

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 6

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 07/31/2007		2. CONTRACT NO. (if any) NNL05AA01B		6. SHIP TO:	
3. ORDER NO. NNL07AD44T		4. REQUISITION/REFERENCE NO. 4200213328		a. NAME OF CONSIGNEE NASA/ Langley Research Center	
5. ISSUING OFFICE (Address correspondence to) NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199				b. STREET ADDRESS	
7. TO: [REDACTED]		c. CITY Hampton		d. STATE VA	e. ZIP CODE 23681-2199
a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTL CORP				f. SHIP VIA	
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS 10260 CAMPUS POINT DR				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY SAN DIEGO		e. STATE CA	f. ZIP CODE 92121-1522		
9. ACCOUNTING AND APPROPRIATION DATA PR 4200213328				10. REQUISITIONING OFFICE NASA/Langley Research Center	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					12. F.O.B. POINT Destination
<input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 02/29/2008	
a. INSPECTION Destination	b. ACCEPTANCE Destination			16. DISCOUNT TERMS nt30	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
001	INCO TERMS 1: FOB INCO TERMS 2: DESTINATION Earth Sciences Decadal Survey Cost Assessment Continued ...				49,245.00	

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
SEE BILLING INSTRUCTIONS ON REVERSE	a. NAME NASA/Langley Research Center				\$49,245.00	17(i) GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box) Financial Management Division M/S 175					
	c. CITY Hampton	d. STATE VA	e. ZIP CODE 23681-2199		\$49,245.00	

22. UNITED STATES OF AMERICA
BY (Signature)

23. NAME (Typed)
Anthony Kram
TITLE: CONTRACTING/ORDERING OFFICER

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 347 (Rev. 3/2005)
Prescribed by GSA/FAR 48 CFR 53.213(a)

**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

PAGE OF PAGES

2 6

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 07/31/2007
CONTRACT NO. NNL05AA01B

ORDER NO. NNL07AD44T

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	<p>Task Order entitled "Earth Sciences Decadal Survey Cost Assessment" in accordance with the attached task description and the contractor's proposal dated 07/12/2007. *NOTE: This Task Order is subject to FAR 52.232-22, Limitation of Funds. The Contractor is only authorized to incur up to the cost limitation set forth in the summary of changes.</p> <p>ESTIMATED COST: ██████████ ESTIMATED FEE: ██████████ *TOTAL COST-PLUS-FIXED FEE:\$49,245.00</p> <p>Acknowledge receipt and acceptance of subject Task Order by signing below and returning to the address in Block 5:</p> <p><u>Robin Amburn Grob, Contracts Mgr.</u> (Printed Name) (Title)</p> <p><u>Robin Amburn Grob 8/2/07</u> (Signature) (Date)</p>					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

TASK ORDER SUMMARY

1. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 applies at the Task Order level. In accordance with this clause, NFS 1852.232-81 is incorporated as follows:

"CONTRACT FUNDING, (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Task Order is [REDACTED]. This allotment is for this task order and covers the following estimated period of performance: 1 August 2007 through 29 February 2008.

(b) An additional amount of [REDACTED] is obligated under this Task Order for payment of fee.

(End of Clause)"

2. Perform tasks in accordance with the statement of work titled "Earth Sciences Decadal Cost Assessment."

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	ESTIMATED COST	FIXED FEE	TOTAL CPFF
BASE	[REDACTED]	[REDACTED]	\$49,245	[REDACTED]	[REDACTED]	\$49,245

NOTE: Period of performance for this task order is 1 August 2007 through 29 February 2008.

Contract NNL05AA01B
Task Order Statement of Work

1. **Task Order Title:** Earth Sciences Decadal Survey Cost Assessment
2. **Contractual References:** ██████████ (Contract NNL05AA01B)

2.1 **Statement of Work Reference:**

2.2 **Potential Conflict of Interest Reference:** In support of this task order, the contractor:

- shall be required to evaluate proposed missions or sections of proposed missions. (Potential OCI Type: Impaired Objectivity.)
- may have access to proprietary information and various other types of non-public data. (Potential OCI type: Unequal Access to Information.)

As described in NASA FAR Supplement (NFS) 1852.209-71 (Clause H.11, Limitation of Future Contracting, contained in contract NNL05AA01B), this work may give rise to a potential conflict of interest. Therefore, the contractor shall comply with Clause H.17, Access to Sensitive Information (NFS 1852.237-72); Exhibit D, Organizational Conflict of Interest Avoidance Plan, contained in contract NNL05AA01B, and the task-specific Organizational Conflict of Interest (OCI) Plan incorporated as Attachment 2 to this order.

3. **Purpose, Objective, and Background of Work to be Performed:**

- 3.1 The purpose of this task order is to provide cost assessment support for evaluation of Earth Sciences Decadal Survey mission candidates. Provide an Independent Cost Estimate (ICE) for mission concepts and provide documentation of these activities. The contractor shall provide the necessary senior personnel to perform this effort. The period of performance is July 30, 2007 through February 29, 2008.

4. **Description of the Work to be Performed:** The Contractor shall perform the following task requirements: The tentative schedule for each activity is shown in section 8.

- 4.1 The contractor shall perform Independent Cost Estimates (ICE) for up to ██████ missions, which are described in the 2007 Earth Sciences Decadal Survey report. The ICEs will serve as validation of another contractor's Probabilistic Cost Analyses of the same missions.
- 4.2 The contractor shall maintain the communications necessary with the Probabilistic Cost Analysis contractor to facilitate validation.
- 4.3 The contractor shall be responsible for integrating the results of the Probabilistic Cost Analysis contractor and the results of all ICE validations (the contractors' or any other).

- 4.4 The contractor shall provide an [REDACTED] to support 2 meetings at NASA Headquarters, the first to report the results for the first mission to be examined with the Probabilistic Cost Analysis and validated with ICEs, and the second for a final report.
 - 4.5 The contractor shall provide a Report following completion of the first mission to be examined with the [REDACTED] and validated with ICEs and a Final Report following completion of all the requested Probabilistic Cost Analyses and ICE validations.
 - 4.6 The contractor shall provide interim results from the analyses and validations and incorporate feedback into the subsequent and final versions. The contractor shall support required status teleconferences, as needed.
5. **Deliverables:** The contractor shall provide the following deliverables specific to this task order. These are in addition to the deliverables specified in the basic contract. (Refer to Paragraph 8, Milestone Chart for delivery dates on task order specific deliverables.)
- 5.1 Activity Report
 - 5.2 Presentation on First Mission examined
 - 5.3 Report on the First Mission examined
 - 5.4 Presentation on all Missions examined
 - 5.5 Report on the all Missions examined
 - 5.6 Task Completion Memo and Final Report

6. **Government Furnished Items:** None

7. **Other Information Needed for Task Performance:**

8. **Period of Performance/Schedule:**

Event Number	SOW Paragraph	Milestones	Dates	Deliverable
1	*	Start Date	[REDACTED]	N/A
2	4.4, 5.2	First Mission Results Meeting	[REDACTED]	Presentation
3	4.5, 5.3	First Mission Results Reports	[REDACTED]	Document
4	4.4, 5.4	All Mission Results Meeting	[REDACTED]	Presentation
5	4.5, 5.5	All Mission Results Report	[REDACTED]	Document
6	5.6	Task Completion Memo and Final Report	[REDACTED]	Memo and Final Report
6	*	Task Finish	[REDACTED]	N/A

Changes to interim event dates may change based on direction of the Task Monitor. Changes to the completion date must be approved by the Contracting Officer.

9. NASA Task Management:

Task Manager (TM)

NASA TM: Waldo J. Rodriguez

Mail Stop (M/S): 160 Science Support Office

Phone Number: (757)-864-8924 / Fax Number: (757) 864-8894

E-Mail Address: w.j.rodriguez@nasa.gov

10. Concurrences and Approval

2. AMENDMENT/MODIFICATION NO. 000001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) 1 2
6. ISSUED BY NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199	CODE LARC	7. ADMINISTERED BY (If other than Item 6) NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199	CODE LARC

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SCIENCE APPLICATIONS INTL CORP Attn: ██████████ 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL07AD44T
CODE	FACILITY CODE	10B. DATED (SEE ITEM 11) 07/31/2007

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A

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

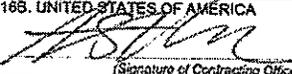
CHECK ONE X	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 52.243-2 CHANGES COST REIMBURSEMENT (AUG 1987)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such 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 _____ 0 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is extend the period of performance in accordance with the summary of changes.

All other terms and conditions remain unchanged.

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) Anthony Kram
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
	16C. DATE SIGNED 02/26/2008

TASK ORDER SUMMARY

1. The period of performance is extended from 29 February 2008 to 30 September 2008 at no additional cost to the Government due to delays in receiving data required for the analysis.
2. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 applies at the Task Order level. In accordance with this clause, NFS 1852.232-81 is incorporated as follows:

"CONTRACT FUNDING, (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Task Order is [REDACTED]. This allotment is for this task order and covers the following estimated period of performance: 1 August 2007 through 30 September 2008.

(b) An additional amount of [REDACTED] is obligated under this Task Order for payment of fee.

(End of Clause)"

3. All other terms and conditions remain unchanged.

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	ESTIMATED COST	FIXED FEE	TOTAL CPFF
BASE	[REDACTED]	[REDACTED]	\$49,245	[REDACTED]	[REDACTED]	\$49,245
MOD 01	[REDACTED]	[REDACTED]	\$49,245	[REDACTED]	[REDACTED]	\$49,245

NOTE: Period of performance for this task order is 1 August 2007 through 30 September 2008.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

000002

See Block 16C

N/A

6. ISSUED BY

CODE

LARC

7. ADMINISTERED BY (If other than Item 6)

CODE

LARC

NASA/Langley Research Center
9B Langley Blvd., Bldg. 1195B
M/S 126
Hampton VA 23681-2199

NASA/Langley Research Center
9B Langley Blvd., Bldg. 1195B
M/S 126
Hampton VA 23681-2199

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

SCIENCE APPLICATIONS INTL CORP
Attn: [REDACTED]
10260 CAMPUS POINT DR
SAN DIEGO CA 92121-1522

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X

10A. MODIFICATION OF CONTRACT/ORDER NO.

NNL05AA01B

NNL07AD44T

10B. DATED (SEE ITEM 13)

07/31/2007

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

Net Decrease:

-\$46,253.00

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

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

IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

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

The purpose of this modification is to:

- 1) [REDACTED]; and
- 2) Deobligate excess funds in accordance with the summary of changes.

All other terms and conditions remain unchanged.

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)

Robin Amburn Grob, Contracts Manager

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Anthony Kram

15B. CONTRACTOR/OFFEROR

Robin Amburn Grob
(Signature of person authorized to sign)

15C. DATE SIGNED

9/26/08

16B. UNITED STATES OF AMERICA

[Signature]
(Signature of Contracting Officer)

16C. DATE SIGNED

09/24/2008

NSN 7540-01-152-8070
Previous edition unusable

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

SUMMARY OF CHANGES

1. The allowable fee is [redacted] from [redacted] to [redacted].
[redacted]
[redacted]
[redacted]

2. Excess funds in the amount of \$46,253 are deobligated from this order due to the performance has ended. Total task order value is reduced from \$49,245 to \$2,992. Value and funding amounts are listed in the chart below.

3. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 applies at the Task Order level. In accordance with this clause, NFS 1852.232-81 is incorporated as follows:

"CONTRACT FUNDING, (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Task Order is [redacted]. This allotment is for this task order and covers the following estimated period of performance: 1 August 2007 through 30 September 2008.

(b) An additional amount of [redacted] is obligated under this Task Order for payment of fee.

(End of Clause)"

4. All other terms and conditions remain unchanged.

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	ESTIMATED COST	FIXED FEE	TOTAL CPFF
BASE	[redacted]	[redacted]	\$49,245	[redacted]	[redacted]	\$49,245
MOD 01	[redacted]	[redacted]	\$49,245	[redacted]	[redacted]	\$49,245
MOD 02	[redacted]	[redacted]	\$2,992	[redacted]	[redacted]	\$2,992

NOTE: Period of performance for this task order is 1 August 2007 through 30 September 2008.