 for a total contract obligation amount of $ 43,959,071.55. The funding is considered to be adequate for contract performance through January 28, 2005. All other terms and conditions remain unchanged.

2. The following page change shall be made to the contract to incorporate the above:

Section B - Replace page 13 with the attached revised page 13.

Except at 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)* JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 10/22/04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
28				$948,552	01/28/2005	
Total Amount				43,959,071.55	01/28/2005	$45,030,404

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
27	See Block 16C.	4200087693	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $ 119,745

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $ 119,745 for a total contract obligation amount of $ 43,010,519.55. The funding is considered to be adequate for contract performance through December 30, 2004. All other terms and conditions remain unchanged.

2. The following page change shall be made to the contract to incorporate the above:

Section B - Replace page 13 with the attached revised page 13.

Except at 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)*
DENNIS R WEAVER DIRECTOR BUSINESS OPERATIONS	JOHN M. VONDENHUEVEL

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	9/29/04	BY *(Signature of Contracting Officer)*	9-24-04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
23				$641,201	10/08/2004	$4,564,822
24				$1,752,924	11/12/2004	
25				$604,026	11/16/2004	
26				$3,932,993.27	12/30/2004	$4,200,702
27				$119,745	12/30/2004	
Total Amount				43,010,519.55	12/30/2004	$45,030,404

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
NAS10-03006	1	2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
26	See Block 16C.	4200086919	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net increase in obligation amount of $3,932,993.27

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.

(X) 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) and Contract clause B.2 Contract value, Award Fee, and Incentive Fee

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

☐ 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.)

1. This modification adds incremental funding to the contract in the amount of $3,932,993.27 for a total contract obligation amount of $42,890,774.55. This action obligates $4,190,068.27 from PR 4200086919 and de-obligates $257,075 of existing contract funding, resulting in a net increase of $3,932,993.27. The funding is considered to be adequate for contract performance through December 30, 2004.
2. This modification also updates contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of work authorized on the contract, the contents of which are hereby incorporated by reference.
3. All other terms and conditions remain unchanged.

(See Continuation Page)

Except at 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) JOHN M. VONDENHUEVEL	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9-22-04

4. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J; Attachment J-10

Replace pages 1-36 with the attached revised pages 1-36.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$45,030,404
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period	[redacted]				
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3

Incentive Fee

Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			$5,510
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1						
2				$4,334,267	4/30/2003	$4,334,267
4				$2,208,012	5/30/2003	$2,208,012
5				$1,629,276	7/11/2003	-
6				$1,246,169	8/04/2003	-
7				$ 1,813,245	9/03/2003	$8,339,265
8				$3,302,408	10/17/2003	
9				$2,203,787	11/21/2003	$2,097,273
10				$130,141	11/21/2003	
11				$2,141,294	01/02/2004	$11,453,640
12				$1,583,310	02/06/2004	
13						($51,803)
14				$3,073,269	04/05/2004	
15						$4,835,575
16				$1,375,467	04/23/2004	
17				$1,801,848	05/27/2004	
18				$1,721,746	06/18/2004	
19						$ 3,048,651
20				$1,231,987	07/08/2004	
21				$76,995	07/09/2004	
22				1,373,128.28	08/06/2004	
23				$4,713,281	09/30/2004	
24				$641,201	10/08/2004	$4,564,822
25				$1,752,924	11/12/2004	
26				$604,026	11/16/2004	
	(b)(4)			$3,932,993.27	12/30/2004	$4,200,702
Total Amount	$			$42,890,774.55	12/30/2004	$45,030,404

(b)(4)

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY2 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and						
00003	Basic	USTDC Labs						$786,799
00004	CY2 Rev A	Corrosion Resistant Tubing						$36,000
00005	CY2 Rev A	Applied Physics Infrastructure Support						$78,674
00006	CY2 Rev B	Corrosion Test-bed						$342,669
00007	Rev B*	Chemical Instrumentation and Process Lab Infrastructure						$701,192
00008	Rev A	Hydrogen Peroxide Decomposition						$54,000
00009	CY2 Basic	Galvanic Coatings for Protection of Concrete						$31,150
00012	Rev B	Army Corrosion Retardant Additive Testing						$53,375
00013	CY2 Rev A	Ionic Liquids						$27,999
00014	CY 2 Rev B	Corrosion Detection, Prediction and Prevention						$396,800
00015	CY 2 Rev C	OTV Modernization						$396,690
00016	CY2 Basic	Communications Engineering Infrastructure						$710,385
00017	Basic	Network Architecture & Routing Protocols						$272,838
00018	CY2 Rev A	KSC LAN Documentation and User Guides						$13,868
00019	CY2 Rev A	Asynchronous Transfer Mode (ATM) Development Project						$562,978
00020	CY2 Rev C	Fiber Optics Lab Projects						$1,247,630
00021	CY2 Rev A	Network Systems & Security (NSS)						$1,076,594
00022	Basic	Network Service Level Assessment (NSLA)						$124,485
00023	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00024	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00025	Rev A	Emergency Broadcast Cable TV Alert System						$4,945
00026	CY 2 Rev A	Halon Replacement						$34,000
00028	CY2 Rev B	Electrostatics and Materials Physics Testbed						$85,451
00029	Basic	Electrostatic and Surface Physics Research and Development						$89,225
00030	CY2 Basic	Payload Contamination Monitoring						$37,078
00031	CY2 Rev B	Development of KSC Infrastructure Documentation						$100,260
00032	CY 2 Rev B	Miscellaneous Operations Support						$321,772
00033	CY 2 Rev B	Proof-of-Concept Support						$607,209
00034	CY2 Rev D	LETF & Instrumentation O&M						$2,163,529
00035	CY2 Rev B	Advanced Technology Development Center (ATDC)- Phase 1						$1,324,284
		LOX Pump Qualification Testing						$274,432

SEE CUMMULATIVE CHART: MOD 59

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
24	See Block 16C.	4200080318/4200077913	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in obligation amount of $ 1,752,924

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: Contract clause H-5 Key Personnel and Facilities (NFS 1952.235-71), FAR 43.101, Contract clause B.2 Contract Value, Award Fee. and Incentive Fee and Mutual Agreement of the Parties
	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.)

1. The purpose of this modification is to add incremental funding to the contract and to make other miscellaneous changes as identified in paragraph two.

(See continuation page)

Except at 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)
DENNIS R. WEAVER DIR. BUSINESS OPERATIONS	John M. Vondenhuevel
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	8/19/04
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 8/19/04

2. This contract modification incorporates the following changes to the contract:

   a. Section B, SUPPLIES OR SERVICES AND PRICE/COST, is amended to add funding to the contract in the amount of $ 1,752,924 for a total contract obligation amount of $38,353,755.28. The funding is considered to be adequate for contract performance through November 12, 2004.
   b. Section H, SPECIAL CONTRACT REQUIRMENTS, contract clause H.5 KEY PERSONNEL is being updated to reflect a change in the key person assigned as the USTDC Director of Technology Outreach
   c. Section J, LIST OF ATTACHMENTS, is updated as follows:
      i. Page 62, List of Attachments is updated to reflect the removal of Swales Aerospace and University of Florida (UoF) labor rates from the contract and the incorporation of the University of Central Florida (UCF) labor rates.
      ii. Attachment J-1, PERFORMANCE WORK STATEMENT, page 17, is amended to remove redundant language pertaining to safety responsibilities from paragraph 5.2.
      iii. Attachment J-1, APPENDIX C, is updated in its entirety to reflect the most current list of facilities, laboratories, and test-beds assigned to the USTDC.
      iv. Attachment J-5B, is updated to remove Swales Aerospace labor rates and replace them with UCF labor rates. Attachment J-5D, UoF labor rates are removed from the contract. The update is being done to reflect the prime contractor's change in USTDC team members.
   d. All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 13 with the attached revised page 13.

Section H

Replace page 36 with the attached revised page 36.

Section J, List of Attachments

Replace page 62 with the attached revised pages 62.

Section J, Attachment J-1

Replace page 17 with the attached revised page 17.

Section J, Attachment J-1, Appendix C

Replace pages 1 and 2 with the attached pages 1 and 2.

Section J, Attachment J-5

Replace page 1 with the attached revised page 1.

Section J, Attachment J-5B

Replace pages 1 and 2 with the attached revised pages 1 and 2.

Section J, Attachment J-5D

Remove pages 1 through 4.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)					
2				$4,334,267	4/30/2003	$4,334,267
4				$2,208,012	5/30/2003	$2,208,012
5				$1,629,276	7/11/2003	-
6				$1,246,169	8/04/2003	-
7				$ 1,813,245	9/03/2003	$8,339,265
8				$3,302,408	10/17/2003	
9				$2,203,787	11/21/2003	$2,097,273
10				$130,141	11/21/2003	
11				$2,141,294	01/02/2004	$11,453,640
12				$1,583,310	02/06/2004	
13						($51,803)
14				$3,073,269	04/05/2004	
15						$4,835,575
16				$1,375,467	04/23/2004	
17				$1,801,848	05/27/2004	
18				$1,721,746	06/18/2004	
19						$ 3,048,651
20				$1,231,987	07/08/2004	
21				$76,995	07/09/2004	
22				$1,373,128.28	08/06/2004	
23				$4,713,281	09/30/2004	
24				$641,201	10/08/2004	$4,564,822
				$1,752,924	11/12/2004	
Total Amount	(b)(4)			$38,353,755.28	11/12/2004	$40,829,702

Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

Richard Kniseley, Program Manager
John Horan, Deputy Program Manager
Dr. Pedro Medelius, USTDC Chief Technologist
Phillip Gardiner, Director, Technology Outreach
Jarl Gustafson, Director, SH&MA

H.6 PENSION PORTABILITY (NASA 1852.237-71)(JAN 1997)

(a) In order for pension costs attributable to employees assigned to this contract to be allowable costs under this contract, the plans covering such employees must:

(1) Comply with all applicable Government laws and regulations;

(2) Be a defined contribution plan, or a multiparty defined benefit plan operated under a collective bargaining agreement. In either case, the plan must be portable, i.e., the plan follows the employee, not the employer;

(3) Provide for 100 percent employee vesting at the earlier of one year of continuous employee service or contract termination; and

(4) Not be modified, terminated, or a new plan adopted without the prior written approval of the cognizant NASA Contracting Officer.

(b) The Contractor shall include paragraph (a) of this clause in subcontracts for continuing services under a service contract if:

(1) The prime contract requires pension portability;

(2) The subcontracted labor dollars (excluding any burdens or profit/fee) exceed $2,500,000 and ten percent of the total prime contract labor dollars (excluding any burdens or profit/fee); and

(3) Either of the following conditions exists:

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
J-3	USTDC Performance Surveillance and Award Fee Plan	14
J-4	Safety and Health Plan	27
J-5	Task Order Pricing Rate Schedule	
	J-5A, ASRC Aerospace Rates	4
	J-5B, University of Central Florida Rates	2
	J-5C, Sierra Lobo Rates	4
J-6	SCA Wage Determination	10
J-7	Pension Plan (to be incorporated after contract award)	TBD
J-8	ASRC USTDC Investment Profile	5
J-9	USTDC Contract Security Classification Specification	2
J-10	USTDC Contract Value, Award Fee, and Incentive Fee	30

efficient utilization of resources.

5.3 Laboratory Maintenance

The Contractor shall maintain, troubleshoot, and repair all installation-provided equipment. This includes the custodial care and property management of assigned laboratory equipment, housekeeping, maintaining chemical and other inventories, tracking and scheduling routine maintenance, preparation and/or update of existing Periodic Maintenance Instructions (PMIs), ensuring equipment is in calibration and operational status, and recommending replacement or upgrade of assigned equipment, as required.

The Contractor shall be responsible for development, documentation, and in-service inspection and certification of specific laboratory and facility systems as assigned by Task Order.

The Contractor shall ensure the timely calibration of non-installation provided property assigned by Task Order. This will involve the pick-up, delivery and tracking of all equipment requiring calibration.

The Contractor may use the government furnished Work Control System (WCS), a custom, web-accessible database. KSC's base operations contractor performs the actual calibration of equipment, but the Contractor shall perform or procure calibration of equipment where the base operations contractor lacks adequate capabilities.

The Contractor shall develop and maintain documentation of laboratory policies, training materials, safety materials, equipment performance and usage, in accordance with NPD 1440.6F, NASA Records Management.

The Contractor shall identify, acquire, and manage the necessary laboratory supplies, equipment, and consumables necessary to sustain the general capability intended for the facilities and laboratories, as well as specific items necessary for experimental or test activities within the labs.

6.0 TECHNICAL SERVICES

The Contractor shall provide the following types of services, as defined by individual Task Orders:

6.1 Technical Writing, Multimedia, Illustrating, Engineering Drafting, and Computer Aided Design

The Contractor shall provide turnkey support integrating technical writing/editing and technical illustration in the production of various engineering and technology documents, reports, operation and maintenance manuals, strategic plans and presentations related to contract activities. Multimedia development and support includes graphics and presentation design, minor photographic and video support, and web site design and development.

The Contractor shall prepare or assist in preparing engineering drawings, block diagrams, schematics, printed circuit layouts, parts lists, layouts, and other associated

Performance Work Statement
Appendix C
Facilities, Laboratories, and Testbeds List

Launch Equipment Test Facility (LETF) M7-505

- GSE Development Laboratory (LETF M7-505 HB)
- Data Acquisition Systems Laboratory (LETF M7-505 Rms101, 1313, 1307)
- LETFFabrication/Welding Shops (LETF M7-505, 557)
- 600-Ton Test Fixture (LETF Yard M7-505A)
- Holddown Post Test Fixture (LETF Yard M7-505A)
- Random Motion Simulators (2) (LETF Yard M7-505A)
- Lift-Off Simulator (LETF Yard M7-505A)
- Water Flow Test Loop (LETF M7-505A)
- LETF Test Control Room (LETF M7-505)
- Corrosion Facility (LETF M7-505)
- Cryogenics Testbed Facility (GSE Storage Building M7-557)
- Launch Systems Testbed Laboratory (GSE Storage Building M7-557)

Operations and Checkout Building (O&C) M7-355

- Optical Instrumentation Laboratory (O&C M7-355 Rms 2291, 2289, 2287)
- Chemical Instrumentation and Processes Wet Laboratory/Toxic Vapor Detection Laboratory/Contamination Monitoring Laboratory (O&C M7-355 Rms 2214, 2219) ESD Testbed (O&C M7-355 Rms 2275)
- Beach Corrosion Test Site (Bld. K8-237)
- Corrosion Testbed (O&C M7-355 Rm 2211, 2223, Beachsite)
- Applied Physics Laboratory (O&C Rm 4279, 4281)

Engineering Development Laboratory (EDL) M7-409

- Fiber Optics Laboratory (EDL M7-409 Rm 198)
- Data Networking Laboratory (EDL M7-409 Rm 198)
- Advanced communications systems lab (EDL M7-409 Rms 123&140-144)
- Advanced Network Development Laboratory (EDL M7-409 Rm 124)
- Range Technologies Laboratory (EDL M7-409 Rm 101, 103)
- Data Acquisition Systems Laboratory (EDL M7-409 Rms 160A-C)
- Transducers Development Laboratory (EDL M7-409 Rms 111,119,121,128)
- Hazardous Gas Detection Laboratory (EDL M7-409 Rms 115,117)
- Contamination Monitoring Laboratory (EDL M7-409 Rm 170C)

Headquarters (HQ) M6-399

- Computer Systems and Network Support Laboratory (HQ M6-399 Rm 3310)
- Digital Media Laboratory (HQ M6-399 Rm 3302A)
- Information Systems Laboratory (HQ M6-399 Rm 1501)
- Information Systems Development Lab (HQ M6-399 Rm 1529)

TASK ORDER PRICING RATE SCHEDULE

Attachment J-5A	ASRC Aerospace Rates
Attachment J-5B	University of Central Florida
Attachment J-5C	Sierra Lobo Rates

Attachment J-5B
Contract Modification No. 24

UNIVERSITY AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Subcontractor: UNIVERSITY of CENTRAL FLORIDA

☐ BASIC
☐ OPTIONS

☒ On-Site UCF
☐ On-Site KSC

FULLY BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 2004		GFY 2005		GFY 2006		GFY 2007		GFY 2008	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
PROFESSOR	[redacted]									
ASSOCIATE PROFESSOR										
ASSISTANT PROFESSOR										
POST-DOCTORAL ASSOCIATE										
GRADUATE RESEARCH ASSISTANT										
UNDERGRADUATE ASSISTANT										

Note: Average labor rates shown are for general estimating only. UCF invoices labor at actual hourly rates paid to faculty and staff charged to research projects plus applicable fringe benefits and indirect costs. Actual labor costs may be more or less than those shown here.

Attachment J-5B
Contract Modification No. 24

UNIVERSITY AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Subcontractor: UNIVERSITY of CENTRAL FLORIDA

☐ BASIC
☐ OPTIONS

☐ On-Site UCF
☒ On-Site KSC

FULLY BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 2004		GFY 2005		GFY 2006		GFY 2007		GFY 2008	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
PROFESSOR	[redacted]									
ASSOCIATE PROFESSOR										
ASSISTANT PROFESSOR										
POST-DOCTORAL ASSOCIATE										
GRADUATE RESEARCH ASSISTANT										
UNDERGRADUATE ASSISTANT										

Note: Average labor rates shown are for general estimating only. UCF invoices labor at actual hourly rates paid to faculty and staff charged to research projects plus applicable fringe benefits and indirect costs. Actual labor costs may be more or less than those shown here.

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
23	See Block 16C.	4200074833	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $ 641,201

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.
X	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) and Contract clause B.2 Contract Value, Award Fee, and Incentive Fee
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	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.)*

1. The purpose of this modification is to 1) update contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of work authorized on the contract; and 2) add incremental funding to the contract.

(See continuation 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	7-20-04

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

2. This contract modification incorporates the following changes to the contract:

   a. Section B, SUPPLIES OR SERVICES AND PRICE/COST, is amended to update clause B.2, Contract Value, Award Fee, and Incentive Fee to reflect the current estimated cost and fees for the work authorized by the task orders identified in contract attachment J-10, the contents of which are hereby incorporated by reference. In addition, this modification adds funding to the contract in the amount of $641,201 for a total contract obligation amount of $36,600,831.28. The funding is considered to be adequate for contract performance through October 8, 2004.
   b. Section J, LIST OF ATTACHMENTS, Attachment J-10, Contract Value, Award Fee, and Incentive Fee, is being updated to reflect the current estimated cost and fees for work authorized by task orders issued under the contract, the contents of which are hereby incorporated by reference.
   c. All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J; Attachment J-10

Replace pages 1-30 with the attached revised pages 1-36.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$40,829,702
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2
Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3

Incentive Fee

Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			$5,206
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1						
2				$4,334,267	4/30/2003	$4,334,267
4				$2,208,012	5/30/2003	$2,208,012
5				$1,629,276	7/11/2003	-
6				$1,246,169	8/04/2003	-
7				$ 1,813,245	9/03/2003	$8,339,265
8				$3,302,408	10/17/2003	
9				$2,203,787	11/21/2003	$2,097,273
10				$130,141	11/21/2003	
11				$2,141,294	01/02/2004	$11,453,640
12				$1,583,310	02/06/2004	
13						($51,803)
14				$3,073,269	04/05/2004	
15						$4,835,575
16				$1,375,467	04/23/2004	
17				$1,801,848	05/27/2004	
18				$1,721,746	06/18/2004	
19						$ 3,048,651
20				$1,231,987	07/08/2004	
21				$76,995	07/09/2004	
22				$1,373,128.28	08/06/2004	
23				$4,713,281	09/30/2004	
				$641,201	10/08/2004	$4,564,822
Total Amount	(b)(4)			$36,600,831.28	10/08/2004	$40,829,702

NAS1003006

University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
			Summary					
00001	Rev B	60 Day Transition Task Order						$0
00002	CY2 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$786,799
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY2 Basic	Applied Physics Infrastructure Support						$39,010
00005	CY2 Rev A	Corrosion Test-bed						$342,669
00006	CY2 Rev A	Chemical Instrumentation and Process Lab Infrastructure						$585,192
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$53,375
00012	Rev B	Ionic Liquids						$27,999
00013	CY2 Rev A	Corrosion Detection, Prediction and Prevention						$226,801
00014	CY 2 Rev B	OTV Modernization						$396,690
00015	CY 2 Basic	Communications Engineering Infrastructure						$348,643
00016	CY2 Basic	Network Architecture & Routing Protocols						$272,838
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY2 Rev A	Asynchronous Transfer Mode (ATM) Development Project						$562,978
00019	CY2 Basic	Fiber Optics Lab Projects						$1,247,630
00020	CY2 Rev B	Network Systems & Security (NSS)						$1,077,744
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$124,485
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 2 Basic	Electrostatics and Materials Physics Testbed						$60,738
00028	CY2 Rev B	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY2 Basic	Development of KSC Infrastructure Documentation						$100,260
00031	CY2 Rev B	Miscellaneous Operations Support						$321,772
00032	CY 2 Rev A	Proof-of-Concept Support						$398,320
00033	CY 2 Rev A	LETF & Instrumentation O&M						$2,138,529
00034	CY2 Rev C	Advanced Technology Development Center (ATDC)- Phase 1						$1,306,380
00035	CY2 Rev B	LOX Pump Qualification Testing						$274,432

SEE CUMMULATIVE CHART: MOD 59

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
22	See Block 16C.	4200070205	

5. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

6. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

( ) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net increase in obligation amount of $ 4,713,281.00

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.

(X) 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 ☒ 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.)

1. This modification adds incremental funding to the contract in the amount of $ 4, 713,281.00 for a total contract obligation amount of $ 35,959,630.28. The funding is considered to be adequate for contract performance through September 30, 2004. All other terms and conditions remain unchanged.

2. The following page change shall be made to the contract to incorporate the above:

Section B - Replace page 13 with the attached revised page 13.

Except at 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) John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 6-21-04

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
21				$1,373,128.28	08/06/2004	
22				$4,713,281	09/30/2004	
Total Amount				35,959,630.28	09/30/2004	$36,264,880

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
21	See Block 16C.	4200065997	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Net increase in obligation amount of $1,373,128.28

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $1,373,128.28 for a total contract obligation amount of $31,246,349.28. This action obligates $1,425,407 from PR 4200065997 and de-obligates $52,278.72 of existing contract funding, resulting in the net increase of $1,373,128.28. The funding is considered to be adequate for contract performance through August 6, 2004. All other terms and conditions remain unchanged.

2. The following page change shall be made to the contract to incorporate the above:

   Section B - Replace page 13 with the attached revised page 13.

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 5/21/04
(Signature of person authorized to sign)			

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)					
2				$4,334,267	4/30/2003	$4,334,267
4				$2,208,012	5/30/2003	$2,208,012
5				$1,629,276	7/11/2003	-
6				$1,246,169	8/04/2003	-
7				$ 1,813,245	9/03/2003	$8,339,265
8				$3,302,408	10/17/2003	
9				$2,203,787	11/21/2003	$2,097,273
10				$130,141	11/21/2003	
11				$2,141,294	01/02/2004	$11,453,640
12				$1,583,310	02/06/2004	
13						($51,803)
14				$3,073,269	04/05/2004	
15						$4,835,575
16				$1,375,467	04/23/2004	
17				$1,801,848	05/27/2004	
18				$1,721,746	06/18/2004	
19						$ 3,048,651
20				$1,231,987	07/08/2004	
21				$76,995	07/09/2004	
				$1,373,128.28	08/06/2004	
Total Amount	$			31,246,349.28	08/06/2004	$36,264,880

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
20	See Block 16C.	4200062617	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(C)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $76,995

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

(C)	
	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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $76,995 for a total contract obligation amount of $29,873,221. The funding is considered to be adequate for contract performance through July 9, 2004. All other terms and conditions remain unchanged.
2. The following page change shall be made to the contract to incorporate the above:

Section B - Replace page 13 with the attached revised page 13.

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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	4-27-04

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
Computer Generated

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
20				$76,995	07/09/2004	
Total Amount	$			$29,873,221	07/09/2004	$36,264,880

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
19	See Block 16C.	4200061843	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $1,231,987

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.
X	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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $1,231,987 for a total contract obligation amount of $29,796,226. The funding is considered to be adequate for contract performance through July 8, 2004. All other terms and conditions remain unchanged.
2. The following page change shall be made to the contract to incorporate the above modification:

Section B - Replace page 13 with the attached revised page 13.

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)* John M. Vondenhuevel	
15B CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 4-22-04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
18						$ 3,048,651
19				$1,231,987	07/08/2004	
Total Amount	$			29,796,226	07/08/2004	$36,264,880

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
18	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
X NAS10-03006

10B. DATED (SEE ITEM 13)
02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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: Contract clause B.2 Contract Value, Award Fee. and Incentive Fee; contract clause H.5 Key Personnel and Facilities (NFS 1852.235-71)(MAR 1989); and Mutual Agreement of the Parties
	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.)

1. The purpose of this modification is to 1) update contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of work authorized on the contract; 2) update the Key Personnel clause of the contract; and 3) incorporate changes to contract clause H.18 Work for Others.

(See Continuation Page)

Except at 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)
DENNIS R WEAVER DIRECTOR BUSINESS OPERATIONS	John M. Vondenhuevel
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY (Signature of Contracting Officer)
15C. DATE SIGNED 4/13/04	16C. DATE SIGNED 4-15-2004

2. This contract modification incorporates the following changes to the contract:

   a. Section B, SUPPLIES OR SERVICES AND PRICE/COST, is amended to update clause B.2, Contract Value, Award Fee, and Incentive Fee to reflect the current estimated cost and fees for the work authorized by the task orders identified in contract attachment J-10, the contents of which are hereby incorporated by reference.
   b. Section H, SPECIAL CONTRACTS REQUIRMENTS, is amended to update clause H.5 Key Personnel and Facilities to reflect a change in key personnel and to incorporate changes in clause H.18 Work for Others to align the requirements of the clause with current WFO reimbursement policies and procedures.
   c. Section J, LIST OF ATTACHMENTS, Attachment J-10, Contract Value, Award Fee, and Incentive Fee, is being updated to reflect the current estimated cost and fees for work authorized by task orders issued under the contract, the contents of which are hereby incorporated by reference.
   d. All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.

Section H

Replace page 36 with the attached revised page 36.
Replace page 43 with the attached revised page 43.
Replace page 44 with the attached revised page 44.
Replace page 62 with the attached revised page 62.

Section J: Attachment J-10

Replace pages 1-30 with the attached revised pages 1-30.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			
Option 1				$36,264,880
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2
Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period	[redacted]	[redacted]	[redacted]		
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3

Incentive Fee

Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period 03/01/03 to 9/30/07			
Option 1 10/01/07 - 9/30/08			$4,881
Option 2 10/01/08 - 9/30/09			
Option 3 10/01/09 - 9/30/10			
Option 4 10/01/10 - 9/30/11			
Option 5 10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

Richard Kniseley, Program Manager
John Horan, Deputy Program Manager
Dr. Pedro Medelius, USTDC Chief Technologist
Scott Study, Director, Technology Outreach
Jarl Gustafson, Director, SH&MA

H.6 PENSION PORTABILITY (NASA 1852.237-71)(JAN 1997)

(a) In order for pension costs attributable to employees assigned to this contract to be allowable costs under this contract, the plans covering such employees must:

(1) Comply with all applicable Government laws and regulations;

(2) Be a defined contribution plan, or a multiparty defined benefit plan operated under a collective bargaining agreement. In either case, the plan must be portable, i.e., the plan follows the employee, not the employer;

(3) Provide for 100 percent employee vesting at the earlier of one year of continuous employee service or contract termination; and

(4) Not be modified, terminated, or a new plan adopted without the prior written approval of the cognizant NASA Contracting Officer.

(b) The Contractor shall include paragraph (a) of this clause in subcontracts for continuing services under a service contract if:

(1) The prime contract requires pension portability;

(2) The subcontracted labor dollars (excluding any burdens or profit/fee) exceed $2,500,000 and ten percent of the total prime contract labor dollars (excluding any burdens or profit/fee); and

(3) Either of the following conditions exists:

performing services, or for any administrative or general plant purpose), special tooling and special test equipment. Facilities do not include materials.

Government Material -- Property that may be incorporated into or attached to an end item or consumed or expended during manufacture, testing or providing services.

B. AGREEMENTS & APPROVALS

The Contractor shall obtain approval of the Contracting Officer for Work for Others (WFO) before committing to perform the work. The Contractor shall informally partner with the Government to identify and discuss potential WFO as far in advance of seeking formal approval as is practical. The Contractor shall obtain formal approval for each instance of WFO by submitting a written request to the Contracting Officer which, at a minimum, shall contain the following information, terms, and conditions:

1. Name and address of the customer.
2. Description of the work to be performed and estimated contract value.
3. Identification of the KSC resources/facilities and Government personnel required for accomplishing the work (including the estimated number of labor hours and estimated cost of support needed).
4. An explanation of the unique nature of the Government-owned facilities and/or USTDC/Government expertise (or combinations thereof) that is not available from commercial sources and justify acceptance of the work.
5. Schedule for accomplishment of the work and impact, if any, on other ongoing activities.
6. Certification that the following terms and conditions are flowed down, when applicable, to the proposed WFO agreement:

   H.18 "Work for Others," subparagraphs (D) Priority of Use, (E) Liability and Risk of Loss, (F) Intellectual Property, Patent & Invention Rights, (G) News Releases & Publications, (H) Security & Export Control, (I) Safety & Health, (J) Independence of Contracts; and other clauses as may be required by the Contracting Officer.

7. A copy of the WFO draft agreement, if available. If the draft agreement is not available prior to submittal of the request, the Contractor will provide a copy of the agreement to the Government before commencement of work.

C. FINANCIAL OBLIGATIONS

1. General

   a. The Contractor shall provide consideration to NASA KSC in connection with Government-provided property and services utilized for Work for Others under the authority of this provision. Pursuant to the direction of the Contracting Officer, consideration may be in the form of cash payment from the Contractor to NASA KSC or a credit to the Government under the USTDC contract.

b. The specific cost components, reimbursement procedures, methodologies, and points of contact and authorities will be established annually in a written procedure.

Generally, reimbursable and creditable costs will include, but may not be limited to the following categories:

- Rent or other appropriate consideration for use of Government property in accordance with FAR 45.403 and FAR 45.404(c).

- Actual cost of Government personnel directly supporting a project (including payroll additives, fringe benefits and G&A).

- Actual cost of Government-provided material, utilities, support services and appropriate overheads.

2. Reimbursement of Government Direct Labor and Other NASA Costs

a. The Contractor will be required to forward advance payments to NASA for all estimated NASA reimbursable costs prior to commencement of work associated with an approved WFO project. For multi-year WFO projects, the Contractor may propose an alternate payment schedule subject to the approval of the Government.

b. Payment shall be made in the form of a check payable to "NASA Kennedy Space Center" and sent to:

National Aeronautics and Space Administration
John F. Kennedy Space Center
"Collections Agent"
Mail Code: GG-B-C
Kennedy Space Center, FL 32899

c. NASA KSC's activities under or pursuant to this provision are subject to the availability of appropriated funds, and no provision herein shall be interpreted to require obligations or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341.

D. PRIORITY OF USE

It will be the Contractor's overall responsibility to schedule and manage use of assigned Government-furnished facilities to accommodate contract work and Work for Others in a manner to assure the timely, within cost, delivery of quality products and services for all. Since Work for Others projects are subject to Government approval and each request for approval will address scheduling issues, scheduling and priority of use conflicts should be rare. However, in the event circumstances should arise in which the Government requires use of facilities and/or personnel scheduled for use on Work for Others, the Contracting Officer will direct that the Government work shall take

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
J-3	USTDC Performance Surveillance and Award Fee Plan	14
J-4	Safety and Health Plan	27
J-5	Task Order Pricing Rate Schedule	
	J-5A, ASRC Aerospace Rates	4
	J-5B, Swales Aerospace Rates	2
	J-5C, Sierra Lobo Rates	4
	J-5D, University of Florida Rates	4
J-6	SCA Wage Determination	10
J-7	Pension Plan (to be incorporated after contract award)	TBD
J-8	ASRC USTDC Investment Profile	5
J-9	USTDC Contract Security Classification Specification	2
J-10	USTDC Contract Value, Award Fee, and Incentive Fee	30

NAS1003006

University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
			Summary					
00001	Rev B	60 Day Transition Task Order						$0
00002	CY2 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$786,799
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY2 Basic	Applied Physics Infrastructure Support						$39,010
00005	CY2 Basic	Corrosion Test-bed						$159,770
00006	CY2 Basic	Chemical Instrumentation and Process Lab Infrastructure						$264,293
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$53,375
00012	Rev B	Ionic Liquids						$27,999
00013	CY2 Rev A	Corrosion Detection, Prediction and Prevention						$226,801
00014	CY 2 Rev B	OTV Modernization						$396,690
00015	CY 2 Basic	Communications Engineering Infrastructure						$348,643
00016	CY2 Basic	Network Architecture & Routing Protocols						$272,838
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY2 Rev A	Asynchronous Transfer Mode (ATM) Development Project						$562,978
00019	CY2 Basic	Fiber Optics Lab Projects						$1,247,630
00020	CY2 Basic	Network Systems & Security (NSS)						$1,014,800
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$124,485
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 2 Basic	Electrostatics and Materials Physics Testbed						$60,738
00028	CY2 Rev A	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY2 Basic	Development of KSC Infrastructure Documentation						$100,260
00031	CY2 Rev A	Miscellaneous Operations Support						$321,772
00032	CY 2 Basic	Proof-of-Concept Support						$234,131
00033	CY 2 Rev A	LETF & Instrumentation O&M						$2,138,529
00034	CY2 Rev C	Advanced Technology Development Center (ATDC)- Phase 1						$1,306,380
00035	CY2 Rev B	LOX Pump Qualification Testing						$274,432

SEE CUMULATIVE CHART: MOD 59

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
17	See Block 16C.	4200056772 & 4200057308	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in obligation amount of $1,721,746

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.
X	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 ☒ 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.)

1. This modification adds incremental funding to the contract in the amount of $1,721,746 for a total contract obligation amount of $28,564,239. The funding is considered to be adequate for contract performance through June 18, 2004. All other terms and conditions remain unchanged.
2. The following page change shall be made to the contract to incorporate the above modification:

Section B - Replace page 13 with the attached revised page 13.

Except at 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) John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 3-23-04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
17				$1,721,746	06/18/2004	
Total Amount				$28,564,239	06/18/2004	$33,216,229

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
16	See Block 16C.	4200051162	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $1,801,848

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.

X 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 ☒ 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.)*

1. This modification adds incremental funding to the contract in the amount of $1,801,848 for a total contract obligation amount of $26,842,493. The funding is considered to be adequate for contract performance through May 27, 2004. All other terms and conditions remain unchanged.
2. The following page change shall be made to the contract to incorporate the above modification: Section B - Replace page 13 with the attached revised page 13.

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 2-18-04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
16				$1,801,848	05/27/2004	
Total Amount				$26,842,493	05/27/2004	$33,216,229

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
NAS10-03006	1	1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
15	See Block 16C.	4200047732 and 4200047706	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in obligation amount of $1,375,467

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.
X	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). FAR 52.232-22 Limitation of Funds
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	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.)

1. This modification adds incremental funding to the contract in the amount of $1,375,467 for a total contract obligation amount of $25,040,645. The funding is considered to be adequate for contract performance through April 23, 2004. All other terms and conditions remain unchanged.
2. The following page change shall be made to the contract to incorporate the above modification: Section B - Replace page 13 with the attached revised page 13.

Except at 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) John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 1-23-04

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
15				$1,375,467	04/23/2004	
Total Amount				25,040,645	04/23/2004	$33,216,229

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
14	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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).

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

(X) D. OTHER Specify type of modification and authority)
Contract clause B.2 Contract Value, Award Fee, and Incentive Fee

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.)*

1. The purpose of this modification is update contract clause B.2 Contract Value, Award Fee, and Incentive Fee and contract attachment J-10 to reflect the most current value of work authorized on the contract.

(See Continuation Page)

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY John M. Vondenhuevel *(Signature of Contracting Officer)*	16C. DATE SIGNED 1-07-04

2. This contract modification incorporates the following changes to the contract:

   a. Section B, SUPPLIES OR SERVICES AND PRICE/COST, is amended to update clause B.2, Contract Value, Award Fee, and Incentive Fee to reflect the current estimated cost and fees for the work authorized by the task orders identified in contract attachment J-10, the contents of which are hereby incorporated by reference.
   b. Section J, LIST OF ATTACHMENTS, Attachment J-10, Contract Value, Award Fee, and Incentive Fee, is being updated to reflect the current estimated cost and fees for work authorized by task orders issued under the contract, the contents of which are hereby incorporated by reference. In addition, CY1 values are being adjusted to reflect actual costs incurred in CY1, as reported in the September 2003 NF533M Revision 2 submittal, and loss of unearned award fee for CY1.
   c. All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page13.

Section J; Attachment J-10

Replace pages 1-20 with the attached revised pages 1-30.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$33,216,229
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04				92	Excellent
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3

Incentive Fee

Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07	[redacted]	[redacted]	$2,438
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
14						$4,835,575
Total Amount	$			$23,665,178	04/05/2004	$33,216,229

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Summary: Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	CY2 Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$786,799
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	CY2 Basic	Applied Physics Infrastructure Support						$39,010
00005	CY2 Basic	Corrosion Test-bed						$159,770
00006	CY2 Basic	Chemical Instrumentation and Process Lab Infrastructure						$264,293
00007	Rev B*	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	CY2 Basic	Army Corrosion Retardant Additive Testing						$53,375
00012	Rev B	Ionic Liquids						$27,999
00013	CY2 Basic	Corrosion Detection, Prediction and Prevention						$116,801
00014	CY 2 Rev B	OTV Modernization						$396,690
00015	CY 2 Basic	Communications Engineering Infrastructure						$348,643
00016	CY2 Basic	Network Architecture & Routing Protocols						$272,838
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	CY2 Rev A	Asynchronous Transfer Mode (ATM) Development Project						$562,978
00019	CY2 Basic	Fiber Optics Lab Projects						$1,247,630
00020	CY2 Basic	Network Systems & Security (NSS)						$1,014,800
00021	CY2 Rev A	Network Service Level Assessment (NSLA)						$124,485
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	CY 2 Basic	Electrostatics and Materials Physics Testbed						$60,738
00028	CY2 Rev A	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	CY2 Basic	Development of KSC Infrastructure Documentation						$100,260
00031	CY2 Basic	Miscellaneous Operations Support						$321,772
00032	CY 2 Basic	Proof-of-Concept Support						$234,131
00033	CY 2 Rev A	LETF & Instrumentation O&M						$2,118,529
00034	CY2 Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$1,306,380
00035	CY2 Basic	LOX Pump Qualification Testing						$146,432

SEE CUMMULATIVE CHART: MOD 59

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
13	See Block 16C.	4200043214 and 4200043215	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in obligation amount of $3,073,269

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 52.232-22 Limitation of Funds and Mutual Agreement of the Parties
	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.)*

1. The purpose of this modification is to add incremental funding and to incorporate miscellaneous changes to the contract as identified in paragraph 2.

(See Continuation Page)

Except at 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)*
JOHN L. HORAN, JR / DEPUTY PROGRAM MGR	John M. Vondenhuevel

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	12-18-03	BY *(Signature of Contracting Officer)*	12-18-03

2. This contract modification incorporates the following changes to the contract:

   a. Section J - LIST OF ATTACHMENTS; Attachment J-1, Appendix A, Data Requirements List is amended to incorporate a revised DRD 005 Contractor Financial Management Report (NASA Form 533M) and a new DRD 016 entitled Technology Outreach Program Status Report.
   b. Section J – LIST OF ATTACHMENTS; Attachment J-5, Task Order Pricing Rate Schedule is amended to update Sierra Lobo's J-5C rate schedule. The update adds a new labor classification for Engineer V.
   c. Section J – LIST OF ATTACHMENTS; Attachment J-8, ASRC Team Investment Profile is updated to reflect ASRC Aerospace's assumption of the commitments made by former USTDC Team Member Swales Aerospace. In addition, the commitment made by the University of Florida (U of F) is being deleted as U of F is no longer the lead university-affiliate on the USTDC.
   d. This modification adds funding to the contract in the amount of $3,073,269 for a total contract obligation amount of $23,665,178. The funding is considered to be adequate for contract performance through April 5, 2003.

All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 13 with the attached revised page 13.

Section J; Attachment J-1, Appendix A

Replace page 3 with the attached revised page 3.
Replace pages 9 through 12 with the attached revised pages 9 through 12.
Replace page 24 with the attached revised page 24.

Section J; Attachment J-5C

Replace pages 1 through 4 with the attached revised pages 1 through 4.

Section J; Attachment J-8

Replace pages 1 through 5 with the attached revised pages 1 through 4.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
13				$3,073,269	04/05/2004	
Total Amount				$23,665,178	04/05/2004	$28,380,654

DATA REQUIREMENTS LIST

DRL NUMBER:	REVISION
PROJECT/SYSTEM: University-affiliated Spaceport Technology Development Contract	
CONTRACT NUMBER	PREPARATION DATE: 6/21/02
CONTRACTOR	TECHNICAL APPROVAL
ATTACHMENT NUMBER	EXHIBIT NUMBER

ITEM NO.	TITLE	CHANGE STATUS
1	Emergency Preparedness Plan	
2	Internal Surveillance Plan	
3	Internal Surveillance Report	
4	Task Order Plan	
5	Contractor Financial Management Report (NASA Form 533 Series)	Revised - Modification 13
6	Management Plan	
7	Safety and Health Plan	
8	Information Technology (IT) Security Plan	
9	Security Plan	
10	Risk Management Plan	
11	Technology Outreach Plan	
12	Quality Management System Plan	
13	Motor Vehicle Utilization Plan	
14	Technology Transfer Plan	
15	Export Control Plan	
16	Technology Outreach Program Status Report	
17	Equal Employment Opportunity Report	New- Modifcation 13
18	Technology Transfer Report	
19	Safety Statistics Report	
20	Pressure Vessel/System Certification Report	
21	Government-Industry Data Exchange Program (GIDEP) Alert System Report	
22	Headcount Report	
23	Advanced Notifcations of Workforce Reductions	New -Modification 6

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL USTDC Page 1 of 4

A. ITEM NO.	B. LINE ITEM TITLE:
005	Contractor Financial Management Report (NASA Form 533 M)

C. OPR.	D. TYPE	E. INSPECT/ ACCEPT	F. FREQ.	G. INITIAL SUB.	H. AS OF DATE
GG-C-A2	3	6	MO	See Block J	See Block J

J. REMARKS:
Initial submission of NASA Form 533 M shall be no later than 30 working days after incurring costs. Subsequent NF 533 M reports shall be furnished not later than 10 working days following the close of the Contractor's monthly accounting period.

K. DISTRIBUTION

YA-A (CTM) (1)
GG-B-B (1)
GG-C-A2 (1)
OP-OS (1)
DCAA (1)

TOTALS NO.	TYPE
5	A

DATA REQUIREMENT DESCRIPTION

1. TITLE
NASA Contractor Financial Management Report (NASA Form 533 M)

2. NUMBER

3. USE
To project costs and hours for a program/project in order to ensure that dollar and labor resources realistically support the schedule, evaluate contractor cost performance, plan and monitor resources for a program/project, and is the basis for recording cost in the NASA accounting system

4. DATE

5. ORGANIZATION
KSC/YA

7. INTERRELATIONSHIP

6. REFERENCES
NPD 9501.1G
NPG 9501.2D

8. PREPARATION INFORMATION

A. Prepare NASA Form 533 M per instructions referenced above (NPG 9501.2D). Refer to sample 533 reporting format for desired report periods and cost elements to be presented. In addition, the contractor will be required to report hours and costs for both actual and planned elements for the government fiscal year to date as well as provide an "all years" projection (which includes the estimate to complete, target value, and the total obligation amount). In preparing the NASA Form 533 M, the contractor will also provide the "Unfilled Orders" to be used to determine the estimated amount of outstanding or encumbered ODCs on the contract for the current fiscal year.

B. The NF 533 Q reporting has been waived by the NASA Contracting Officer, with concurrence by the Center Chief Financial Officer and cognizant Project Manager.

C. NF 533 M reporting must begin not later than 30 days after incurrence of cost. Subsequent NF 533 M reports shall be furnished not later than 10 working days following the close of the Contractor's monthly accounting period.

D. Adjustments to prior period's costs and/or workforce, recorded during the reporting period, will be included in the reporting month's (i.e., last closed accounting period) actual cost and cumulative cost columns of the applicable report. The adjustments shall be itemized/explained in the narrative part of the report.

(See Continuation Page)

Block 8. Preparation Information Continued.

E. The Contractor shall additionally provide data, exclusive of narrative remarks, on electronic medium. The Contractor and NASA will jointly pursue the use of available technologies and transmission capabilities to facilitate electronic reporting, which NASA will be phasing into a contractor 533 electronic submission into SAP, and will endeavor to provide electronic reporting earlier than the standard due dates. The Contractor shall utilize and maintain the existing NASA owned, Contractor Operated accounting system (Costpoint), and the 533 Generator and Accrual systems software that produces 533 reports. Compatibility must be maintained with the FoxPro Accrual program utilized by the NASA Resources Management Office (RMO).

F. The Contractor shall furnish to distribution (box K of DRD), with the initial NF 533 M, the Contractor's accounting calendar that lists the accounting periods, number of work days included in each period, and all holidays. All subsequent revisions shall be provided at the time of the change. At a minimum, an updated accounting calendar will be distributed to all at the beginning of each government fiscal year.

G. Data elements listed in this DRD will be reported under the following categories:

1. Total Contract Summary
2. Indirect Cost Summary
3. Task Order Summary by Appropriation, Numbers and Nomenclature
   a. Program Summaries
   b. Task Order Detail Summaries
   c. Closed Task Order List
   d. Summary of Closed Task Orders
4. Task Order Numbers and Titles

H. Contractors are required to indicate full incurred costs on the NF 533 Report. They should also show the amount of discounts offered to and taken by NASA. At the end of each fiscal year, upon submittal of final indirect cost rates, provisional billing rates shall be changed to the proposed final rates. The Contractor shall include all adjustments in the current month actual costs and cumulative cost columns (consistent with paragraph D. above in box 8) on the NF 533 M, itemizing adjustments in an addendum to the NF 533 M.

I. Cost figures will be reported to the nearest whole dollar, and equivalent headcount will be reported to the nearest tenth. Hours will be reported to the nearest whole hour.

J. Subcontractors will provide 533 reports to the prime Contractor in the same format as required by this DRD for the applicable data elements and categories. The prime Contractor shall ensure that subcontract data are available in sufficient time for inclusion in the prime Contractors' NF 533 report for the same reporting period. The prime Contract may call for copies of subcontractor reports to be submitted to NASA.

K. Indirect costs (such as Non-Task Order related ODC) shall be allocated to the applicable Task Orders based on acceptable accounting practices and statistical techniques. A complete breakdown of all elements of indirect cost and allocation methods will be required. Specific percentages and distributions must be approved by NASA prior to implementation.

L. Each NF 533 M shall contain a next month estimate for all anticipated hours and costs. The next month's estimate for hours and cost, as well as the estimate to complete, should be a "true" forecast which should take under consideration all potential changes, schedule slips, or delivery slips. The contractor shall ensure that the September year end 533 provides an estimate through September 30 of the same year. This will be needed to close out the fiscal year of performance.

M. The Contractor shall provide with the NF 533 M, a variance analysis by amount and percent for each element of cost, of the difference between the estimate for the month (made in the previous month) and the actual for the month being reported in the current NF 533 M. This variance analysis will be required for the Contract Summary, as well as for each Appropriation Summary. In addition, the Contractor shall provide a narrative summary of each data element and explain the reason(s) for the variance. For any indirect rates (such as overhead, G&A, etc.) charged to the contract, the Contractor is to identify in the narrative to the NF 533 M the provisional billing rates and cumulative actual rates for the contract.

Block 8. Preparation Information Continued:

N. Data elements to be reported should include the following:

CONTRACTOR FINANCIAL MANAGEMENT REPORTS - NASA FORM 533 M

DATA ELEMENTS

DIRECT LABOR HOURS
- Straight Time Productive Hours
- Overtime Productive Hours
  - Subtotal Direct Productive Hours
- Subcontractor Hours
- TOTAL HOURS

DIRECT LABOR COST
- Straight Time Productive Cost
- Overtime Productive Cost
- TOTAL DIRECT LABOR COST

INDIRECT/OVERHEAD COST

SUBCONTRACTOR LABOR COST

CONSULTANTS

OTHER DIRECT COSTS (Sub grouped by Task Order and Non-Task Order Related):
- Material/Equipment
- Maintenance
- Motor Vehicle Expense
- Training
- Travel
- Relocation
- Recruitment
- Supplies
- Other ODC (detail elements in NF 533 M narrative)

TOTAL OTHER DIRECT COST

TOTAL COST BEFORE G&A

GENERAL AND ADMINISTRATIVE (G&A)

TOTAL COST w/G&A

DISCOUNT TAKEN

TOTAL COST w/DISCOUNT

WORK FOR OTHERS (WFO) CREDIT

TOTAL w/WFO CREDIT

PROVISIONAL AWARD FEE

EARNED AWARD FEE

POTENTIAL AWARD FEE

EARNED INCENTIVE FEE

POTENTIAL INCENTIVE FEE

TOTAL FEE

TOTAL CONTRACT COST w/FEE

MANAGEMENT INFORMATION ITEMS
- Prompt Payment Discounts
- Work For Others (WFO) Credit
- Unfilled Orders
- Termination Liability
- Equivalent Direct Headcount
- Equivalent Indirect Headcount
- Equivalent Population
- Equivalent Overtime Headcount
- Overtime Rate Percent
- Equivalent Subcontractor Headcount
- Contract Total Physical (Actual) Headcount

DRD005 – Contractor Financial Management Report CONTINUATION SHEET

O. SELECTED DATA ELEMENT DEFINITIONS Elements of cost are defined in general in NPG 9501.2D. This Center feels that additional explanations are necessary for the items listed below, in order to ensure clarity.

1. Straight Time Hours – Those hours, exclusive of non-productive hours, which are worked by direct labor personnel. No paid overtime hours are to be reported in this category.
2. Overtime Hours - Those premium hours incurred by direct labor personnel. Non-paid overtime hours are not to be reported in this category.
3. Equivalent Direct Headcount - The average number of personnel directly performing a specific task or contract (does not include indirect personnel), for a given length of time, and is usually expressed as a monthly average. It is further defined as:

$$\text{Direct Headcount} = \frac{\text{Straight Time Direct Hours}}{\text{(Number of Productive Hours)}}$$

4. Equivalent Indirect Headcount - The average number of indirect personnel. Population less direct headcount.
5. Equivalent Population - The average number of contractor personnel located at KSC during the month. The total of Direct and Indirect Headcount. It is further defined as:

$$\frac{\text{Straight Time Direct Hours + Indirect Hours}}{\text{(Number of Productive Hours)}}$$

6. Equivalent Overtime Headcount –

$$\text{Equivalent Overtime Headcount} = \frac{\text{Total Paid Overtime Hours Expended}}{\text{(Number of Productive Hours)}}$$

7. Overtime Rate Percent -

$$\text{Overtime Rate} = \frac{\text{Overtime Hours Expended}}{\text{Straight Time Hours}}$$

8. Target Value – Total estimated cost and fee negotiated for Task Orders issued under the contract.
9. Estimate to Complete (ETC) – Life-to-date actuals plus forecast of all years to completion.
10. Total Obligation Amount – Total amount of funding obligated on Contract. (Table B-4) (Summary Page)
11. Contract Value/Target – Value of all authorized task orders as reflected in the most recent Contract Modification(s). Table B1 (Summary Page)
12. Billings – Invoice amounts billed (year to date total cost w/G&A); total payments received plus discounts. (Summary Page)
13. Baseline Plan – For all years (current agreement of scope). (Summary and Detail Pages)
14. Funding Limit – Authorized total amount of funding obligation to contract (Detail Pages)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL USTDC Page 1 of 1

B. LINE ITEM TITLE:	A. ITEM NO.
Technology Outreach Program Status Report	016

C. OPR.	D. TYPE	E. INSPECT/ ACCEPT	F. FREQ.	G. INITIAL SUB.	H. AS OF DATE
YA-A	3	6	QU/AD	See Block J	See Block J

J. REMARKS:

The initial report shall be submitted on January 15, 2004. Thereafter, the report shall be submitted with 15 calendar days after the end of each quarter.

K. DISTRIBUTION

YA-A (CTM) (1)
OP-OS (1)
YA-E6 (1) (Jack Fox)

TOTALS NO.	TYPE
3	A

DATA REQUIREMENT DESCRIPTION

1. TITLE
Technology Outreach Program Status Report

2. NUMBER

3. USE
Insight into the activities, accomplishments, and costs incurred by the Contractor in support of the USTDC Technology Outreach Program.

4. DATE

5. ORGANIZATION
KSC/YA

7. INTERRELATIONSHIP

6. REFERENCES

8. PREPARATION INFORMATION

The Technology Outreach Program Status Report shall provide a brief summary of the Technology Outreach Program activities and accomplishments during the past quarter. The report shall also address any issues or concerns.

The report shall provide cost information that summarizes the types of costs being incurred, labor hours expended, prior year actual costs, current period actual costs, year to date actual cost, and contract to date actual costs incurred in support of the Technology Outreach Program. The report shall use the Government Fiscal Year (GFY) as the basis for reporting prior year and year-to-date costs.

Contractor format is acceptable.

KSC FORM 16-246 (REV. 1/82)

Direct Labor Classification	GFY 2003		GFY 2004		GFY 2005		GFY 2006		GFY 2007	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Aide V										
Millwright										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Senior Principal Investigator										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Direct Labor Classification	GFY 2003		GFY 2004		GFY 2005		GFY 2006		GFY 2007	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Direct Labor Classification	GFY 2008		GFY 2009		GFY 2010		GFY 2011		GFY 2012	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager	[redacted]									
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
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Network Administrator										
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Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
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Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Aide V										
Millwright										
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Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Senior Principal Investigator										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Direct Labor Classification	GFY 2008		GFY 2009		GFY 2010		GFY 2011		GFY 2012	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

ASRC USTDC INVESTMENT PROFILE

PAGES 1 THRU 4
REDACTED IN THEIR ENTIRETY

SECTION J, ATTACHMENT B,
MOD. No. 13

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
NAS10-03006	1	2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
12	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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).

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

X D. OTHER Specify type of modification and authority)
Award Fee Payment, Section G contract clause G.2 Award Fee for Service Contracts (NFS 1852.216-76)

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.)*

1. This modification incorporates the performance rating, numerical score, and the earned award fee for the performance evaluation period of March 1, 2003 through September 30, 2003.

(See Continuation Page)

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 11-19-03

2. Pursuant to contract clause G.2, NFS 1852.216-76, AWARD FEE FOR SERVICE CONTRACTS (JUN 2000)(MODIFIED), this contract modification incorporates an adjective rating of Excellent, a performance rating of 92, and earned award fee of $595,742 for the period of March 1, 2003 through September 30, 2003. There were no provisional award fee payments made during this evaluation period, therefore the **NET AMOUNT DUE is $595,742**. Contract tables B-1, B-2, and B-4 are updated to reflect earned award fee and a reduction in contract value resulting from the loss of unearned award fee for this period.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 13 with the attached revised page 13.

4. All other contract terms and condition remain unchanged.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$28,380,654
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03				92	Excellent
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
12						($51,803)
Total Amount				$20,591,909	02/06/2004	$28,380,654

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
11	See Block 16C.	PR 4200038929	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

PR 4200038929 Increase in Obligation of $1,583,310

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.
X	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). FAR 52.232-22 Limitation of Funds
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	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.)*

1. The purpose of this modification is to add incremental funding.

(See Continuation Page)

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	11-19-03

2. This contract modification incorporates the following change to the contract:

   a. This modification adds funding to the contract in the amount of $1,583,310 for a total contract obligation amount of $20,591,909. The funding is considered to be adequate for contract performance through February 6, 2004.
   b. All other terms and conditions remain unchanged.

3. The following page change shall be made to the contract to incorporate the above modification:

Sections A through J

Replace page 13 with the attached revised page 13.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
11				$1,583,310	02/06/2004	
Total Amount	$			$20,591,909	02/06/2004	$28,432,457

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
10	See Block 16C.	PR 4200035745	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(☐) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in Obligation Amount of $2,141,294

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). FAR 52.232-22 Limitation of Funds

(X) C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties and FAR 52.232-22 Limitation of Funds

☐ 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.)*

1. The purpose of this modification is to add incremental funding and update contract clause B.2 Contract Value, Award Fee, and Incentive Fee.

(See Continuation Page)

Except at 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)*
DENNIS A WEAVER DIRECTOR BUSINESS OPERATIONS	John M. Vondenhuevel

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	10/29/03	BY *(Signature of Contracting Officer)*	10/29/03

Contract: NAS10-03006, Modification 10

INFORMATION CONTAINED IN THIS DOCUMENT SHALL NOT BE RELEASED OUTSIDE OF NASA WITHOUT PERMISSION OF THE CONTRACTING OFFICER.

This is an unofficial copy provided as part of the standard distribution for this document. Copies of modifications, if any, will be provided to the same standard distribution. Recipients are responsible for maintaining the currency of their copies by appropriately filing modifications as they are received. To determine if your copy is current with all modifications, contact the Contracting Officer, or call the KSC Procurement Office at 321-867-7345 and inquire as to which Contracting Office is administering this document. THE OFFICIAL GOVERNMENT COPY OF THIS CONTRACT REPOSES WITH THE CONTRACTING/GRANT OFFICER.

2. This contract modification incorporates the following changes to the contract:

   a. This modification adds funding to the contract in the amount of $2,141,294 for a total contract obligation amount of $19,008,599. The funding is considered to be adequate for contract performance through January 2, 2004.
   b. Section B, SUPPLIES OR SERVICES AND PRICE/COSTS, is amended to update clause B.2, Contract Value, Award Fee, and Incentive Fee to reflect the current estimated cost and fees for the work authorized by the task orders identified in contract attachment J-10, the contents of which are herein incorporated by reference.
   c. All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J, Attachment 10

Replace pages 1 through 16 with the attached revised pages 1 through 20.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value				
Contract Period	**Estimated Cost***	**Award Fee****	**Incentive Fee*****	**Contract Value**
Base Period				
03/01/03 to 9/30/07	(b)(4)			$28,432,457
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3			
Incentive Fee			
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	$2,097,273
9				$130,141	11/21/2003	
10				$2,141,294	01/02/2004	$11,453,640
Total Amount	$			$19,008,599	01/02/2004	$28,432,457

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
9	See Block 16C.	PR 4200034861	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Marvland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in Obligation Amount of $130,141

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.
X	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). FAR 52.232-22 Limitation of Funds
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

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.)

1. The purpose of this modification is to add incremental funding. This modification adds funding to the contract in the amount of $130,141 for a total contract obligation amount of $16,867,305. The funding is considered to be adequate for contract performance through November 21, 2003.

(See Continuation Page)

Except at 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) John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9-30-03

2. All other terms and conditions of the contract remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 13 with the attached revised page 13.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	
9				$130,141	11/21/2003	
Total Amount				$16,867,305	11/21/2003	$16,978,817

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
8	See Block 16C.	PR 4200033375	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt. Marvland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

Increase in Obligation Amount of $ 2,203,787

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 52.232-22 Limitation of Funds and Mutual Agreement of the Parties
	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 maer where feasible.)*

1. The purpose of this modification is to add incremental funding and update contract clause B.2 Contract Value, Award Fee, and Incentive Fee.

(See Continuation Page)

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY *(Signature of Contracting Officer)*	

2. This contract modification incorporates the following changes to the contract:

   a. This modification adds funding to the contract in the amount of $2,203,787 for a total contract obligation amount of $16,737,164. The funding is considered to be adequate for contract performance through November 21, 2003.
   b. Section B, SUPPLIES OR SERVICES AND PRICE/COSTS, is amended to update clause B.2, Contract Value, Award Fee, and Incentive Fee to reflect the current estimated cost and fees for the work authorized by the task orders identified in contract attachment J-10, the contents of which are herein incorporated by reference.
   c. All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.

Section J, Attachment 10

Replace pages 1 through 16 with the attached revised pages 1 through 16.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$16,978,817
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2					
Adjusted Target Cost & Award Fees					
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					
*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.					
**AAF equals the sum of the AAF for all task orders issued within each contract year.					

Table B-3			
Incentive Fee			
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
8				$2,203,787	11/21/2003	
Total Amount	$			$16,737,164	11/21/2003	$16,978,817

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
			Summary					
00001	Rev B	60 Day Transition Task Order						$0
00002	Rev A	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$288,006
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	Basic	Applied Physics Infrastructure Support						$18,843
00005	Basic	Corrosion Test-bed						$59,770
00006	Basic	Chemical Instrumentation and Process Lab Infrastructure						$86,593
00007	Basic	Hydrogen Peroxide Decomposition						$54,000
00008	Rev A	Galvanic Coatings for Protection of Concrete						$31,150
00009	Rev A	Army Corrosion Retardant Additive Testing						$40,248
00012	Rev B	Ionic Liquids						$27,999
00013	Basic	Corrosion Detection, Prediction and Prevention						$107,000
00014	Rev A	OTV Modernization						$339,683
00015	Basic	Communications Engineering Infrastructure						$158,740
00016	Rev A	Network Architecture & Routing Protocols						$123,413
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	Basic	Asynchronous Transfer Mode (ATM) Development Project						$339,055
00019	Basic	Fiber Optics Lab Projects						$762,638
00020	Basic	Network Systems & Security (NSS)						$373,240
00021	Basic	Network Service Level Assessment (NSLA)						$72,563
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	Basic	Electrostatics and Materials Physics Testbed						$25,800
00028	Basic	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	Basic	Development of KSC Infrastructure Documentation						$35,260
00031	Basic	Miscellaneous Operations Support						$115,052
00032	Rev A	Proof-of-Concept Support						$70,000
00033	Rev A	LETF & Instrumentation O&M						$815,530
00034	Rev B	Advanced Technology Development Center (ATDC)- Phase 1						$1,105,000
00035	Basic	LOX Pump Qualification Testing						$163,031
00036	Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$108,772

SEE CUMMULATIVE CHART : MOD 59

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
7	See Block 16C.	PR 4200006540	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in Obligation Amount of $ 3,302,408

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 52.232-22 Limitation of Funds and Mutual Agreement of the Parties
	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.)

1. The purpose of this modification is to add incremental funding and make other changes to the contract terms and conditions as discussed below.

(See Continuation 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)
DENNIS R WOENKE DIRECTOR BUSINESS OPERATIONS	John M. Vondenhuevel

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	8/22/03	BY (Signature of Contracting Officer)	

2. This contract modification incorporates the following changes to the contract:

   a. This modification adds funding to the contract in the amount of $3,302,408 for a total contract obligation amount of $14,533,377. The funding is considered to be adequate for contract performance through October 17, 2003.
   b. Section H, Special Contract Requirements, is amended to add clause NFS1852.223-76 FEDERAL AUTOMOTIVE STATISTICAL TOOL REPORTING (JUL 2003).
   c. Section J - LIST OF ATTACHMENTS is amended to add Attachment J-10 Contract Value, Award Fee, and Incentive Fee. Update of the table was inadvertently omitted in contract modification number 6 when the attachment was incorporated.

All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 13 with the attached revised page 13.
Replace page 33 with the attached revised page 33.
Replace page 62 with the attached revised page 62.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
7				$3,302,408	10/17/2003	
Total Amount				$14,533,377	10/17/2003	$14,881,544

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

I. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

CLAUSE NUMBER	DATE	TITLE
1852.204-74	MAY 2002	CENTRAL CONTRACTOR REGISTRATION
1852.223-70	APR 2002	SAFETY AND HEALTH
1852.223-74	MAR 1996	DRUG- AND ALCOHOL-FREE WORKFORCE
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.223-76	JUL 2003	FEDERAL AUTOMOTIVE STATISTICAL TOOL REPORTING
1852.225-70	FEB 2000	EXPORT LICENSES Insert in Paragraph (b): Kennedy Space Center and Cape Canaveral Air Force Station, FL
1852.228-72	SEP 1993	CROSS-WAIVER OF LIABILITY FOR SPACE SHUTTLE SERVICES
1852.228-76	DEC 1994	CROSS-WAIVER OF LIABILITY FOR SPACE STATION ACTIVITIES
1852.228-78	SEP 1993	CROSS-WAIVER OF LIABILITY FOR NASA EXPENDABLE LAUNCH VEHICLE (ELV) LAUNCHES
1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE II) (OCT 2000)
1852.246-70	MAR 1997	MISSION CRITICAL SPACE SYSTEMS PERSONNEL RELIABILITY PROGRAM

H.2 SPECIAL 8(a) CONTRACT CONDITIONS (FAR 52.219-11) (FEB 1990) (DEVIATION)

(a) This contract is issued as a direct award between the contracting activity and the 8(a) contractor pursuant to a Memorandum of Understanding between the Small Business Administration (SBA) and the National Aeronautics and Space Administration. Accordingly, the SBA is not a party to this contract. SBA does retain responsibility for 8(a) certification, 8(a) eligibility determinations and related issues, and providing counseling and assistance to the 8(a) contractor under the 8(a) program. The cognizant SBA district office is:

U.S. Small Business Administration
Alaska District Office
222 W. Eighth Avenue #67
Anchorage, AK 99513-7559

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
J-3	USTDC Performance Surveillance and Award Fee Plan	14
J-4	Safety and Health Plan	27
J-5	Task Order Pricing Rate Schedule	
	J-5A, ASRC Aerospace Rates	4
	J-5B, Swales Aerospace Rates	2
	J-5C, Sierra Lobo Rates	4
	J-5D, University of Florida Rates	4
J-6	SCA Wage Determination	10
J-7	Pension Plan(to be incorporated after contract award)	TBD
J-8	ASRC USTDC Investment Profile	5
J-9	USTDC Contract Security Classification Specification	2
J-10	USTDC Contract Value, Award Fee, and Incentive Fee	16

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

OMB Approval 2700-0042

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	1. CONTRACT ID CODE	PAGE OF PAGES
6	See Block 16C.	PR 4200006540	NAS10-03006	1 2

6. ISSUED BY	CODE	5. PROJECT NO. (If applicable)
NASA/John F. Kennedy Space Center Procurement Office Kennedy Space Center, Florida 32899	OP-OS	

7. ADMINISTERED BY (If other than Item 6) — CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt. Marvland 20770

CODE 1CZZ9 — FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in Obligation Amount of $ 1,813,245

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 52.232-22 Limitation of Funds and Mutual Agreement of the Parties
	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.)

1. The purpose of this modification is to add incremental funding and make other changes to the contract terms and conditions as discussed below.

(See Continuation Page)

Except at 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)
DENNIS R WERNER DIRECTOR BUSINESS MGMT.	John M. Vondenhuevel
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 7/21/03
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 7-23-03

2. This contract modification incorporates the following changes to the contract:

   a. This modification adds funding to the contract in the amount of $1,813,245 for a total contract obligation amount of $11,230,969. The funding is considered to be adequate for contract performance through September 3, 2003.
   b. Section B, SUPPLIES OR SERVICES AND PRICE/COSTS, is amended to update clause B.2, Contract Value, Award fee, and Incentive Fee to reflect the current estimated cost and fee for the work authorized by the task orders identified in contract attachment J-10, the contents of which are herein incorporated by reference.
   c. Section G, Contract Administration Data, is amended to add clause G.7 RENT-FREE USE OF GOVERNMENT FURNISHED PROPERTY (GFP).
   d. Section H, Special Contract Requirements, is amended to add clause H.22 NASA SYSTEM ADMINISTRATOR SECURITY CERTIFICATION PROGRAM.
   e. Section J, Attachment J-1, Appendix A, Data Requirements List, is amended to add DRD 023, Advanced Notifications of Workforce Reductions.
   f. Section J is amended to add contract attachment J-10, USTDC Contract Value, Award Fee, and Incentive Fee.

All other terms and conditions remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 2 with the attached revised page 2.
Replace page 3 with the attached revised page 3.
Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.
Replace page 32 with the attached revised page 32.
Replace page 52 with the attached revised page 52.

Section J, Attachment J-1, Appendix A

Replace page 3 with the attached revised page 3.
Replace page 32 with the attached revised page 32.

Section J, Attachment 10

Insert new pages 1 through 16.

Index of Clauses

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B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE
B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)
B.4 ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995)
B.5 OPTION TO EXTEND THE TERM OF THE CONTRACT
B.6 TASK ORDERING PRICING
B.7 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

SECTION C - DESCRIPTION/SPECIFICATION/WORK STATEMENT

C.1 SCOPE OF WORK (KSC 52.210-90) (FEB 1990)

SECTION D - PACKAGING AND MARKING

D.1 MARKING INSTRUCTIONS – CONTRACTOR ACQUIRED EQUIPMENT

SECTION E - INSPECTION AND ACCEPTANCE

E.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE
E.2 MATERIAL INSPECTION AND RECEIVING REPORT (NFS 1852.246-72) (JUN 1995)
E.3 SUBMISSION OF MATERIAL INSPECTION AND RECEIVING REPORTS

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F.2 DELIVERY INSTRUCTIONS (KSC 52.212-91) (FEB 1991)
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G.3 SUBMISSION OF VOUCHERS FOR PAYMENT (NFS 1852.216-87)(MAR 1998) (KSC FILL-
G.4 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (NFS 1852.227-72) (JULY 1997)
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H.3 LIMITATION OF FUTURE CONTRACTING (NASA 1852.209-71) (DEC1988)
H.4 MINIMUM INSURANCE COVERAGE (NASA 1852.228-75) (OCT 1988)
H.5 KEY PERSONNEL AND FACILITIES (NASA 1852.235-71) (MAR 1989)
H.6 PENSION PORTABILITY (NASA 1852.237-71)(JAN 1997)
H.7 SECURITY CONTROLS AT KSC (KSC 52.204-90) (NOV 2000)
H.8 MOTOR VEHICLE MANAGEMENT (KSC 52.208-90) (APR 2001)
H.9 EMERGENCY MEDICAL TREATMENT (KSC 52.223-105) (JUL 2000)
H.10 RADIATION PROTECTION (KSC 52.223-90) (OCT 1998)
H.11 OCCUPATIONAL HEALTH (KSC 52.223-93) (NOV 2000)
H.12 HAZARD COMMUNICATION (KSC 52.223-94) (NOV 2000)
H.13 CONDUCT OF FACILITY PROJECTS (KSC 52.236-130) (APR 2000)
H.14 CONTROLS APPLICABLE TO CONTRACTOR'S ACTIVITIES (KSC 52.242-90) (DEC 2000)
H.15 CENTERWIDE MANPOWER REPORTS (KSC 52.242-93) (NOV 2000)
H.16 AUTHORIZED CHANGES (KSC 52.243-90) (FEB 1990)
H.17 MANAGEMENT AND PROTECTION OF DATA OF THIRD PARTIES
H.18 WORK FOR OTHERS
H.19 TASK ORDERING PROCEDURE (NFS 1852.216-80)(OCT 1996)
H.20 ESTABLISHMENT OF THE SPACEPORT RESEARCH AND TECHNOLOGY INSTITUTE (SRTI)
H.21 ASRC TEAM INVESTMENT PROFILE
H.22 NASA SYSTEM ADMINISTRATOR SECURITY CERTIFICATION PROGRAM

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I.3 NOTIFICATION OF COMPETITION LIMITED TO ELIGIBLE 8(a) CONCERNS (FAR 52.219-18) (JUN 1999) (DEVIATION)
I.4 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 1989)
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I.6 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2)(FEB 1998)
I.7 OMBUDSMAN (NFS 1852.215-84) (JUN 2000) (ALTERNATE I) (JUN 2000)
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I.9 AUTHORIZED DEVIATIONS IN CLAUSES (FAR 52.252-6)(APR 1984)

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period	(b)(4)			
03/01/03 to 9/30/07				$14,881,544
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3

Incentive Fee

Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				$1,246,169	8/04/2003	-
6				$ 1,813,245	9/03/2003	$8,339,265
Total Amount	$			$11,230,969	9/03/2003	$14,881,544

The Contractor agrees to make every reasonable effort to anticipate and make known to the Government what its requirements are sufficiently in advance to permit the Government to fulfill them in a timely manner in order to minimize Contractor procurement.

Items generally considered "Fixtures" (e.g., becomes a part of the premises when installed, such as water coolers, air-conditioners, partitions) shall not be purchased by the Contractor under the authority of this clause. Additionally, items of a capital nature shall not be purchased under the authority of this clause without the prior written approval of the Contracting Officer.

G.7 RENT- FREE USE OF GOVERNMENT FURNISHED PROPERTY

The contractor may enter into arrangements with other on-site contractors to perform certain work in furtherance of Kennedy Space Center (KSC) objectives. To this end, the contractor is authorized to use, on a rent-free non-interference basis, the Government-furnished property and facilities provided under this contract when performing work subject to these arrangements. The Government may unilaterally withdraw this authority without adjustment to any other provisions of this contract. All other non-USTDC use of Government Property accountable to this contract will be subject to rental charges as established in accordance with FAR 52.245-9, Use and Charges (APR 1984) unless the Contracting Officer specifically authorizes rent-free use.

[END OF SECTION]

H.20 ESTABLISHMENT OF THE SPACEPORT RESEARCH AND TECHNOLOGY INSTITUTE (SRTI)

The Contractor shall be responsible for establishing the Spaceport Research and Technology Institute (SRTI). In addition, the Contractor shall engage the Director of SRTI within six to eight months of contract award. For six to eight months, the Contractor shall provide an Interim Director of SRTI, located primarily at Kennedy Space Center (KSC). Both the Permanent Director of SRTI and the Deputy Director of SRTI shall be located full time at the Kennedy Space Center (KSC).

H.21 ASRC TEAM INVESTMENT PROFILE

The contractor shall provide the specific features and activities of it's investment commitment as described in Section J, Attachment 8.

H-22 NASA SYSTEM ADMINISTRATOR SECURITY CERTIFICATION PROGRAM

1. In addition to any other requirements of this contract, all individuals who perform tasks as a system administrator or have authority to perform tasks normally performed by a system administrator shall be required to demonstrate knowledge appropriate to those tasks. This demonstration, referred to as the NASA System Administrator Security Certification, is a NASA funded two-tier assessment to verify that system administrators are able to: a) Demonstrate knowledge in system administration for the operating systems for which they have responsibility and b) Demonstrate knowledge in the understanding and application of Network and Internet Security.

2. Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The NASA Chief Information Officer has established the criteria for this skills assessment. The objectives and procedures for this certification can be obtained by contacting the IT Security Awareness and Training Center at (216) 433-2063.

3. A system administrator is one who provides IT services, network services, files storage, web services, etc. to someone else other than themselves and takes or assumes the responsibility for the security and administrative controls of that service or machine. A lead system administrator has responsibility for information technology security (ITS) for multiple computers or network devices represented within a system; ensuring all devices assigned to them are kept in a secure configuration (patched/mitigated); and ensuring that all other system administrators under their lead understand and perform ITS duties.

4. The Contractor shall report their progress towards achieving certifications in their quarterly Internal Surveillance Report, DRD-003. The information shall include the number of individuals requiring certification and the number certified.

(END OF SECTION)

DATA REQUIREMENTS LIST	
DRL NUMBER:	REVISION
PROJECT/SYSTEM: University-affiliated Spaceport Technology Development Contract	
CONTRACT NUMBER	PREPARATION DATE: 6/21/02
CONTRACTOR	TECHNICAL APPROVAL
ATTACHMENT NUMBER	EXHIBIT NUMBER

ITEM NO.	TITLE	CHANGE STATUS
1	Emergency Preparedness Plan	
2	Internal Surveillance Plan	
3	Internal Surveillance Report	
4	Task Order Plan	
5	Contractor Financial Management Report (NASA Form 533 Series)	
6	Management Plan	
7	Safety and Health Plan	
8	Information Technology (IT) Security Plan	
9	Security Plan	
10	Risk Management Plan	
11	Technology Outreach Plan	
12	Quality Management System Plan	
13	Motor Vehicle Utilization Plan	
14	Technology Transfer Plan	
15	Export Control Plan	
16	Reserved	
17	Equal Employment Opportunity Report	Deleted - Modifcation 2
18	Technology Transfer Report	
19	Safety Statistics Report	
20	Pressure Vessel/System Certification Report	
21	Government-Industry Data Exchange Program (GIDEP) Alert System Report	
22	Headcount Report	
23	Advanced Notifcations of Workforce Reductions	New -Modification 6

KSC FORM 16-245 (REV 1/82)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL USTDC Page 1 of 1

B. LINE ITEM TITLE:					A. ITEM NO.
Advanced Notification of Workforce Reductions					023
C. OPR.	D. TYPE	E. INSPECT/ ACCEPT	F. FREQ.	G. INITIAL SUB.	H. AS OF DATE
QA-A1	3	N/A	AR	See Block J	

J. REMARKS:

The Contractor shall notify in writing the Industrial Relations Officer (IRO), Code QA-A, with a copy to the Contracting Officer, at least 15 calendar days in advance of notification to employees of any planned workforce reduction of permanent, full-time, and part-time employees that exceeds 10% of the total contract workforce or 25 employees, whichever is less.
In addition, if Workforce Adjustment and Retraining Notification (WARN) Act notification is required, the contractor shall provide to the IRO and the Contracting Officer the information required by the WARN Act, section 639.7(c) and a listing of all organizations to be notified including those required by section 639.6(a), (c), and (d), at least five (5) days prior to issuance of the notification.

K. DISTRIBUTION

QA-A1 (1)
OP-OS (1)
YA-A (CTM) (1)

TOTALS NO.	TOTALS TYPE
3	A

DATA REQUIREMENT DESCRIPTION

1. TITLE: Advanced Notification of Workforce Reductions

2. NUMBER:

3. USE:

4. DATE:

5. ORGANIZATION: KSC/OP and QA

7. INTERRELATIONSHIP:

6. REFERENCES:

8. PREPARATION INFORMATION

The notification shall include the reason for the reduction in workforce, the number of employees impacted, their labor classifications, their physical location, and their location within contract organizational structure.

The notification shall also identify the expected date of the first separation and the anticipated schedule for making separations, as well as the name and telephone number of a company official to contact for further information.

Contractor form is acceptable.

KSC FORM 16-246 (REV. 1/82)

Contract Value, Award Fee and Incentive Fee

NAS1003006

University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
			Summary					
00001	Rev B	60 Day Transition Task Order						$0
00002	Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$288,006
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	Basic	Applied Physics Infrastructure Support						$18,843
00005	Basic	Corrosion Test-bed						$59,770
00006	Basic	Chemical Instrumentation and Process Lab Infrastructure						$86,593
00007	Basic	Hydrogen Peroxide Decomposition						$54,000
00008	Basic	Galvanic Coatings for Protection of Concrete						$31,173
00009	Basic	Army Corrosion Retardant Additive Testing						$44,948
00012	Basic	Ionic Liquids						$31,000
00013	Basic	Corrosion Detection, Prediction and Prevention						$107,000
00014	Basic	OTV Modernization						$304,010
00015	Basic	Communications Engineering Infrastructure						$158,740
00016	Basic	Network Architecture & Routing Protocols						$73,423
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	Basic	Asynchronous Transfer Mode (ATM) Development Project						$339,055
00019	Basic	Fiber Optics Lab Projects						$762,638
00020	Basic	Network Systems & Security (NSS)						$373,240
00021	Basic	Network Service Level Assessment (NSLA)						$72,563
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	Basic	Electrostatics and Materials Physics Testbed						$25,800
00028	Basic	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	Basic	Development of KSC Infrastructure Documentation						$35,260
00031	Basic	Miscellaneous Operations Support						$115,052
00032	Basic	Proof-of-Concept Support						$60,000
00033	Basic	LETF & Instrumentation O&M						$790,530
00034	Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$849,177
00035	Basic	LOX Pump Qualification Testing						$163,031

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00036	Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$108,772
00038	Basic	Dev and Test Operations Infrastructure and LETF O&M						$53,285
00039	Basic	PGHMA Enhancements and Technical Support						$33,043
00041	Basic	Systems Engineering (NGLT)						$512,700
00042	Basic	Engineering Technical Services Support and CAD/CAE Support						$339,555
00043	Basic	Technology Programs and Commercialization Support						$426,970
00044	Basic	ARTWG/ASTWG Integration and Conference Support						$15,333
00045	Basic	Specifications, Standards, and Kennedy Documented Procedures						$83,420
00046	Basic	ISS Support Equipment Fabrication, Integration, and Testing						$26,684
00047	Basic	Beach Corrosion Data Acquisition System Support						$38,622
00049	Basic	LETF Shuttle Operations Testing Support						$282,677
00051	Basic	GSE Controls Integration						$50,633
00052	Basic	Command and Control Laboratory Infrastructure						$62,313
00053	Basic	Upgrade Hypergol Flow Meters Support						$8,385
00054	Basic	SSPF Transducer Laboratory Support						$36,930
00056	Basic	Shuttle Transducer Development						$230,038
00057	Basic	Shuttle Transducer Spec & Std Maintenance						$194,963
00058	Basic	In-Situ Pressure Calibration System						$27,190
00059	Basic	NIST Traceable Portable Pressure Standard						$36,820
00060	Basic	Acoustic Scaling Methodologies						$15,686
00061	Basic	Advanced Hazardous Gas Detection System Development						$91,238
00062	Basic	Vibroacoustic Prediction for Ground Support Equipment						$74,772
00063	Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$119,333
00064	Basic	Thermal Insulation Materials for Cryogenic Applications						$146,500
00070	Basic	SBIR/STTR Support						$40,958
00071	Basic	LETF DOD Load Testing Support						$336,409
00072	Basic	E-nose for ISS and EVA						$120,000
00074	Basic	Technical Documentation Database System						$77,938
00076	Basic	Laser Processing of Spaceport Materials						$37,733
00078	Basic	Capcitance Based Sensors						$57,600
00079	Basic	NGLT Project Management Support						$561,028
00080	Basic	Software Process Improvement Effort						$63,815
00081	Basic	MSBLS Flight Inspection System Support						$52,170
00082	Rev A	Flight Modem Project						$138,108
00083	Basic	Electronics Infrastructure						$52,200
00084	Basic	Range Infrastructure						$36,605

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00085	Basic	Weather Projects Support						$9,923
00086	Basic	Autonomous Flight Safety System (AFSS)						$99,230
00087	Basic	Emerging Communication Technology (ECT)						$263,438
00088	Rev A	Space Based Telemetry and Range Safety (STARS)						$235,940
00089	Basic	Intelligent Cable Tester						$43,150
00090	Basic	KCCS Infrastructure Conversion						$732,745
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$3,333
00092	Basic	NAVAIDS Flight Inspection System Development						$244,980
00093	Basic	Airborne Particle Counting						$68,623
00094	Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$234,673
00096	Basic	Operational Spaceport Office Project Control and Integration Support						$47,303
00098	Basic	Launch Exhaust Management Systems Phase II						$94,956
00099	Rev A	Sonic Lightning Locator (SOLLO) Upgrades						$37,068
00102	Basic	Agency Security Update Service (ASUS)						$156,500
00105	Basic	Failsafe Jackscrew						$25,322
00115	Basic	Camera Measurement System for Payload Positioning at the Pads						$88,535
00119	Basic	WB TAU Certification for Flowliner						$14,190
00120	Basic	Cryolab Oxygen Monitor						$29,660
00121	Basic	Fire Detection Evaluation						$17,055
00122	Basic	Support Equipment Coating Study						$1,828
00123	Basic	RWGS						$3,000
00125	Basic	Minature Smart Leak Sensor						$150,000
00126	Basic	Corrosion Testing of Airplane Wing Structures						$18,000
00127	Basic	Spaceport Processing System LPS Survivability Task						$39,580
00131	Basic	KSC BTU Measurement System						$179,208
00132	Basic	Development of Portable Hydrazine Detector						$93,500
00134	Rev B	STS-107 Investigation Support						$360,738
00135	Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$85,000
00137	Basic	Modeling of Advanced Physics Concepts						$42,000
00140	Basic	Thermal Insulation System Retrofit						$92,033
00141	Basic	Orbital Space Plane (OSP) Systems Engineering						$596,425
00142	Basic	High Pressure, High Shock Mass Level Sensor						$91,325
00143	Basic	Systems Engineering Tools Assessment						$34,938
00144	Basic	Mars Dust Partical Analyzer						$46,500
00145	Basic	EVM Support to YA						$40,599
00146	Basic	ELV Lightning Detection Support						$34,913

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	Summary					
			Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$339,900
00149	Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$95,057
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$75,088
00151	Basic	Payload/Fairing Flowfield Testing for CFD Validation - *Phase I*						$161,000
00152	Basic	*Long Distance Transfer Piping*						$8,900
00153	Basic	Flight Hardware Process Development Project Management						$58,020
00157	Basic	Seawater Immersion Facility Support						$10,000
00158	Basic	Non-Destructive Examination Support in Preparation for RTF						$50,033
								$0
		TOTAL						$14,881,544

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$288,006
00003	Basic	Corrosion Resistant Tubing						$36,000
00004	Basic	Applied Physics Infrastructure Support						$18,843
00005	Basic	Corrosion Test-bed						$59,770
00006	Basic	Chemical Instrumentation and Process Lab Infrastructure						$86,593
00007	Basic	Hydrogen Peroxide Decomposition						$54,000
00008	Basic	Galvanic Coatings for Protection of Concrete						$31,173
00009	Basic	Army Corrosion Retardant Additive Testing						$44,948
00012	Basic	Ionic Liquids						$31,000
00013	Basic	Corrosion Detection, Prediction and Prevention						$107,000
00014	Basic	OTV Modernization						$304,010
00015	Basic	Communications Engineering Infrastructure						$158,740
00016	Basic	Network Architecture & Routing Protocols						$73,423
00017	Basic	KSC LAN Documentation and User Guides						$13,868
00018	Basic	Asynchronous Transfer Mode (ATM) Development Project						$339,055
00019	Basic	Fiber Optics Lab Projects						$762,638
00020	Basic	Network Systems & Security (NSS)						$373,240
00021	Basic	Network Service Level Assessment (NSLA)						$72,563
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$35,905
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$42,053
00024	Basic	Emergency Broadcast Cable TV Alert System						$4,945
00025	Rev A	Halon Replacement						$34,000
00026	Basic	Electrostatics and Materials Physics Testbed						$25,800
00028	Basic	Electrostatic and Surface Physics Research and Development						$89,225
00029	Basic	Payload Contamination Monitoring						$37,078
00030	Basic	Development of KSC Infrastructure Documentation						$35,260
00031	Basic	Miscellaneous Operations Support						$115,052
00032	Basic	Proof-of-Concept Support						$60,000
00033	Basic	LETF & Instrumentation O&M						$790,530
00034	Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$792,920
00035	Basic	LOX Pump Qualification Testing						$112,431

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00036	Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$108,772
00038	Basic	Dev and Test Operations Infrastructure and LETF O&M						$53,285
00039	Basic	PGHMA Enhancements and Technical Support						$33,043
00041	Basic	Systems Engineering (NGLT)						$456,870
00042	Basic	Engineering Technical Services Support and CAD/CAE Support						$339,555
00043	Basic	Technology Programs and Commercialization Support						$426,970
00044	Basic	ARTWG/ASTWG Integration and Conference Support						$15,333
00045	Basic	Specifications, Standards, and Kennedy Documented Procedures						$66,220
00046	Basic	ISS Support Equipment Fabrication, Integration, and Testing						$26,684
00047	Basic	Beach Corrosion Data Acquisition System Support						$38,622
00049	Basic	LETF Shuttle Operations Testing Support						$282,677
00051	Basic	GSE Controls Integration						$50,633
00052	Basic	Command and Control Laboratory Infrastructure						$62,313
00053	Basic	Upgrade Hypergol Flow Meters Support						$8,385
00054	Basic	SSPF Transducer Laboratory Support						$36,930
00056	Basic	Shuttle Transducer Development						$230,038
00057	Basic	Shuttle Transducer Spec & Std Maintenance						$194,963
00058	Basic	In-Situ Pressure Calibration System						$27,190
00059	Basic	NIST Traceable Portable Pressure Standard						$36,820
00060	Basic	Acoustic Scaling Methodologies						$15,686
00061	Basic	Advanced Hazardous Gas Detection System Development						$91,238
00062	Basic	Vibroacoustic Prediction for Ground Support Equipment						$62,000
00063	Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$119,333
00064	Basic	Thermal Insulation Materials for Cryogenic Applications						$137,893
00070	Basic	SBIR/STTR Support						$40,958
00071	Basic	LETF DOD Load Testing Support						$336,409
00072	Basic	E-nose for ISS and EVA						$60,000
00074	Basic	Technical Documentation Database System						$77,938
00076	Basic	Laser Processing of Spaceport Materials						$37,733
00078	Basic	Capcitance Based Sensors						$42,355
00079	Basic	NGLT Project Management Support						$561,028
00080	Basic	Software Process Improvement Effort						$63,815
00081	Basic	MSBLS Flight Inspection System Support						$52,170
00082	Rev A	Flight Modem Project						$138,108
00083	Basic	Electronics Infrastructure						$52,200
00084	Basic	Range Infrastructure						$36,605

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00085	Basic	Weather Projects Support						$9,923
00086	Basic	Autonomous Flight Safety System (AFSS)						$99,230
00087	Basic	Emerging Communication Technology (ECT)						$263,438
00088	Rev A	Space Based Telemetry and Range Safety (STARS)						$235,940
00089	Basic	Intelligent Cable Tester						$43,150
00090	Basic	KCCS Infrastructure Conversion						$389,978
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$3,333
00092	Basic	NAVAIDS Flight Inspection System Development						$244,980
00093	Basic	Airborne Particle Counting						$68,623
00094	Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$234,673
00096	Basic	Operational Spaceport Office Project Control and Integration Support						$47,303
00098	Basic	Launch Exhaust Management Systems Phase II						$94,956
00099	Rev A	Sonic Lightning Locator (SOLLO) Upgrades						$37,068
00102	Basic	Agency Security Update Service (ASUS)						$65,468
00105	Basic	Failsafe Jackscrew						$25,322
00115	Basic	Camera Measurement System for Payload Positioning at the Pads						$88,535
00119	Basic	WB TAU Certification for Flowliner						$14,190
00120	Basic	Cryolab Oxygen Monitor						$29,660
00121	Basic	Fire Detection Evaluation						$17,055
00122	Basic	Support Equipment Coating Study						$1,828
00123	Basic	RWGS						$3,000
00125	Basic	Minature Smart Leak Sensor						$70,693
00126	Basic	Corrosion Testing of Airplane Wing Structures						$7,988
00127	Basic	Spaceport Processing System LPS Survivability Task						$39,580
00131	Basic	KSC BTU Measurement System						$123,990
00132	Basic	Development of Portable Hydrazine Detector						$19,995
00134	Rev B	STS-107 Investigation Support						$360,738
00135	Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$30,000
00137	Basic	Modeling of Advanced Physics Concepts						$14,298
00140	Basic	Thermal Insulation System Retrofit						$48,001
00141	Basic	Orbital Space Plane (OSP) Systems Engineering						$446,433
00142	Basic	High Pressure, High Shock Mass Level Sensor						$43,593
00143	Basic	Systems Engineering Tools Assessment						$34,938
00144	Basic	Mars Dust Partical Analyzer						$31,020
00145	Basic	EVM Support to YA						$40,599
00146	Basic	ELV Lightning Detection Support						$34,913

Contract Value, Award Fee and Incentive Fee

Section J, Attachment 10
Modification No. 6
(as of July 15, 2003)

Base Period Task Order Summary

Task Order	Revision	Title	CY 01 Total Adjusted Target Labor Costs	CY 01 Other Direct Costs	CY 01 Total Estimated Cost	CY 01 Award Fee	CY 01 Incentive Fee	CY 01 Total Cost & fee
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$201,509
00149	Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$95,057
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$75,088
00151	Basic	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$161,000
00152	Basic	Long Distance Transfer Piping						$8,900
00153	Basic	Flight Hardware Process Development Project Management						$58,020
00157	Basic	Seawater Immersion Facility Support						$10,000
00158	Basic	Non-Destructive Examination Support in Preparation for RTF						$50,033
								$0
		TOTAL						$13,474,859

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$0
00003	Basic	Corrosion Resistant Tubing						$0
00004	Basic	Applied Physics Infrastructure Support						$0
00005	Basic	Corrosion Test-bed						$0
00006	Basic	Chemical Instrumentation and Process Lab Infrastructure						$0
00007	Basic	Hydrogen Peroxide Decomposition						$0
00008	Basic	Galvanic Coatings for Protection of Concrete						$0
00009	Basic	Army Corrosion Retardant Additive Testing						$0
00012	Basic	Ionic Liquids						$0
00013	Basic	Corrosion Detection, Prediction and Prevention						$0
00014	Basic	OTV Modernization						$0
00015	Basic	Communications Engineering Infrastructure						$0
00016	Basic	Network Architecture & Routing Protocols						$0
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	Basic	Asynchronous Transfer Mode (ATM) Development Project						$0
00019	Basic	Fiber Optics Lab Projects						$0
00020	Basic	Network Systems & Security (NSS)						$0
00021	Basic	Network Service Level Assessment (NSLA)						$0
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	Basic	Electrostatics and Materials Physics Testbed						$0
00028	Basic	Electrostatic and Surface Physics Research and Development						$0
00029	Basic	Payload Contamination Monitoring						$0
00030	Basic	Development of KSC Infrastructure Documentation						$0
00031	Basic	Miscellaneous Operations Support						$0
00032	Basic	Proof-of-Concept Support						$0
00033	Basic	LETF & Instrumentation O&M						$0
00034	Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$0
00035	Basic	LOX Pump Qualification Testing						$56,258
								$50,599

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00036	Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$0
00038	Basic	Dev and Test Operations Infrastructure and LETF O&M						$0
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	Basic	Systems Engineering (NGLT)						$55,830
00042	Basic	Engineering Technical Services Support and CAD/CAE Support						$0
00043	Basic	Technology Programs and Commercialization Support						$0
00044	Basic	ARTWG/ASTWG Integration and Conference Support						$0
00045	Basic	Specifications, Standards, and Kennedy Documented Procedures						$0
00046	Basic	ISS Support Equipment Fabrication, Integration, and Testing						$17,200
00047	Basic	Beach Corrosion Data Acquisition System Support						$0
00049	Basic	LETF Shuttle Operations Testing Support						$0
00051	Basic	GSE Controls Integration						$0
00052	Basic	Command and Control Laboratory Infrastructure						$0
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	Basic	SSPF Transducer Laboratory Support						$0
00056	Basic	Shuttle Transducer Development						$0
00057	Basic	Shuttle Transducer Spec & Std Maintenance						$0
00058	Basic	In-Situ Pressure Calibration System						$0
00059	Basic	NIST Traceable Portable Pressure Standard						$0
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Basic	Advanced Hazardous Gas Detection System Development						$0
00062	Basic	Vibroacoustic Prediction for Ground Support Equipment						$0
00063	Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab Operations and Maintenance						$12,772
00064	Basic	Thermal Insulation Materials for Cryogenic Applications						$0
00070	Basic	SBIR/STTR Support						$8,608
00071	Basic	LETF DOD Load Testing Support						$0
00072	Basic	E-nose for ISS and EVA						$0
00074	Basic	Technical Documentation Database System						$60,000
00076	Basic	Laser Processing of Spaceport Materials						$0
00078	Basic	Capcitance Based Sensors						$0
00079	Basic	NGLT Project Management Support						$15,245
00080	Basic	Software Process Improvement Effort						$0
00081	Basic	MSBLS Flight Inspection System Support						$0
00082	Rev A	Flight Modem Project						$0
00083	Basic	Electronics Infrastructure						$0
00084	Basic	Range Infrastructure						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00085	Basic	Weather Projects Support						$0
00086	Basic	Autonomous Flight Safety System (AFSS)						
00087	Basic	Emerging Communication Technology (ECT)						$0
00088	Rev A	Space Based Telemetry and Range Safety (STARS)						$0
00089	Basic	Intelligent Cable Tester						$0
00090	Basic	KCCS Infrastructure Conversion						$342,768
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$0
00092	Basic	NAVAIDS Flight Inspection System Development						$0
00093	Basic	Airborne Particle Counting						$0
00094	Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$0
00096	Basic	Operational Spaceport Office Project Control and Integration Support						$0
00098	Basic	Launch Exhaust Management Systems Phase II						
00099	Rev A	Sonic Lightning Locator (SOLLO) Upgrades						$0
00102	Basic	Agency Security Update Service (ASUS)						$0
00105	Basic	Failsafe Jackscrew						$0
00115	Basic	Camera Measurement System for Payload Positioning at the Pads						$91,032
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Basic	RWGS						$0
00125	Basic	Minature Smart Leak Sensor						$0
00126	Basic	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$0
00131	Basic	KSC BTU Measurement System						$79,308
00132	Basic	Development of Portable Hydrazine Detector						$10,013
00134	Rev B	STS-107 Investigation Support						$0
00135	Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$55,218
00137	Basic	Modeling of Advanced Physics Concepts						$58,050
00140	Basic	Thermal Insulation System Retrofit						$0
00141	Basic	Orbital Space Plane (OSP) Systems Engineering						$5,023
00142	Basic	High Pressure, High Shock Mass Level Sensor						$27,703
00143	Basic	Systems Engineering Tools Assessment						$44,033
00144	Basic	Mars Dust Partical Analyzer						$149,993
00145	Basic	EVM Support to YA						$47,733
00146	Basic	ELV Lightning Detection Support						$0
								$15,480
								$0
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 02 Total Adjusted Target Labor Costs	CY 02 Other Direct Costs	CY 02 Total Estimated Cost	CY 02 Award Fee	CY 02 Incentive Fee	CY 02 Total Cost & fee
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$138,392
00149	Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$0
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	Basic	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	Basic	Flight Hardware Process Development Project Management						$0
00157	Basic	Seawater Immersion Facility Support						$0
00158	Basic	Non-Destructive Examination Support in Preparation for RTF						$0
		TOTAL						$1,341,254

Contract Value, Award Fee and Incentive Fee

NAS1003006
University-affiliated Spaceport Technology Development Contract

Base Period Task Order Summary

Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00001	Rev B	60 Day Transition Task Order						$0
00002	Basic	Calibratiion Maintenance for SE&T Labs and Testbeds Division and USTDC Labs						$0
00003	Basic	Corrosion Resistant Tubing						$0
00004	Basic	Applied Physics Infrastructure Support						$0
00005	Basic	Corrosion Test-bed						$0
00006	Basic	Chemical Instrumentation and Process Lab Infrastructure						$0
00007	Basic	Hydrogen Peroxide Decomposition						$0
00008	Basic	Galvanic Coatings for Protection of Concrete						$0
00009	Basic	Army Corrosion Retardant Additive Testing						$0
00012	Basic	Ionic Liquids						$0
00013	Basic	Corrosion Detection, Prediction and Prevention						$0
00014	Basic	OTV Modernization						$0
00015	Basic	Communications Engineering Infrastructure						$0
00016	Basic	Network Architecture & Routing Protocols						$0
00017	Basic	KSC LAN Documentation and User Guides						$0
00018	Basic	Asynchronous Transfer Mode (ATM) Development Project						$0
00019	Basic	Fiber Optics Lab Projects						$0
00020	Basic	Network Systems & Security (NSS)						$0
00021	Basic	Network Service Level Assessment (NSLA)						$0
00022	Basic	Ultra Wideband (UWB) Commincation Technology						$0
00023	Basic	Remote Monitoring and Alarm System (RMAS)						$0
00024	Basic	Emergency Broadcast Cable TV Alert System						$0
00025	Rev A	Halon Replacement						$0
00026	Basic	Electrostatics and Materials Physics Testbed						$0
00028	Basic	Electrostatic and Surface Physics Research and Development						$0
00029	Basic	Payload Contamination Monitoring						$0
00030	Basic	Development of KSC Infrastructure Documentation						$0
00031	Basic	Miscellaneous Operations Support						$0
00032	Basic	Proof-of-Concept Support						$0
00033	Basic	LETF & Instrumentation O&M						$0
00034	Rev A	Advanced Technology Development Center (ATDC)- Phase 1						$0
00035	Basic	LOX Pump Qualification Testing						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Section J, Attachment 10
Modification No. 6
(as of July 15, 2003)

Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00036	Basic	Mech, Struct, & Controls & GSE Dev Lab O&M						$0
00038	Basic	Dev and Test Operations Infrastructure and LETF O&M						$0
00039	Basic	PGHMA Enhancements and Technical Support						$0
00041	Basic	Systems Engineering (NGLT)						$0
00042	Basic	Engineering Technical Services Support and CAD/CAE Support						$0
00043	Basic	Technology Programs and Commercialization Support						$0
00044	Basic	ARTWG/ASTWG Integration and Conference Support						$0
00045	Basic	Specifications, Standards, and Kennedy Documented Procedures						$0
00046	Basic	ISS Support Equipment Fabrication, Integration, and Testing						$0
00047	Basic	Beach Corrosion Data Acquisition System Support						$0
00049	Basic	LETF Shuttle Operations Testing Support						$0
00051	Basic	GSE Controls Integration						$0
00052	Basic	Command and Control Laboratory Infrastructure						$0
00053	Basic	Upgrade Hypergol Flow Meters Support						$0
00054	Basic	SSPF Transducer Laboratory Support						$0
00056	Basic	Shuttle Transducer Development						$0
00057	Basic	Shuttle Transducer Spec & Std Maintenance						$0
00058	Basic	In-Situ Pressure Calibration System						$0
00059	Basic	NIST Traceable Portable Pressure Standard						$0
00060	Basic	Acoustic Scaling Methodologies						$0
00061	Basic	Advanced Hazardous Gas Detection System Development						$0
00062	Basic	Vibroacoustic Prediction for Ground Support Equipment						$0
00063	Basic	Cryogenics and Fluids Infrastructure and Cryogenics Test Lab						$0
00064	Basic	Operations and Maintenance						$0
00070	Basic	Thermal Insulation Materials for Cryogenic Applications						$0
00071	Basic	SBIR/STTR Support						$0
00072	Basic	LETF DOD Load Testing Support						$0
00074	Basic	E-nose for ISS and EVA						$0
00076	Basic	Technical Documentation Database System						$0
00078	Basic	Laser Processing of Spaceport Materials						$0
00079	Basic	Capcitance Based Sensors						$0
00080	Basic	NGLT Project Management Support						$0
00081	Basic	Software Process Improvement Effort						$0
00082	Rev A	MSBLS Flight Inspection System Support						$0
00083	Basic	Flight Modem Project						$0
00084	Basic	Electronics Infrastructure						$0
		Range Infrastructure						$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

Task Order	Revision	Title	CY 03 Total Adjusted Target Labor Costs	CY 03 Other Direct Costs	CY 03 Total Estimated Cost	CY 03 Award Fee	CY 03 Incentive Fee	CY 03 Total Cost & fee
00085	Basic	Weather Projects Support						$0
00086	Basic	Autonomous Flight Safety System (AFSS)						
00087	Basic	Emerging Communication Technology (ECT)						$0
00088	Rev A	Space Based Telemetry and Range Safety (STARS)						$0
00089	Basic	Intelligent Cable Tester						$0
00090	Basic	KCCS Infrastructure Conversion						$0
00091	Basic	Signal Conditioning Amplifier Recorder (SCAmpR) Protoype Dev						$0
00092	Basic	NAVAIDS Flight Inspection System Development						$0
00093	Basic	Airborne Particle Counting						$0
00094	Basic	KPRO - Kennedy Space Center Projects and Resources On-line						$0
00096	Basic	Operational Spaceport Office Project Control and Integration Support						$0
00098	Basic	Launch Exhaust Management Systems Phase II						$0
00099	Rev A	Sonic Lightning Locator (SOLLO) Upgrades						
00102	Basic	Agency Security Update Service (ASUS)						$0
00105	Basic	Failsafe Jackscrew						$0
00115	Basic	Camera Measurement System for Payload Positioning at the Pads						$0
00119	Basic	WB TAU Certification for Flowliner						$0
00120	Basic	Cryolab Oxygen Monitor						$0
00121	Basic	Fire Detection Evaluation						$0
00122	Basic	Support Equipment Coating Study						$0
00123	Basic	RWGS						$0
00125	Basic	Minature Smart Leak Sensor						$0
00126	Basic	Corrosion Testing of Airplane Wing Structures						$0
00127	Basic	Spaceport Processing System LPS Survivability Task						$0
00131	Basic	KSC BTU Measurement System						$0
00132	Basic	Development of Portable Hydrazine Detector						$0
00134	Rev B	STS-107 Investigation Support						$0
00135	Basic	Hydrazine Detection Systems (Mini Mass Spectrometer)						$0
00137	Basic	Modeling of Advanced Physics Concepts						$15,455
00140	Basic	Thermal Insulation System Retrofit						$0
00141	Basic	Orbital Space Plane (OSP) Systems Engineering						$49,977
00142	Basic	High Pressure, High Shock Mass Level Sensor						$0
00143	Basic	Systems Engineering Tools Assessment						$0
00144	Basic	Mars Dust Partical Analyzer						$0
00145	Basic	EVM Support to YA						$0
00146	Basic	ELV Lightning Detection Support						$0
								$0

Contract Value, Award Fee and Incentive Fee

Base Period Task Order Summary

			CY 03					
Task Order	Revision	Title	Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00147	Basic	Orbital Space Plane (OSP) Project Management Support						$0
00149	Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						$0
00150	Basic	Remote Imaging of Hydrogen and Helium Leaks						$0
00151	Basic	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						$0
00152	Basic	Long Distance Transfer Piping						$0
00153	Basic	Flight Hardware Process Development Project Management						$0
00157	Basic	Seawater Immersion Facility Support						$0
00158	Basic	Non-Destructive Examination Support in Preparation for RTF						$0
		TOTAL						$65,431

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

OMB Approval 2700-0042

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	1. CONTRACT ID CODE	PAGE	OF	PAGES
5	See Block 16C.	PR 4200006540	NAS10-03006	1		2

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Marvland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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)

Increase in Obligation Amount of $1,246,169

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.

X 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). FAR 52.232-22 Limitation of Funds

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

D. OTHER Specify type of modification and authority)

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.)

1. The purpose of this modification is to add incremental funding. This modification adds funding to the contract in the amount of $1,246,169 for a total contract obligation amount of $9,417,724. The funding is considered to be adequate for contract performance through August 4, 2003.

(See Continuation Page)

Except at 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)	
		John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	6-20-03

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

2. Pursuant to contract clause B.2 Contract Value, Award Fee, and Incentive Fee the Government and the Contractor are in the process of reconciling contract value based on the value of all task orders issued to date. Contract Tables B-1, B-2, and B-3 will be updated in the next contract modification. Until that modification is issued, the funding obligated to the contract will exceed the amount shown in the contract as the current contract value.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 13 with the attached revised page 13.

4. All other contract terms and conditions remain unchanged.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
5				1,246,169	8/04/2003	-
Total Amount				$9,417,724	8/04/2003	$6,542,279

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
4	See Block 16C.	PR 4200006540	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Marvland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in Obligation Amount of $1,629,276

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.
X	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). FAR 52.232-22 Limitation of Funds
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

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.)

1. The purpose of this modification is to add incremental funding. This modification adds funding to the contract in the amount of $1,629,276 for a total contract obligation amount of $8,171,555. The funding is considered to be adequate for contract performance through July 11, 2003.

(See Continuation Page)

Except at 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) John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY John M. Vondenhuevel (Signature of Contracting Officer)	16C. DATE SIGNED 5-28-03

2. All other terms and conditions of the contract remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 13 with the attached revised page 13.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
Total Amount				$8,171,555	7/11/2003	$6,542,279

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
4	See Block 16C.	PR 4200006540	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Marvland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(✓) 10A. MODIFICATION OF CONTRACT/ORDER NO.
X NAS10-03006

10B. DATED (SEE ITEM 13)
02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in Obligation Amount of $1,629,276

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.
X	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). FAR 52.232-22 Limitation of Funds
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

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.)

1. The purpose of this modification is to add incremental funding. This modification adds funding to the contract in the amount of $1,629,276 for a total contract obligation amount of $8,171,555. The funding is considered to be adequate for contract performance through July 11, 2003.

(See Continuation Page)

Except at 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)	
		John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	5-28-03

2. All other terms and conditions of the contract remain unchanged.

3. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 13 with the attached revised page 13.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
4				$1,629,276	7/11/2003	-
Total Amount				$8,171,555	7/11/2003	$6,542,279

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OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
3	See Block 16C.		

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, county, State and ZIP: Code)*

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Marvland 20770

CODE 1CZZ9 FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006
	10B. DATED *(SEE ITEM 13)* 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. 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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER Specify type of modification and authority) Mutual Agreement of the Parties

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

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

1. The purpose of the modification is to add new labor classifications and rates to contract attachment J-5, Task Order Pricing Rate Schedule, revise the Management & Administrative (M&A) rate applicable to the contract, and amend clause B.7, Special Cost Provisions (KSC 52.231-90)(Dec 2000).

(See Continuation Page)

Except at 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)* John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA DRAFT BY *(Signature of Contracting Officer)*	16C. DATE SIGNED

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

DRAFT

2. The additional labor classifications are needed to reflect the proper education, experience, and skills of the incumbent workforce hired to support the USTDC. The inclusion of the new labor classifications will allow development of more accurate cost estimates for use in pricing Task Orders issued under the contract. The M&A rate is being revised to reflect re-allocations of labor positions between direct charge and indirect pools, adds Other Direct Charges (ODCs) allocable to M&A, and adjusts the M&A direct labor hour base to reflect a reduction in the level of work being accomplished on the contract. Contract clause B.7 is amended to clarify responsibilities and procedures on establishing contract provisional indirect billing rates.

3. All other terms and conditions of the contract remain unchanged.

4. The following page changes shall be made to the contract to incorporate the above modifications:

Section B

Replace page 15 with the attached revised page 15.

Section J, Attachment J-5A,

Replace pages 1 through 4 with the attached revised pages 1 through 4.

Section J, Attachment J-5B,

Replace pages 1 through 2 with the attached revised pages 1 through 2.

Section J, Attachment J-5C,

Replace page 1 with the attached revised page 1.
Replace page 3 with the attached revised page 3.

ability to achieve contract goals/metrics established for these areas, along with a review of the Contractor's overall performance, will be a key determinant in the Government's decision to exercise any contract option.

B.6 TASK ORDER PRICING

Task Orders will be issued in accordance with NFS clause 1852.216-80, Task Ordering Procedure (OCT 1996). The Contractor agrees to use the direct labor and indirect rates established in contract attachment J-5, Task Order Pricing Rate Schedule, as the basis for establishing the estimated cost of individual orders, together with any other costs specific to the order.

B.7 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000) (MODIFIED)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

(a) TRAVEL
Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

(b) PROVISIONAL INDIRECT BILLING RATES

The responsibility to establish provisional indirect billing rates for this contract has been delegated to the Defense Contract Management Agency (DCMA). The Contractor shall submit a proposal for the next fiscal year's provisional indirect billing rates to the cognizant Administrative Contract Officer (ACO) at least 90 days prior to the beginning of the coming fiscal year. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated for the year.

(c) RELOCATION COSTS
Reimbursement for relocation costs shall be in accordance with the provisions of FAR 31.205-35. No relocation costs will be reimbursable under this contract for employees whose residence at the time of hiring or assignment to this contract was within a fifty (50) mile radius of Kennedy Space Center, Florida. In no event shall the average reimbursement for relocation costs exceed the following ceiling:

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Attachment J-5A
Page 1 of 4

PRIME: ASRC AEROSPACE CORPORATION
SUB:

X BASIC
__ OPTIONS

X On-Site KSC
__ Off-Site (Specify location)

BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 03		GFY 04		GFY 05		GFY 06		GFY 07	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
Account Manager										
Sr. Account Manager										
Accountant										
Accountant II										
Business Systems Analyst II										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Chemist IV										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimeda Production Specialist										
Computer Systems Analyst I										
Computer Systems Analyst II										
Computer Systems Analyst III										
Network Administrator										
Sr. Network Administrator										
Sr. Web Editor										
Drafter I										
Drafter II										
Drafter III										
Drafter IV										
Lead Drafter										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Sr. Principal Investigator										
Project Manager										
Sr. Project Manager										
Quality Assurance Engineer II										
Quality Assurance Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Designer										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Graphics Artist										
Configuration Control Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Project Administrator III										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
Technical Editor										
Computer Support Specialist										
Electrial Technician I										
Electrial Technician II										
Electrial Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maintenance Mechanic										
Welder										
Pneudraulic Systems Mechanic										
Word Processor I										
Word Processor II										
Word Processor III										
Training Specialist										
Subject Matter Expert										
Contracts Specialist										
Manager										
Subcontract Administrator										
Logistician Analyst I										
Logistician Analyst II										

BURDEN/INDIRECT RATES:
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic

UNIVERSITY-AFAFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Attachment J-5A
Page 2 of 4

PRIME: ASRC AEROSPACE CORPORATION
SUB:

X BASIC
__ OPTIONS

__ On-Site KSC
X Off-Site (Specify location)

BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 03		GFY 04		GFY 05		GFY 06		GFY 07	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
Account Manager										
Sr. Account Manager										
Accountant										
Accountant II										
Business Systems Analyst II										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Chemist IV										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Production Specialist										
Computer Systems Analyst I										
Computer Systems Analyst II										
Network Administrator										
Sr. Network Administrator										
Sr. Web Editor										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Lead Drafter										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Sr. Principal Investigator										
Project Manager										
Sr. Project Manager										
Quality Assurance Engineer II										
Quality Assurance Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Designer										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Graphics Artist										
Configuration Control Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Project Administrator III										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
Technical Editor										
Computer Support Specialist										
Electrial Technician I										
Electrial Technician II										
Electrial Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maintenance Mechanic										
Welder										
Pneudraulic Systems Mechanic										
Word Processor I										
Word Processor II										
Word Processor III										
Training Specialist										
Subject Matter Expert										
Contracts Specialist										
Manager										
Subcontract Administrator										
Logistician Analyst I										
Logistician Analyst II										

BURDEN/INDIRECT RATES:
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Basic

UNIVERSITY-AFAFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

PRIME: ASRC AEROSPACE CORPORATION
SUB:

__ BASIC
X OPTIONS

X On-Site KSC
__ Off-Site (Specify location)

BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 08		GFY 09		GFY 10		GFY 11		GFY12	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
Account Manager										
Sr. Account Manager										
Accountant										
Accountant II										
Business Systems Analyst II										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Chemist IV										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Production Specialist										
Computer Systems Analyst I										
Computer Systems Analyst II										
Computer Systems Analyst III										
Network Administrator										
Sr. Network Administrator										
Sr. Web Editor										
Drafter I										
Drafter II										
Drafter III										
Drafter IV										
Lead Drafter										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Sr. Principal Investigator										
Project Manager										
Sr. Project Manager										
Quality Assurance Engineer II										
Quality Assurance Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Designer										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Graphics Artist										
Configuration Control Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Project Administrator III										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
Technical Editor										
Computer Support Specialist										
Electrial Technician I										
Electrial Technician II										
Electrial Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maintenance Mechanic										
Welder										
Pneudraulic Systems Mechanic										
Word Processor I										
Word Processor II										
Word Processor III										
Training Specialist										
Subject Matter Expert										
Contracts Specialist										
Manager										
Subcontract Administrator										
Logistician Analyst I										
Logistician Analyst II										

BURDEN/INDIRECT RATES:
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options

UNIVERSITY-AFAFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

Attachment J-5A
Page 4 of 4

PRIME: ASRC AEROSPACE CORPORATION
SUB:

__ BASIC
X OPTIONS

__ On-Site KSC
X Off-Site (Specify location)

LABOR CLASSIFICATIONS	BURDENED DIRECT LABOR RATES									
	GFY 08		GFY 09		GFY 10		GFY 11		GFY12	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
Account Manager										
Sr. Account Manager										
Accountant										
Accountant II										
Business Systems Analyst II										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Chemist IV										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimeda Production Specialist										
Computer Systems Analyst I										
Computer Systems Analyst II										
Network Administrator										
Sr. Network Administrator										
Sr. Web Editor										
Drafter I										
Drafter II										
Drafter III										
Drafter IV										
Lead Drafter										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Engineer V										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Sr. Principal Investigator										
Project Manager										
Sr. Project Manager										
Quality Assurance Engineer II										
Quality Assurance Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Designer										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Graphics Artist										
Configuration Control Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Project Administrator III										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
Technical Editor										
Computer Support Specialist										
Electrial Technician I										
Electrial Technician II										
Electrial Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maintenance Mechanic										
Welder										
Pneudraulic Systems Mechanic										
Word Processor I										
Word Processor II										
Word Processor III										
Training Specialist										
Subject Matter Expert										
Contracts Specialist										
Manager										
Subcontract Administrator										
Logistician Analyst I										
Logistician Analyst II										

BURDEN/INDIRECT RATES:
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options
- Division 4 O/H Pool & Direct Labor
- Division 4 G&A Total Cost
- M&A Allocation - Options

UNIVERSITY-AFAFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

SUB: Swales Aerospace

_X_ BASIC
___ OPTIONS

_X_ On-Site KSC
___ Off-Site (Specify location)

FULLY BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 2003		GFY 2004		GFY 2005		GFY 2006		GFY 2007	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
Aerospace Engineer II										
Aerospace Engineer III										
Chemist II										
Computer Programmer III										
Computer Support Specialist										
Computer Systems Analyst III										
Director										
Director (RTO)										
Electrical Technician I										
Electrical Technician III										
Electrical Technician III (RTO)										
Engineer II										
Engineer II (RTO)										
Engineer III										
Engineer III (RTO)										
Engineer IV										
Engineer V										
Engineering Aide III										
Engineering Aide IV										
Engineering Aide V										
Industrial Engineer III										
Instrument Mechanic										
Machinist (RTO)										
Manager										
Principal Investigator										
Principal Investigator (RTO)										
Project Administrator I										
Project Manager										
Secretary III										
Software Engineer II (RTO)										
Subject Matter Expert										

UNIVERSITY-AFAFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE

SUB: Swales Aerospace

___ BASIC
_X_ OPTIONS

_X_ On-Site KSC
___ Off-Site (Specify location)

FULLY BURDENED DIRECT LABOR RATES

LABOR CLASSIFICATIONS	GFY 2008		GFY 2009		GFY 2010		GFY 2011		GFY 2012	
	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.	S.T. Rate/Hr.	O.T. Rate/Hr.
Aerospace Engineer II										
Aerospace Engineer III										
Chemist II										
Computer Programmer III										
Computer Support Specialist										
Computer Systems Analyst III										
Director										
Director (RTO)										
Electrical Technician I										
Electrical Technician III										
Electrical Technician III (RTO)										
Engineer II										
Engineer II (RTO)										
Engineer III										
Engineer III (RTO)										
Engineer IV										
Engineer V										
Engineering Aide III										
Engineering Aide IV										
Engineering Aide V										
Industrial Engineer III										
Instrument Mechanic										
Machinist (RTO)										
Manager										
Principal Investigator										
Principal Investigator (RTO)										
Project Administrator I										
Project Manager										
Secretary III										
Software Engineer II (RTO)										
Subject Matter Expert										

NAS1003006
File Name: AS-SL-USTDC-Cost-Forms-FPR.xls
( ) Prime Contractor: ASRC
(X) Sub Contractor: Sierra Lobo, Inc.

UNIVERSITY-AFFILIATED SPACEPORT TECHNOLOGY DEVELOPMENT CONTRACT
TASK ORDER PRICING RATE SCHEDULE
FULLY BURDENED DIRECT LABOR RATES
EXCLUDING FEE

Base Period: On-Site KSC

Direct Labor Classification	GFY 2003		GFY 2004		GFY 2005		GFY 2006		GFY 2007	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Aide V										
Millwright										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Senior Principal Investigator										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

Direct Labor Classification	GFY 2008		GFY 2009		GFY 2010		GFY 2011		GFY 2012	
	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr	S.T. $/Hr	O.T. $/Hr
Account Manager										
Sr. Account Manager										
Accountant										
Buyer I										
Buyer II										
Material Expediter										
Chemist I										
Chemist II										
Chemist III										
Computer Programmer I										
Computer Programmer II										
Computer Programmer III										
Multimedia Specialist										
Computer S/A I										
Computer S/A II										
Computer S/A III										
Network Administrator										
Sr. Network Admin.										
Drafter I										
Drafter III										
Drafter III										
Drafter IV										
Engineer I										
Engineer II										
Engineer III										
Engineer IV										
Aerospace Engineer I										
Aerospace Engineer II										
Aerospace Engineer III										
Industrial Engineer I										
Industrial Engineer II										
Industrial Engineer III										
Principal Investigator										
Project Manager										
Q/A Engineer II										
Q/A Engineer III										
Software Engineer I										
Software Engineer II										
Software Engineer III										
Engineering Aide I										
Engineering Aide II										
Engineering Aide III										
Engineering Aide V										
Millwright										
Director										
Illustrator I										
Illustrator II										
Illustrator III										
Config. Cntrl. Specialist										
Sr. Logistician										
Shipping/Receiving Clerk										
Program Manager										
Deputy Program Manager										
Project Administrator I										
Project Administrator II										
Secretary I										
Secretary II										
Secretary III										
Secretary IV										
IT Security Administrator										
Technical Writer										
CS Specialist										
Electrical Technician I										
Electrical Technician II										
Electrical Technician III										
Heavy Equipment Mechanic										
Heavy Equipment Operator										
Instrument Mechanic										
Machinist										
Machine Maint. Mechanic										
Welder										
Word Processor I										
Word Processor II										
Word Processor III										
Senior Principal Investigator										
Institute Director										
Deputy Institute Director										
Professor										
Associate Professor										
Assistant Professor										
Lab Technician										
Clerical Support										
Post-doctoral Assistant										
Gr. Research Assistant										
Undergrad. Student Assist.										

OMB Approval 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
NAS10-03006	1		3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
2	See Block 16C.	PR 4200006540	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
Procurement Office
Kennedy Space Center, Florida 32899

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)

ASRC Aerospace Corporation
6301 Ivy lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(✓) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-03006

10B. DATED (SEE ITEM 13) 02-10-03

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase in Obligation Amount of $2,208,012

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 52.232-22 Limitation of Funds, Contract Clause B.2 Contract Value, Award Fee, and Incentive Fee; and Mutual Agreement of the Parties
	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.)

1. The purpose of this modification is to add incremental funding adequate to extend undefinitized contract actions (UCA) Task Orders 0001 and 00134 by an additional 30 days and to make other miscellaneous changes to the contract as identified below.

(See Continuation Page)

Except at 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)
DENNIS R WEAVER DIR. BUS. MGT.	John M. Vondenhuevel

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/24/2003	BY (Signature of Contracting Officer)	4-24-03

2. This modification adds funding to the contract in the amount of $2,208,012 for a total contract obligation amount of $6,542,279. The funding is considered to be adequate for contract performance through May 30, 2003. Contract value is also increased by $2,208,012 to reflect the estimated cost and fee for work during the initial 90-day period of contract performance as authorized under Task Orders 0001 and 00134, the contents of which are incorporated herein by reference.

3. The contract is further amended as follows:

a. Section H, clause H.2 Special 8(a) Contract Conditions (FAR 52.219-11) (Feb 1990), paragraph (a) is amended to reflect a change in the cognizant SBA District Office.

b. Section H, clause H.18 Work For Others, paragraph F.10, is amended to correct an erroneous reference to other paragraphs within the clause.

c. Section J, Table of Contents, is amended to incorporate a new contract attachment J-9, DD 254 Contract Security Classification Specification.

d. Section J, Attachment J-1 Appendix A is amended to remove the requirement for DRD 016, Information Technology (IT) Plan and to remove the reference to the "Draft" Performance Surveillance and Award Fee Plan from DRD 002 Internal Surveillance Plan. The reference should be to the contract Performance Surveillance and Award Fee Plan, contract attachment J-3.

e. Section J, Attachment J-1 Appendix B, is amended to add NPG 6200.1A NASA Transportation and General Traffic Management to the list of contract applicable documents.

f. Section J, Attachment J-3, USTDC Performance Surveillance and Award Fee Plan, paragraph IV.B., is amended to clarify the methods utilized to inform the Contractor of changes in specific metrics or directed areas of emphasis. The language is being amended to allow either revision to the Performance Surveillance and Award Fee Plan or other written communications to convey changes to the Contractor.

4. All other terms and conditions of the contract remain unchanged.

5. The following page changes shall be made to the contract to incorporate the above modifications:

Sections A through J

Replace page 5 with the attached revised page 5.
Replace page 7 with the attached revised page 7.
Replace page 8 with the attached revised page 8.
Replace page 13 with the attached revised page 13.
Replace page 33 with the attached revised page 33.
Replace page 48 with the attached revised page 48.
Replace page 62 with the attached revised page 62.

Section J, Attachment J-1, Appendix A

Replace page 3 with the attached revised page 3.
Replace page 5 with the attached revised page 5.
Replace page 6 with the attached revised page 6.
Replace page 24 with the attached revised page 24.

Section J, Attachment J-1, Appendix B

Replace page 2 with the attached revised page 2.

Section J, Attachment J-3

Replace page 10 with the attached revised page 10.

Section J, Attachment J-9

Insert attached DD Contract Security Classification Specification (DD 254).

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$6,542,279
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Table B-2

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating
Base Period					
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3

Incentive Fee

Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned-to-Date***
Base Period			
03/01/03 to 9/30/07			
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	Contract Value
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
2				$2,208,012	5/30/2003	$2,208,012
Total Amount				$6,542,279	5/30/2003	$6,542,279

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

i. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

CLAUSE NUMBER	DATE	TITLE
1852.204-74	MAY 2002	CENTRAL CONTRACTOR REGISTRATION
1852.223-70	APR 2002	SAFETY AND HEALTH
1852.223-74	MAR 1996	DRUG- AND ALCOHOL-FREE WORKFORCE
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.225-70	FEB 2000	EXPORT LICENSES Insert in Paragraph (b): Kennedy Space Center and Cape Canaveral Air Force Station, FL
1852.228-72	SEP 1993	CROSS-WAIVER OF LIABILITY FOR SPACE SHUTTLE SERVICES
1852.228-76	DEC 1994	CROSS-WAIVER OF LIABILITY FOR SPACE STATION ACTIVITIES
1852.228-78	SEP 1993	CROSS-WAIVER OF LIABILITY FOR NASA EXPENDABLE LAUNCH VEHICLE (ELV) LAUNCHES
1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE II) (OCT 2000)
1852.246-70	MAR 1997	MISSION CRITICAL SPACE SYSTEMS PERSONNEL RELIABILITY PROGRAM

H.2 SPECIAL 8(a) CONTRACT CONDITIONS (FAR 52.219-11) (FEB 1990) (DEVIATION)

(a) This contract is issued as a direct award between the contracting activity and the 8(a) contractor pursuant to a Memorandum of Understanding between the Small Business Administration (SBA) and the National Aeronautics and Space Administration. Accordingly, the SBA is not a party to this contract. SBA does retain responsibility for 8(a) certification, 8(a) eligibility determinations and related issues, and providing counseling and assistance to the 8(a) contractor under the 8(a) program. The cognizant SBA district office is:

U.S. Small Business Administration
Alaska District Office
510 L Street, Suite 310
Anchorage, AK 99501

distribute, and prepare derivative works for any of its own purposes whatsoever.

6. Disclaimer of Liability:
Notwithstanding the above, NASA shall not be restricted in, nor incur any liability for, the disclosure and use of Data not identified with a suitable notice or legend as set forth in paragraph 3 above. Information contained in any data for which disclosure and use is restricted under paragraphs 2 and 3 above, if such information is or becomes generally known without breach of the above, is known to or is generated by NASA independently of carrying out NASA's responsibilities in support of Work for Others, is rightfully received from a third party without restriction, or is included in data which the Contractor and/or other party(s) has, or is required to furnish to the U.S. Government without restriction on disclosure and use.

7. Data Subject to Export Control:
Technical data, whether or not specifically identified or marked, that is subject to the export control laws and regulations of the United States and that is provided to the Contractor and/or other party(s) in support of Work for Others will be treated as such, and will not be further provided to any foreign persons without proper U.S. Government authorization, where required.

8. NASA Inventions:
NASA will use reasonable efforts to report inventions made by NASA employees as a consequence of the performance of specified NASA activities in support of Work for Others. Upon request, NASA will use reasonable efforts to grant the Contractor and/or other party(s), in accordance with the requirements of 37 CFR Part 404 an exclusive, irrevocable, royalty-free license, except for the repayment of U.S. Government prosecution costs, on terms to be subsequently negotiated to any NASA invention that may be in support of Work for Others and on which NASA decides to file a patent application. This license will be subject to the rights reserved in paragraph 10, below.

9. Joint Inventions with Contractor and/or other party(s):
NASA and the Contractor and/or other party(s) agree to use reasonable efforts to identify and report to each other any inventions made jointly between NASA employees and employees of the Contractor and/or other party(s). Upon request, NASA will agree to refrain from exercising its undivided interest in a manner inconsistent with the Contractor and/or other party(s) commercial interests and to cooperate with the Contractor and/or other party(s) in obtaining patent protection on the Contractor and/or other party(s) undivided interest, subject to the applicable rights reserved in paragraph 10, below.

10. Rights to be Reserved in the Contractor and/or Other Party(s) License:
Any license granted to the Contractor and/or other party(s) pursuant to paragraphs 8 or 9 above will be subject to the reservation of the following rights:

SECTION J - LIST OF ATTACHMENTS

Document		Pages
J-1	University-affiliated Spaceport Technology Development Contract (USTDC) Performance Work Statement, dated March 1, 2003	20
J-1	Appendix A, Data Requirements List/Data Requirements Descriptions	32
J-1	Appendix B, Applicable Documentation List	2
J-1	Appendix C, Facilities and Laboratory List	2
J-2	Installation Provided Property List	44
J-3	USTDC Performance Surveillance and Award Fee Plan	14
J-4	Safety and Health Plan	27
J-5	Task Order Pricing Rate Schedule	
	J-5A, ASRC Aerospace Rates	4
	J-5B, Swales Aerospace Rates	2
	J-5C, Sierra Lobo Rates	4
	J-5D, University of Florida Rates	4
J-6	SCA Wage Determination	10
J-7	Pension Plan (to be incorporated after contract award)	**TBD**
J-8	ASRC USTDC Investment Profile	5
J-9	USTDC Contract Security Classification Specification (DD 254)	2

DATA REQUIREMENTS LIST

NUMBER:	REVISION

PROJECT/SYSTEM
University-affiliated Spaceport Technology Development Contract

CONTRACT NUMBER	PREPARATION DATE 6/21/02
CONTRACTOR	TECHNICAL APPROVAL
ATTACHMENT NUMBER	EXHIBIT NUMBER

ITEM NO.	TITLE	CHANGE STATUS
1	Emergency Preparedness Plan	
2	Internal Surveillance Plan	
3	Internal Surveillance Report	
4	Task Order Plan	
5	Contractor Financial Management Report (NASA Form 533 Series)	
6	Management Plan	
7	Safety and Health Plan	
8	Information Technology (IT) Security Plan	
	Security Plan	
	Risk Management Plan	
11	Technology Outreach Plan	
12	Quality Management System Plan	
13	Motor Vehicle Utilization Plan	
14	Technology Transfer Plan	
15	Export Control Plan	
16	Reserved	
17	Equal Employment Opportunity Report	
18	Technology Transfer Report	
19	Safety Statistics Report	
20	Pressure Vessel/System Certification Report	
21	Government-Industry Data Exchange Program (GIDEP) Alert System Report	
22	Headcount Report	

SC FORM 16-245 (REV 1/82)

DATA REQUIREMENT

CONTRACT APPLICATION INFORMATION FOR DRL USTDC Page 1 of 2

A. ITEM NO.
002

LINE ITEM TITLE:

Internal Surveillance Plan

C. OPR.	D. TYPE	E. INSPECT/	F. FREQ.	G. INITIAL SUB.	H. AS OF DATE
YA-A	1	3	AR	See Block J	See Block J

J. REMARKS:

The Contractor shall submit a preliminary Internal Surveillance Plan with its proposal. The final, detailed plan shall be submitted for approval by the Contracting Officer within 30 days after contract start. The plan shall be maintained throughout the life of the contract.

K. DISTRIBUTION

YA-A (CTM) (1) YA-D (1)
OP-OS (CO) (1) YA-E (1)
YA-B (1) YA-F (1)
YA-C (1)

TOTALS NO.	TYPE
7	A

DATA REQUIREMENT DESCRIPTION

1. Internal Surveillance Plan

2. NUMBER

3. USE
The plan describes the integrated method of internal surveillance, including proposed internal processes, controls, metrics, and procedures that it considers critical to assure technical, managerial, cost control, and schedule performance.

4. DATE

5. ORGANIZATION
KSC/YA

7. INTERRELATIONSHIP
DRD003

6. REFERENCES

8. Preparation Information

In accordance with the Performance Surveillance and Award Fee Plan, identify and describe the key performance indicators (metrics) and associated standards to be used internally to improve the quality of products and services provided, and also by the Government to periodically assess contract performance, in each of the following critical areas:

- Safety, Reliability and Quality Assurance
- Task Order Performance
- Milestone performance
- Cost Performance / Control
- Technology Reporting
- University affiliation participation
- Technology Outreach

(See continuation sheet)

Block 8. Preparation Information Continued.

Describe how metrics, both contract level and those required by specific Task Orders, will be collected and validated. Describe how the metrics data will be reported to the Government, or otherwise available for NASA review and insight.
Discuss your approach to surveillance and/or measurement of other significant areas of contractor performance, such as, but not limited to:

- Business Management Systems
- Customer Satisfaction
- Resource Management
- Records Management
- Reporting / Deliverables
- Environmental
- Continuous Improvement
- ISO9001:2000 compliance
- VPP compliance
- Equal Opportunity
- Quality & Reliability
- Risk Management
- Labor Relations
- Technology Awards
- Commercialization
- Effectiveness of Outreach program
- Procurement Performance Metrics
- Small Business Subcontracting
- Property and Supply Management
- Customer Complaints
- Housekeeping

In accordance with the Performance Surveillance and Award Fee Plan, for each contract level metric proposed, define a measurable standard of performance (SOP) that reflects exemplary performance (deserving of a rating of 95), and an Acceptable Quality Level (AQL) that reflects satisfactory performance (deserving a rating of 65).

When standards of performance and/or acceptable quality levels cannot be defined adequately, trend metrics may also be proposed to provide insight into performance. If an area of performance is not readily quantifiable, or if the effort and/or cost of measurement cannot be justified other, more qualitative surveillance techniques may be proposed.

Describe your approach to providing and presenting a Internal Surveillance Report (Self Assessment) of contractor performance per the PWS and DRD003.

Note: The Performance Surveillance and Award Fee Plan will be updated after contract award to reflect the agreed metrics and standards.

RESERVED

NPD 1440.6F	NASA Records Management
'D 2210.1A	External Release of NASA Software
NPD 2810.1	Security of Information Technology
NPD 2820.1	NASA Software Policies
NPD 4200.1A	Equipment Management
NPD 7120.4B	Program/Project Management
NPD 7500.2	NASA Technology Commercialization Policy
NPD 8700.1	NASA Policy for Safety and Mission Success
NPD 8700.2	Policy for Safety and Mission Assurance (SMA) for Experimental Aerospace Vehicles (EAV)
NPD 8710.2C	NASA Safety and Health Program Policy
NPD 8710.5	NASA Safety Policy for Pressure Vessels and Pressurized Systems
NPD 8720.1	NASA Reliability and Maintainability Program Policy
NPD 8730.3	NASA Quality Management System Policy (ISO 9000)
NPD 9501.1G	NASA Contractor Financial Management Reporting System
NPG 1441.1C	NASA Records Retention Schedules
NPG 2810.1	Security of Information Technology
G 4200.1E	NASA Equipment Management Manual
NPG 4200.2B	Equipment Management Manual for Property Custodians
NPG 7120.5A	NASA Program and Project Management Processes and Requirements
NPG 7500.1	NASA Technology Commercialization Process
NPG 8000.4	Risk Management Procedures and Guidelines
NPG 8621.1	NASA Procedures and Guidelines for Mishap Reporting, Investigating, and Recordkeeping
NPG 8715.3	NASA Safety Manual
NPG 8735.1	Procedure for Exchanging Parts, Materials, and Safety Problem Data Utilizing the Government-Industry Data Exchange Program and NASA Advisories
NPG 8820.2C	Facility Project Implementation Handbook
NPG 9501.2D	NASA Contractor Financial Management Reporting
NSTS 22206	Requirements for Preparation and Approval of Failure Modes and Effects
NSTS 22254	Methodology for Conduct of Space Shuttle Program Hazard Analysis
SSP 50004	Ground Support Equipment Design Requirements
NPG 6200.1A	NASA Transportation and General Traffic Management

Task Order Managers, the CTM will collect metrics contract wide for consideration in the award fee evaluation.

IV. Award Fee Evaluation

Award fee determinations will be based on both objective contractor provided performance metrics and subjective judgments by the Government of the contractor's performance using the surveillance tools, procedures and evaluation criteria as specified in this Performance Surveillance and Award Fee Plan.

For the purpose of award fee determinations on this contract, the procedures indicated below will be followed.

A. General

Award fee will be determined annually by the Fee Determination Official (FDO) who is Chairperson of the Contract Award Fee Board (CAFB). The CAFB is comprised of the FDO, the Spaceport Engineering and Technology Director, other line management directors, the Director of Safety and Mission Assurance, the Procurement Officer or Deputy, and the NASA/KSC Chief Financial Officer or designee.

The award fee will be determined based upon a review by the CAFB of the consolidated recommendation prepared by the Contract Technical Manager (CTM), the Contracting Officer (CO), and the Contractor's additional data, if any.

The CTM will be the focal point for the accumulation and development of award fee evaluation reports, reviews, and presentations as well as discussions with Contractor management on award fee matters.

B. Evaluation Criteria

Evaluation criteria encompass the safety, quality, timeliness, efficiency, and cost effectiveness of the Contractor's performance of contract requirements, as detailed in this plan. Any changes to the specific metrics or other areas of directed emphasis will be identified and communicated to the Contractor at least fifteen (15) days prior to the start of the evaluation period by revision of this plan or by other written communication.

The CO or CTM may notify the Contractor at a later date of alterations in areas of emphasis (including additions or deletions). Such alterations will be prospective and will allow the Contractor time to react or implement the alterations.

C. Reviews

The Contractor's performance will be reviewed in the manner described below.

1. Concurrent Reviews

Contractor performance levels which require remedial attention or which may be expected to adversely affect award fee ratings will be made known to the Contractor by the CTM (either orally or in writing) on a current basis, as necessary.

DEPARTMENT OF DEFENSE
CONTRACT SECURITY CLASSIFICATION SPECIFICATION

(The requirements of the DoD Industrial Security Manual apply to all aspects of this effort)

1. CLEARANCE AND SAFEGUARDING
a. FACILITY CLEARANCE REQUIRED: SECRET
b. LEVEL OF SAFEGUARDING REQUIRED: NONE

2. THIS SPECIFICATION IS FOR: *(X and complete as applicable)*
- [X] a. PRIME CONTRACT NUMBER: NAS10-03006
- [ ] b. SUBCONTRACT NUMBER
- [ ] c. SOLICITATION OR OTHER NUMBER — Due Date *(YYMMDD)*

3. THIS SPECIFICATION IS: *(X and complete as applicable)*
- [X] a. ORIGINAL *(Complete date in all cases)* — Date *(YYMMDD)*: 030210
- [ ] b. REVISED *(Supersedes all previous specs)* — Revision No. — Date *(YYMMDD)*
- [ ] c. FINAL *(Complete item 5 in all cases)* — Date *(YYMMDD)*

4. IS THIS A FOLLOW-ON CONTRACT? [ ] YES [X] NO. If Yes complete the following

Classified material received or generated under _____ *(Preceding Contract Number)* is transferred to this follow-on contract

5. IS THIS A FINAL DD FORM 254? [ ] YES [X] NO. If Yes complete the following

In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____.

6. CONTRACTOR *(Include Commercial and Government Entity (CAGE) Code)*

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE *(Name, Address, and Zip Code)*
ASRC AEROSPACE CORPORATION 6301 IVY LANE GREENBELT, MD 20770	1CZZ9	DEFENSE SECURITY SERVICE 938 ELKRIDGE LANDING ROAD LINTHICUM, MD 21090-2917

7. SUBCONTRACTOR

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICES *(Name, Address, and Zip Code)*

8. ACTUAL PERFORMANCE

a. LOCATION	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE *(Name, Address, and Zip Code)*
KSC and CCAFS, FL		*DEFENSE SECURITY SERVICE* *P.O. BOX 254036* *PATRICK AFB, FL 32925-0036*

9. GENERAL IDENTIFICATION OF THIS PROCUREMENT

Provide research and engineering resources and products to the Spaceport Engineering and Technology Directorate.

10. THIS CONTRACT WILL REQUIRE ACCESS TO:	YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION	[ ]	[X]	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	[X]	[ ]
b. RESTRICTED DATA	[ ]	[X]	b. RECEIVE CLASSIFIED DOCUMENTS ONLY	[ ]	[X]
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION	[ ]	[X]	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	[ ]	[X]
d. FORMERLY RESTRICTED DATA:	[ ]	[X]	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	[ ]	[X]
e. INTELLIGENCE INFORMATION:			e. PERFORM SERVICES ONLY	[ ]	[X]
(1) Sensitive Compartmented Information (SCI)	[ ]	[X]	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	[ ]	[X]
(2) Non-SCI	[ ]	[X]	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	[ ]	[X]
f. SPECIAL ACCESS INFORMATION	[ ]	[X]	h. REQUIRE A COMSEC ACCOUNT	[ ]	[X]
g. NATO INFORMATION	[ ]	[X]	i. HAVE A TEMPEST REQUIREMENT	[ ]	[X]
h. FOREIGN GOVERNMENT INFORMATION	[ ]	[X]	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	[ ]	[X]
i. LIMITED DISSEMINATION INFORMATION	[ ]	[X]	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	[ ]	[X]
j. FOR OFFICIAL USE ONLY INFORMATION	[ ]	[X]	l. OTHER *(Specify)*.	[ ]	[X]
k. OTHER *(Specify)*	[ ]	[X]			

PUBLIC RELEASE. Any information *(classified or unclassified)* pertaining to this contract shall not be released for public dissemination except as provided by the industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public release shall be submitted for approval prior to release

☐ Direct ☒ Through *(Specify)*:

John F. Kennedy Space Center
Attn: XA-A
Kennedy Space Center, FL 32899

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review.
*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. *(Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any document/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.*

The STS Security Classification Guide, current and subsequent versions, shall be part of this contract. Guide will be provided under separate cover.

Additional classification guidance will be provided as required under separate cover

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract. *(If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)* ☒ Yes ☐ No

ong term visitor to NASA/KSC the contractor will comply with all applicable security issuances

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. *(If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.* ☒ Yes ☐ No

Inspection cognizance of activities at the Kennedy Space Center is the responsibility of NASA/KSC Protective Services Branch.

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL	b. TITLE	c. TELEPHONE *(Include Area Code)*
Jo Ann Brophy	Industrial Security Program Manager	(321) 867-2453

d. ADDRESS *(Include ZIP Code)*
NASA/KSC
ATTN; TA-E2
KENNEDY SPACE CENTER, FL 32899

e. SIGNATURE
Jo Ann Brophy

17. REQUIRED DISTRIBUTION
- ☒ a. CONTRACTOR
- ☐ b. SUBCONTRACTOR
- ☒ c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR
- ☐ d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION
- ☒ e. ADMINISTRATIVE CONTRACTING OFFICER
- ☒ f. OTHERS AS NECESSARY XA-A

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
NAS1003006	1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
1	See Block 16c	MR031078	

6. ISSUED BY CODE OP-OS

NASA/John F. Kennedy Space Center
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)*

ASRC Aerospace Corporation
6301 Ivy Lane, Suite 300
Greenbelt, Maryland 20770

CODE 1CZZ9 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1003006

10B. DATED *(SEE ITEM 13)* 02-10-03

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. Offer 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 ACKNOWLEDGMENT 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)*
MR031078- Increase in obligation of $4,334,267

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: *(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)*
FAR 52.232-22 Limitation of Funds and Contract Clause B.2 Contract Value, Award Fee, and Incentive Fee

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.)*

1. This modification adds funding to the contract in the amount of $4,334,267. The funding is considered to be adequate for contract performance through April 30, 2003. Contract value is also increased by $4,334,267 to reflect the estimated cost and fee for work during the initial 60 day period of contract performance as authorized under Task Order 0001, the contents of which is incorporated herein by reference.

(See Continuation 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 SIGNER (Type or print)	
		John M. Vondenhuevel	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ *(Signature of person authorized to sign)*		BY _____ *(Signature of Contracting Officer)*	2-28-03

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

2. The contract is specifically amended as follows:

a) Replace page 5 with the attached revised page 5.
b) Replace page 7 with the attached revised page 7.
c) Replace page 8 with the attached revised page 8.
d) Replace page 13 with the attached revised page 13.

B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

(a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, Contract Value. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, Adjusted Target Cost & Award Fees. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, Incentive Fee.

Table B-1

Contract Value

Contract Period	Estimated Cost*	Award Fee**	Incentive Fee***	Contract Value
Base Period				
03/01/03 to 9/30/07	(b)(4)			$4,334,267
Option 1				
10/01/07 - 9/30/08				
Option 2				
10/01/08 - 9/30/09				
Option 3				
10/01/09 - 9/30/10				
Option 4				
10/01/10 - 9/30/11				
Option 5				
10/01/11 - 9/30/12				
Totals:				

*Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

**Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

*** Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

Adjusted Target Cost & Award Fees

Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee**	Score	Rating
Base Period					
CY1 Award to 9/30/03					
CY2 10/01/03 - 9/30/04					
CY3 10/01/04 - 9/30/05					
CY4 10/01/05 - 9/30/06					
CY5 10/01/06 - 9/30/07					
Option 1					
CY6 10/01/07 - 9/30/08					
Option 2					
CY7 10/01/08 - 9/30/09					
Option 3					
CY8 10/01/09 - 9/30/10					
Option 4					
CY9 10/01/10 - 9/30/11					
Option 5					
CY10 10/01/11 - 9/30/12					

*Adjusted target cost equals the sum of the adjusted target costs for all task orders issued within each contract year.

**AAF equals the sum of the AAF for all task orders issued within each contract year.

Table B-3			
Incentive Fee			
Contract Period	**Available Incentive Fee***	**Completed WFO****	**Incentive Fee Earned-to-Date*****
Base Period			
03/01/03 to 9/30/07			
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals:			

* Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

** Equals sum of all WFO completed during the contract period.

*** Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds will cover, are specified in Table B-4.

Table B-4

Contract Mod#	CONTRACT FUNDING					Contract Value
	Estimated Cost	Award Fee	Incentive Fee	Total Cost & Fee	Adequate through date	
1	(b)(4)			$4,334,267	4/30/2003	$4,334,267
Total Amount				$4,334,267	4/30/2003	$4,334,267