

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 7

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

1. DATE OF ORDER 09/10/2008	2. CONTRACT NO. (If any) NNL05AA01B	6. SHIP TO: a. NAME OF CONSIGNEE NASA/ Langley Research Center
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3. ORDER NO. NNL08AC93T	4. REQUISITION/REFERENCE NO. 4200266812	b. STREET ADDRESS
----------------------------	--	-------------------

5. ISSUING OFFICE (Address correspondence to) NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199		c. CITY Hampton	d. STATE VA	e. ZIP CODE 23681-2199
--	--	--------------------	----------------	---------------------------

7. TO: [REDACTED]	f. SHIP VIA
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a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTL CORP	b. COMPANY NAME	8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY
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c. STREET ADDRESS 10260 CAMPUS POINT DR	REFERENCE YOUR:	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.
d. CITY SAN DIEGO	e. STATE CA	

f. ZIP CODE 92121-1522	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.
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9. ACCOUNTING AND APPROPRIATION DATA PR 4200266812	10. REQUISITIONING OFFICE NASA/Langley Research Center
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11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED	12. F.O.B. POINT Destination
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13. PLACE OF a. INSPECTION Destination	b. ACCEPTANCE Destination	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 07/31/2009	16. DISCOUNT TERMS NT30
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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 SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation Continued ...				2,147,335.00	

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(f) TOTAL (Cont. pages)
21. MAIL INVOICE TO: a. NAME NSSC Shared Services Center			
b. STREET ADDRESS (or P.O. Box) Financial Management Division (FMD) Accounts Payable Bldg 1111, C. Road			\$2,147,335.00
c. CITY Stennis Space Center			17(g) GRAND TOTAL
d. STATE MS			
e. ZIP CODE 39529			\$2,147,335.00

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) Anthony Kram TITLE: CONTRACTING/ORDERING OFFICER
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AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 347 (Rev. 3/2005)
Prescribed by USA-FAR at CFR 53.215(e)

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

PAGE OF PAGES

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

DATE OF ORDER 09/10/2008 CONTRACT NO. NNL05AA01B

ORDER NO. NNL08AC93T

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	<p>Incrementally Funded Amount: \$774,995.00</p> <p>Task Order entitled "SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation" in accordance with the attached task summary and the contractor's proposal dated 9/5/2008. *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 Task Summary.</p> <p>ESTIMATED COST: ██████████ ESTIMATED FEE: ██████████ *TOTAL COST-PLUS-FIXED FEE:\$2,147,335.00</p> <p>Acknowledge receipt and acceptance of subject Task Order by signing below and returning to the address in Block 5:</p> <p>Robin Amburn Grob, Contracts Manager</p> <p>(Printed Name) (Title)</p> <p><i>Robin Amburn Grob</i> 9/11/08 (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 "Limitation of Funds" 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: 11 September 2008 through 30 January 2009.

(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 "SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation"

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995

NOTE: Period of performance for this task order is 11 September 2008 through 31 July 2009.

[REDACTED]
Contract NNL05AA01B
Task Order Statement of Work

Task Order Number: RFP #

Requesting Organization: Science Support Office (SSO)

1. Task Order Title:

- 1.1 SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation

2. Contractual References:

- 2.1 **Statement of Work Reference:** This requirement is pursuant to contract NNL05AA01B, between NASA Langley Research Center and [REDACTED] Refer to Paragraphs 3.0 *Proposal and Mission Concept Evaluations*, 4.0 *Assessments*, and 5.0 *Studies*.

- 2.2 **Limitation of Future Contracting Reference:** In support of this task order, the contractor:

- shall be required to evaluate proposals and competitive announcements
- may have access to proprietary information and various other types of non-public data

As described in NASA Clause 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, Handling of Data, and Exhibit D. Organizational Conflict of Interest Avoidance Plan, contained in contract NNL05AA01B.

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

- 3.1 The purpose of this Task Order is to provide technical expertise and administrative support to the Science Support Office (SSO) at NASA/LaRC to assist the SSO in the preparation for an evaluation of Concept Study Reports (CSR's) for selected proposals that were received in response to the 2007 SMEX Program and Mission of Opportunity (MO) Announcement of Opportunity (AO). NASA will receive full mission CSRS and MO CSRs for evaluation. The contractor will provide a Form B, C and Form E for all CSRs. The contractor will perform independent cost estimates for each CSR.

4. Description of the Work to be Performed:

4.1 CSR Assessment Preparation and Process Definition Support.

The contractor from the local [REDACTED] office shall assist the NASA Task Requester in preparation of schedule planning, product planning, and preparation of presentation materials for the TMC kickoff meeting, and shall participate in the kickoff briefings. The contractor shall complete the staffing plan with a final roster of competent expert reviewers (staff members and consultants) to cover the CSRs scope. The contractor Form C leads will participate in testing the Remote Evaluation System (RES). The contractor shall also support the Task Requester in making other related preparations to initiate the evaluation process. The contractor shall also perform a quick scan of the CSR's for any evidence of an Organizational Conflict of Interest (OCI) issue. Specifically, the contractor shall search for

evidence of SAIC participation, or participation of institutions of any of the evaluators, document any instances, and suggest OCI mitigation strategies if appropriate.

**4.2 CSR Technical, Management and Cost (TMC) Assessment and Analysis
(includes participation in a Plenary to develop Site Visit Questions).**

4.2.1 The contractor shall perform a detailed evaluation of each CSR and develop a set of questions for the proposers to answer during their Site Visit in order to clarify issues in the CSR's. The contractor (Evaluation Team Members) shall participate in reading and evaluating aspects of each CSR. The contractor (review team members) shall provide expertise to cover the scope of the CSRs including project management, systems engineering, schedule, mission design, flight systems, flight software, cost, ground system and operations, instrument implementation, science, and science implementation. The contractor shall perform fully independent life cycle cost estimates for each CSR. Each estimate shall include all life-cycle elements from Phase B through Phase F, and shall be generated with an approach (parametric models, reference cost data, and analogies) that is independent of the proposer's estimation sources. Included in each Life-Cycle Cost estimate will be an assessment of cost risk that will identify cost drivers in each proposed implementation approach.

4.2.2 The contractor (all reviewers) shall enter their findings into the remote evaluation website in time to support panel deliberations and consensus findings of strengths and weaknesses for each CSR. The contractor shall participate in "fat matrix" telecons to discuss the initial findings. The contractor will generate a Draft Form B, C, S, and E after the "Fat Matrix" telecon. The contractor (Designated Form leads) shall be responsible for generating for further editing, consolidating, and refining the initial Forms into a first draft revision. The contractor shall participate in a Draft Form B, C, S, E telecon and a pre-plenary telecon.

4.2.3 The contractor (approximately reviewers for the Full Mission Initial Plenary, eight for the MO) shall attend Initial Plenary meetings, at TBD location before the MO CSR site visit and at TBD location before the Full Mission CSR site visits. At these Plenary meetings, the contractor (reviewers) shall review the draft Forms and shall develop a list of questions for each proposer (to be answered by the proposers during their Site Visit) to clarify any issues in the CSR that are associated with the implementation risk evaluation (including cost). The contract will also provide summary presentations on cost, schedule, and mission design.

**4.3 Site Visits (one for each of the six CSR's that will be evaluated) and a
Final TMC Plenary to finalize the Forms and determine final ratings.**

4.3.1 The contractor (reviewers) shall attend one day Site Visits (one for each CSR) to gather information on each proposer's capabilities (technical, management, science and science implementation, and facilities) to receive answers to written questions, and to ask any impromptu questions that may arise. Approximately Evaluators will attend the full mission site visits and approximately evaluators will attend the MO site visit. Following each Site Visit, the contractor (all reviewers) shall:

4.3.1.1 Review the Forms and summarize information concerning each CSR

4.3.1.2 Participate in the Final Plenary by judging the completeness,

accuracy, and level treatment of each proposal's evaluation (requires in-person attendance at a Plenary at a centralized location). The Final Plenary for the MO CSR will be in the TBD area. The Final Plenary for the Full Missions CSRs will be in TBD. Approximately 10 evaluators will attend the Final Plenary for the Full Mission CSRs and approximately 10 evaluators will attend the final plenary for the MO.

- 4.3.1.3 Determining, via a voting process, the final assignment of Form ratings for each proposal (under immediate guidance of the NASA Task Requester).
- 4.3.1.4 Document the consensus findings in final versions of the Forms for each proposal.
- 4.3.1.5 Deliver the final form documents in time to support the selection meeting.

4.4 **Prepare Document and Support Presentation of Findings and**

Recommendations. The contractor, from the local office, shall assist the NASA Task Requester in preparing supporting documents and presentation materials as required to:

- 4.4.1 Report the final findings and recommendations;
 - 4.4.2 Provide relevant input from the evaluation process to other review bodies (e.g., Selection Meeting) if necessary.
 - 4.4.3 Prepare for debriefing of proposing teams, if requested.
 - 4.4.4 Prepare or provide input to briefing books and/or a history book documenting all evaluation panel activity, findings, and recommendations, as directed by the Task Requester.
 - 4.4.5 Archive all proposal copies and documents pertaining to the evaluation cycle in the SSO archive library. Final forms, as well as copies of presentation materials and summaries shall be uploaded to the evaluation website.
- 4.5 **Follow up Cost Analysis and RES testing.** The cost analyst will provide the SMEX Program Office a summary cost analysis from the evaluation. Also, the contract will support S curve analysis after the panel meetings are over.

5. **Deliverables:** The contractor shall provide all deliverables as specified below:

- 5.1 Assistance in the presentation material such as kickoff charts
- 5.2 Conflict of interest check
- 5.3 Compliance Check of Proposals
- 5.4 Evaluations of Proposals
- 5.5 Participation at Plenaries and Site Visits
- 5.6 Finalizing and Forms B, C, S, E
and Selection book contents.
- 5.7 Technical support during all proposal debriefings
- 5.8 Timely archiving of evaluation documentation (forms, working documents, proposals, briefing books, CD-ROM)
- 5.9 S curve analysis and cost summaries

6. **Government Furnished Items:** The Government will provide the following

GOVERNMENT FURNISHED ITEM	DATE TO BE FURNISHED
MO CSRs	Dec 2008
Full Mission CSRS	Dec 2008

7. **Other Information Needed for Task Performance:** None

8. **Period of Performance/Schedule:** The period of performance for this task order shall be September 8, 2008 through July 31, 2009. Interim event dates may change based on direction of the Task Monitor. Changes to the completion date must be approved by the Contracting Officer.

Milestone Number	SOW Reference Paragraph	Milestones	Dates
a.	*	Start Date	[REDACTED]
b.	4.1	Kickoff Telecon	[REDACTED]
c.	4.2	CSRs due	[REDACTED]
d.	4.1	Check for conflicts of interest	[REDACTED]
e.	4.2.3	Initial Plenary for MO CSRs	[REDACTED]
f.	4.3.1	Site Visits for MO CSR	[REDACTED]
g.	4.3.1.2	Final Plenary for MO CSR	[REDACTED]
h.	4.4.4	Final MO Book with Forms	[REDACTED]
i.	4.2	Full Mission CSRS due	[REDACTED]
j.		FM CSRs Telecons	[REDACTED]
k.	4.3.1.2	Initial Plenary for Full Mission CSRs	[REDACTED]
l.	4.3	Site Visits	[REDACTED]
m.	4.3.1.2	Final Plenary for Full Mission CSRS	[REDACTED]
n.	4.4.4	Final Mission Book with Forms	[REDACTED]
o.	*	Completion Date	[REDACTED]

9. **NASA Task Monitor**

NASA TM: Cindy Daniels
 Mail Stop (M/S): 160 Science Support Office
 Phone Number: (757) 864-9865 / Fax Number: (757) 864-8894
 E-Mail Address: Cindy.l.daniels@nasa.gov

10. **Concurrences and Approval**

Concurrence: _____ Date _____
 Cindy Daniels NASA/LaRC/SSO

Approval: _____ Date _____
 Jennings B. Cherry, NASA/LaRC/SSO COTR

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ NO

5. PROJECT NO (If applicable)

000001

See Block 26C

4200274159

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: XXXXXXXXXX
10260 CAMPUS POINT DR
SAN DIEGO CA 92121-1522

9A. AMENDMENT OF SOLICITATION NO

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO

NNL058A01B

NNL08AC93T

10B. DATED (SEE ITEM 13)

09/10/2008

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)

PR 4200274159

Net Increase:

\$500,000.00

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 data, 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)

X FAR 52.232-22 Limitation of Funds (APR 1984)

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

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

The purpose of this modification is to add \$500,000 incremental funding 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

11/17/08

16B. UNITED STATES OF AMERICA

[Signature]
(Signature of Contracting Officer)

16C. DATE SIGNED

11/17/2008

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

TASK ORDER SUMMARY

1. Incremental funding in the amount of \$500,000 is added to this task order.
2. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 "Limitation of Funds" 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: 11 September 2008 through 28 February 2009.

(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	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995
Mod 01	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995

NOTE: Period of performance for this task order is 11 September 2008 through 31 July 2009.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE		PAGE OF PAGES 1 2	
2 AMENDMENT/MODIFICATION NO 000002		3 EFFECTIVE DATE 03/04/2009		4 REQUISITION/PURCHASE REQ NO	
6 ISSUED BY NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199		CODE LARC		5 PROJECT NO (if applicable)	
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: [REDACTED] 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522			9A AMENDMENT OF SOLICITATION NO		
CODE			9B DATED (SEE ITEM 11)		
FACILITY CODE			X 10A MODIFICATION OF CONTRACT/ORDER NO. NNL05A001B NNL08AC93T		
			10B DATED (SEE ITEM 13) 09/10/2008		

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 B 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)
4200284304

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:
	D OTHER (Specify type of modification and authority)
X	FAR 43.103-2 Changes -- Cost Reimbursement Limitation of Funds (Alt V) (Apr 1984)

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

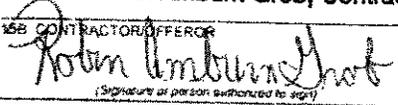
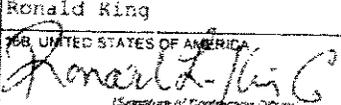
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings including solicitation/contract subject matter where feasible)

1. The purpose of this modification is as follows:

b. Add additional work in the attached Statement of Work (changes are bolded/underlined or annotated with vertical bars on left). As a result, the task summary estimated cost is increased by [REDACTED], the fee by [REDACTED] for a total cost plus fixed fee increase of \$184,116.

c. Add incremental funds in the amount of \$500,000. As a result, the task funding summary is increased by [REDACTED], the fee by [REDACTED] for a total funded increase of \$500,000.

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		15A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald King	
15B CONTRACTING OFFICER  (Signature of person authorized to sign)		15C UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C DATE SIGNED 3/4/09		15C DATE SIGNED 3/04/2009	

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV 10-63)
Prescribed by GSA
FAR (48 CFR) 53.243

TASK ORDER SUMMARY

1. The SOW in the original task order award is amended with changes listed as Attachment 1 and incorporates the additional work for this task order.
2. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 "Limitation of Funds" applies at the Task Order level. In accordance with this clause, NFS 1852.232-81 is updated 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: **11 September 2008 through 28 Apr 2009.**

(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	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995
Mod 01	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995
Mod 02	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995
Mod 03	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,774,995

NOTE: Period of performance for this task order is 11 September 2008 through 31 July 2009.

[REDACTED]
Contract NNL05AA01B
Task Order Statement of Work
31 Mar 2011

Task Order Number: RFP #

Requesting Organization: Science Support Office (SSO)

1. Task Order Title:

- 1.1 SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation

2. Contractual References:

2.1 **Statement of Work Reference:** This requirement is pursuant to contract NNL05AA01B, between NASA Langley Research Center and [REDACTED]. Refer to Paragraphs 3.0 *Proposal and Mission Concept Evaluations*, 4.0 *Assessments*, and 5.0 *Studies*.

2.2 **Limitation of Future Contracting Reference:** In support of this task order, the contractor:

- shall be required to evaluate proposals and competitive announcements
- may have access to proprietary information and various other types of non-public data

As described in NASA Clause 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, Handling of Data, and Exhibit D, Organizational Conflict of Interest Avoidance Plan, contained in contract NNL05AA01B.

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

- 3.1 The purpose of this Task Order is to provide technical expertise and administrative support to the Science Support Office (SSO) at NASA/LaRC to assist the SSO in the preparation for an evaluation of Concept Study Reports (CSR's) for selected proposals that were received in response to the 2007 SMEX Program and Mission of Opportunity (MO) Announcement of Opportunity (AO) and to provide an independent technical review on Near Infra-Red Camera (NIRCam) Optics Wave Front Error resolution. NASA will receive full mission CSRS and MO CSRs for evaluation. The

contractor will provide a Form B, C and Form E for all CSR's. The contractor will perform independent cost estimates for each CSR.

4. Description of the Work to be Performed:

4.1 CSR Assessment Preparation and Process Definition Support.

The contractor from the local office shall assist the NASA Task Requester in preparation of schedule planning, product planning, and preparation of presentation materials for the TMC kickoff meeting, and shall participate in the kickoff briefings. The contractor shall complete the staffing plan with a final roster of competent expert reviewers (staff members and consultants) to cover the CSR's scope. The contractor Form C leads will participate in testing the Remote Evaluation System (RES). The contractor shall also support the Task Requester in making other related preparations to initiate the evaluation process. The contractor shall also perform a quick scan of the CSR's for any evidence of an Organizational Conflict of Interest (OCI) issue. Specifically, the contractor shall search for evidence of SAIC participation, or participation of institutions of any of the evaluators. document any instances, and suggest OCI mitigation strategies if appropriate

**4.2 CSR Assessment and Analysis
(includes participation in a Plenary to develop Site Visit Questions).**

4.2.1 The contractor shall perform a detailed evaluation of each CSR and develop a set of questions for the proposers to answer during their Site Visit in order to clarify issues in the CSR's. The contractor (Evaluation Team Members) shall participate in reading and evaluating aspects of each CSR. The contractor (review team members) shall provide expertise to cover the scope of the CSR's including project management, systems engineering, schedule, mission design, flight systems, flight software, cost, ground system and operations, instrument implementation, science, and science implementation. The contractor shall perform three fully independent life cycle cost estimates for each CSR. Each estimate shall include all life-cycle elements from Phase B through Phase F, and shall be generated with an approach (parametric models, reference cost data, and analogies) that is independent of the proposer's estimation sources. Included in each Life-Cycle Cost estimate will be an assessment of cost risk that will identify cost drivers in each proposed implementation approach.

4.2.2 The contractor (all reviewers) shall enter their findings into the remote evaluation website in time to support panel deliberations and consensus findings of strengths and weaknesses for each CSR. The

contractor shall participate in "fat matrix" telecons to discuss the initial findings. The contractor will generate a Draft Form B, C, S, and E after the "Fat Matrix" telecon. The contractor (Designated Form leads) shall be responsible for generating for further editing, consolidating, and refining the initial Forms into a first draft revision. The contractor shall participate in a Draft Form B, C, S, E telecon and a pre-plenary telecon.

4.2.3 The contractor (approximately [redacted] reviewers for the Full Mission Initial Plenary, [redacted] for the MO) shall attend Initial Plenary meetings, in the Washington DC area before the MO CSR site visit and in the Washington DC area before the Full Mission CSR site visits. At these Plenary meetings, the contractor (reviewers) shall review the draft Forms and shall develop a list of questions for each proposer (to be answered by the proposers during their Site Visit) to clarify any issues in the CSR that are associated with the implementation risk evaluation (including cost). The contract will also provide summary presentations on cost, schedule, and mission design.

4.3 Site Visits (one for each of the six CSR's that will be evaluated) and a Final Plenary to finalize the Forms and determine final ratings.

4.3.1 The contractor (reviewers) shall attend one day Site Visits (one for each CSR) to gather information on each proposer's capabilities (technical, management, science and science implementation, and facilities) to receive answers to written questions, and to ask any impromptu questions that may arise. Approximately [redacted] Evaluators will attend the [redacted] full mission site visits and approximately [redacted] evaluators will attend the MO site visit. Following each Site Visit, the contractor (all reviewers) shall:

4.3.1.1 Review the Forms and summarize information concerning each CSR

4.3.1.2 Participate in the Final Plenary by judging the completeness, accuracy, and level treatment of each proposal's evaluation (requires in-person attendance at a Plenary at a centralized location). The Final Plenary for the MO CSR will be in the Boulder Colorado area. The Final Plenary for the Full Missions CSRs will be in the Washington DC area. Approximately [redacted] evaluators will attend the Final Plenary for the Full Mission CSRs and approximately [redacted] evaluators will attend the final plenary for the MO.

4.3.1.3 Determining, via a voting process, the final assignment of

Form ratings for each proposal (under immediate guidance of the NASA Task Requester).

4.3.1.4 Document the consensus findings in final versions of the Forms for each proposal.

4.3.1.5 Deliver the final form documents in time to support the selection meeting.

4.4 Prepare Document and Support Presentation of Findings and Recommendations. The contractor, from the local office, shall assist the NASA Task Requester in preparing supporting documents and presentation materials as required to:

4.4.1 Report the final findings and recommendations;

4.4.2 Provide relevant input from the evaluation process to other review bodies (e.g., Selection Meeting) if necessary.

4.4.3 Prepare for debriefing of proposing teams, if requested.

4.4.4 Prepare or provide input to briefing books and/or a history book documenting all evaluation panel activity, findings, and recommendations, as directed by the Task Requester.

4.4.5 Archive all proposal copies and documents pertaining to the evaluation cycle in the SSO archive library. Final forms, as well as copies of presentation materials and summaries shall be uploaded to the evaluation website.

4.5 Follow up Cost Analysis and RES testing. The cost analyst will provide the SMEX Program Office a summary cost analysis from the evaluation. Some evaluators will support testing of new Remote Evaluation System.

4.6 Prepare a Transition Briefing.

4.6.1 Provide a transition briefing for the Explorer Program Program Executive and Explorer Program Office Personnel that highlights significant issues for the selected investigations.

4.7 Provide an independent technical review on NIRCAM Wave Front Error resolution.

4.5.1 Participation in briefing on NIRCAM Optics design by GSFC and contractor team.

4.5.2 Review analysis, design materials a test plans.

Participate in Optics tests, readiness reviews and review results of tests.

4.5.3 Provide an independent report on the NIRCAM Optics resolution.

5. Deliverables: The contractor shall provide all deliverables as specified below:

- 5.1 Assistance in the presentation material such as kickoff charts
- 5.2 Conflict of interest check
- 5.3 Compliance Check of Proposals
- 5.4 Evaluations of Proposals
- 5.5 Participation at Plenaries and Site Visits
- 5.6 Finalizing and Forms B, C, S, E and Selection book contents.
- 5.7 Technical support during all proposal debriefings
- 5.8 Timely archiving of evaluation documentation (forms, working documents, proposals, briefing books, CD-ROM)
- 5.9 S curve analysis and cost summaries
- 5.10 NIRCam optics independent review report.**
- 5.11 Transition Briefing.**

6. **Government Furnished Items:** The Government will provide the following

GOVERNMENT FURNISHED ITEM	DATE TO BE FURNISHED
MO CSRs	Dec 2008
Full Mission CSRS	Dec 2008

7. **Other Information Needed for Task Performance:** None

Block 3: Schedule and Deliverables

Milestone Number	Milestones	Dates	Deliverables
1	Start Date	[REDACTED]	N/A
2	Full Mission Kickoff Telecon	[REDACTED]	Draft Evaluation Plans, Kickoff Charts
3	CSRs due	[REDACTED]	CSR Distribution Plan
4	Check for Conflict of Interest	[REDACTED]	CSR COI Check and Compliance Check
5	MO Kickoff Telecon	[REDACTED]	Draft Evaluation Plans, Kickoff Charts
6	Initial Plenary for MO CSR	[REDACTED]	Participation; CSR Evaluation Forms; MO Site Visit Questions
7	Site Visit for MO CSR	[REDACTED]	Participation; Updated MO Evaluation Forms
8	Final Plenary for MO CSR	[REDACTED]	Participation; Finalized MO CSR Evaluation Forms
9	Final MO Book with Forms	[REDACTED]	Final MO Selection Book with completed Evaluation Forms; Technical Support during CSR debriefing
10	Full Mission CSRs due	[REDACTED]	CSR Distribution Plan
11	NIRCam Briefing and Test Reviews	[REDACTED]	N/A
12	NIRCam Test Reviews	[REDACTED]	N/A
13	NIRCam Design and Test Reviews	[REDACTED]	N/A
14	NIRCam Independent report	[REDACTED]	Independent Report
15	Full Mission CSR Telecons	[REDACTED]	CSR comments

16	Final Plenary for Full Mission CSRs	[REDACTED]	Forms; Full Mission Site Visit Questions
17	Site Visits for Full Mission CSRs	[REDACTED]	Participation; Updated Full Mission Evaluation Forms
18	Final Plenary for Full Mission CSRs Week 1	[REDACTED]	Participation
19	Final Plenary for Full Mission CSRs Week 2	[REDACTED]	Participation; Finalized and Leveled Full Mission CSR Evaluation Forms
20	Final Full Mission Book with Forms	[REDACTED]	Final Full Mission Selection Book with completed Evaluation Forms;
			Technical Support during CSR debriefings
21	Transition Briefing	[REDACTED]	Transition Briefing package

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE	PAGE OF PAGES	
2 AMENDMENT/MODIFICATION NO	3 EFFECTIVE DATE	4 REQUISITION/PURCHASE REQ NO	5 PROJECT NO (if applicable)	
000003	03/16/2009	4200276485		
6 ISSUED BY	CODE	7 ADMINISTERED BY (if other than item 6)	CODE	
NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199	LARC	NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199	LARC	
8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A AMENDMENT OF SOLICITATION NO		
SCIENCE APPLICATIONS INT'L CORP Attn: [REDACTED] 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522		[X]		
CODE		FACILITY CODE		
		9B DATED (SEE ITEM 11)		
		10A MODIFICATION OF CONTRACT/ORDER NO		
		NNL05AA01B		
		NNL08AC93Y		
		10B DATED (SEE ITEM 13)		
		09/10/2008		

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)
4200276485 Net Increase: \$16,076.00

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 _____
	D OTHER (Specify type of modification and authority)
X	FAR 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor is not X 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.)
1. The purpose of this modification is to add incremental funds in the amount of \$16,076. As a result, the Task Funding Summary is changed to read [REDACTED] the Funded Fee [REDACTED] and Total Funded to read \$1,791,071.
2. All other terms and conditions remain unchanged.

002 Funding for NNL05AA01B 16,076.00
Incrementally Funded Amount: \$16,076.00

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) Ronald King	
15B CONTRACTOR/OFFEROR [Signature]	15C DATE SIGNED 3/16/09	16B UNITED STATES OF AMERICA [Signature]	16C DATE SIGNED 16 MARCH 09

NSN 7540-01-152-8070
Previous edition unusable

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

TASK ORDER SUMMARY

1 In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 "Limitation of Funds" 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: 11 September 2008 through 28 Apr 2009.

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

(End of Clause)"

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995
Mod 1	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995
Mod 2	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,774,995
Mod 3	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,791,071

NOTE: Period of performance for this task order is 11 September 2008 through 31 July 2009.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 1
2. AMENDMENT/MODIFICATION NO. 000004	3. EFFECTIVE DATE 03/23/2009	4. REQUISITION/PURCHASE REQ. NO. 4200286735	5. PROJECT NO. (If applicable)
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: [REDACTED] 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE		FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL08AC93T 10B. DATED (SEE ITEM 13) 09/10/2008

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)
4200286735 Net Increase: \$540,380.00

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) FAR 52.232-22 Limitation of Funds (APR 1984)

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
1. The purpose of this modification is to add incremental funds in the amount of \$540,380. As a result, the Task Funding Summary is changed to read [REDACTED], the Funded Fee [REDACTED] and Total Funded \$2,331,451..
2. All other terms and conditions remain unchanged.

003 Funding for NNL05AA01B 540,380.00

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) Ronald King
15B. CONTRACTOR/OFFEROR Robin Amburn Grob (Signature of person authorized to sign)	15C. DATE SIGNED 3/24/09
15D. UNITED STATES OF AMERICA	16C. DATE SIGNED 3/23/09
(Signature of Contracting Officer)	

TASK ORDER SUMMARY

1 In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 "Limitation of Funds" 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: **11 September 2008 through 31 July Apr 2009.**

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

(End of Clause)"

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995
Mod 1	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995
Mod 2	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,774,995
Mod 3	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,791,071
Mod 4	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$2,331,451

NOTE: Period of performance for this task order is 11 September 2008 through 31 July 2009.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 9	
2. AMENDMENT/MODIFICATION NO. 000005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REG. NO. 4200307642	
6. ISSUED BY NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199		7. ADMINISTERED BY (if other than Item 6) NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199		5. PROJECT NO. (if applicable) CODE LARC	
8. NAME AND ADDRESS OF CONTRACTOR (City, street, county, State and ZIP Code) SCIENCE APPLICATIONS INTL CORP Attn: ROBIN AMBURN GROB 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522		9A. AMENDMENT OF SOLICITATION NO. <input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11)		10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL08AC93T 10B. DATED (SEE ITEM 13) 09/10/2008	
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 9 and 10, 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)
PR: 4200307642 Net Increase: \$86,428.00

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:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) Mutual Agreement-Increase Level of Effort

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

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

The purpose of this modification is to (i) revise the Statement of Work (SOW); (ii) increase the task estimate; (iii) allot additional funding in the amount of \$86,428 [redacted]; and (iv) extend the period of performance through 10/31/09. As a result, the following changes are hereby made:

- a. Reference the Task SOW. The SOW is hereby deleted in its entirety and replaced with the revised SOW attached hereto.
- b. Reference the Task Cover Page, Optional Form (OF) 347, Block 15. The task completion date is hereby changed to read 10/31/09.
- c. Reference the Task Cover Page, Optional Form (OF) 347, Block 17(e). The Task Estimated Cost Plus Fixed Fee Amount is hereby changed to read \$2,417,879 [redacted]

Continued ...

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

15A. NAME AND TITLE OF SIGNER (Type or print) Tuyet Nguyen, Contracts Manager		15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David O. Garner	
15B. CONTRACTOR/OFFEROR Tuyet Nguyen <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED 8-7-09	15B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>	15C. DATE SIGNED 8/7/09

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
 >NNL05AAQ1B/NNL08AC93T/000005

PAGE OF
 2 9

NAME OF OFFEROR OR CONTRACTOR
 SCIENCE APPLICATIONS INTL. CORP

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Fee).</p> <p>d. Reference Contract Summary, Task Order Page 3. Delete subject page and incorporate the attached revised Contract Summary page reflecting the changes to the Task Summary, Funding Summary, and Period of Performance.</p>				

TASK ORDER SUMMARY

1 In accordance with Paragraph B.4, of the Basic Contract NNL05AA01B, FAR 52.232-20 "Limitation of Cost" applies at the Task Order level. This task order is fully funded

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995
Mod 1	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995
Mod 2	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,774,995
Mod 3	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,791,071
Mod 4	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$2,331,451
Mod 5	[REDACTED]	[REDACTED]	\$2,417,879	[REDACTED]	[REDACTED]	\$2,417,879

NOTE: Period of performance for this task order is 11 September 2008 through 31 Oct 2009.

1. Task Order Title:

1.1 SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation

2. Contractual References:

2.1 Statement of Work Reference: This requirement is pursuant to contract NNL05AA01B, between NASA Langley Research Center and Science Applications International Corporation. Refer to Paragraphs 3.0 *Proposal and Mission Concept Evaluations*, 4.0 *Assessments*, and 5.0 *Studies*.

2.2 Limitation of Future Contracting Reference: In support of this task order, the contractor:

- shall be required to evaluate proposals and competitive announcements
- may have access to proprietary information and various other types of non-public data

As described in NASA Clause 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, Handling of Data, and Exhibit D. Organizational Conflict of Interest Avoidance Plan, contained in contract NNL05AA01B.

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

3.1 The purpose of this Task Order is to provide technical expertise and administrative support to the Science Support Office (SSO) at NASA/LaRC to assist the SSO in the preparation for an evaluation of Concept Study Reports (CSR's) for selected proposals that were received in response to the 2007 SMEX Program and Mission of Opportunity (MO) Announcement of Opportunity (AO) and to provide an independent technical review on Near Infra-Red Camera (NIRCam) Optics Wave Front Error resolution. NASA will receive full mission CSRS and MO CSRs for evaluation. The contractor will provide a Form B, C and Form E for all CSRs. The contractor will perform independent cost estimates for each CSR.

4. Description of the Work to be Performed:**CSR Assessment Preparation and Process Definition Support.**

The contractor from the local SAIC office shall assist the NASA Task Requester in preparation of schedule planning, product planning, and preparation of presentation materials for the TMC kickoff meeting, and shall participate in the kickoff briefings. The contractor shall complete the staffing plan with a final roster of competent expert reviewers (staff members and consultants) to cover the CSRs scope. The contractor Form C leads will participate in testing the Remote Evaluation System (RES). The contractor shall also support the Task Requester in making other related preparations to initiate the evaluation process. The contractor shall also perform a quick scan of the CSR's for any evidence of an Organizational Conflict of Interest (OCI) issue. Specifically, the contractor shall search for evidence of SAIC participation, or participation of institutions of any of the evaluators, document any instances, and suggest OCI mitigation strategies if appropriate

**4.2 CSR Assessment and Analysis
(includes participation in a Plenary to develop Site Visit Questions).**

4.2.1 The contractor shall perform a detailed evaluation of each CSR and develop a set of questions for the proposers to answer during their Site Visit in order to clarify issues in the CSR's. The contractor (Evaluation Team Members) shall participate in reading and evaluating aspects of each CSR. The contractor (review team members) shall provide expertise to cover the scope of the CSRs including project management, systems engineering, schedule, mission design, flight systems, flight software, cost, ground system and operations, instrument implementation, science, and science implementation. The contractor shall perform fully independent life cycle cost estimates for each CSR. Each estimate

shall include all life-cycle elements from Phase B through Phase F, and shall be generated with an approach (parametric models, reference cost data, and analogies) that is independent of the proposer's estimation sources. Included in each Life-Cycle Cost estimate will be an assessment of cost risk that will identify cost drivers in each proposed implementation approach.

- 4.2.2** The contractor (all reviewers) shall enter their findings into the remote evaluation website in time to support panel deliberations and consensus findings of strengths and weaknesses for each CSR. The contractor shall participate in "fat matrix" telecons to discuss the initial findings. The contractor will generate a Draft Form B, C, S, and E after the "Fat Matrix" telecon. The contractor (Designated Form leads) shall be responsible for generating for further editing, consolidating, and refining the initial Forms into a first draft revision. The contractor shall participate in a Draft Form B, C, S, E telecon and a pre-plenary telecon.

The contractor shall attend Initial Plenary meetings, in the Washington DC area before the MO CSR site visit and in the Washington DC area before the Full Mission CSR site visits. At these Plenary meetings, the contractor (reviewers) shall review the draft Forms and shall develop a list of questions for each proposer (to be answered by the proposers during their Site Visit) to clarify any issues in the CSR that are associated with the implementation risk evaluation (including cost). The contract will also provide summary presentations on cost, schedule, and mission design.

4.3 Site Visits (one for each of the six CSR's that will be evaluated) and a Final Plenary to finalize the Forms and determine final ratings.

- 4.3.1** The contractor (reviewers) shall attend one day Site Visits (one for each CSR) to gather information on each proposer's capabilities (technical, management, science and science implementation, and facilities) to receive answers to written questions, and to ask any impromptu questions that may arise. Approximately ■ Evaluators will attend the ■ full mission site visits and approximately ■ evaluators will attend the MO site visit. Following each Site Visit, the contractor (all reviewers) shall:

4.3.1.1 Review the Forms and summarize information concerning each CSR

4.3.1.2 Participate in the Final Plenary by judging the completeness,

accuracy, and level treatment of each proposal's evaluation (requires in-person attendance at a Plenary at a centralized location). The Final Plenary for the MO CSR will be in the Boulder Colorado area. The Final Plenary for the Full Missions CSRs will be in the Washington DC area.

Approximately 10 evaluators will attend the Final Plenary for the Full Mission CSRs and approximately 10 evaluators will attend the final plenary for the MO.

- 4.3.1.3 Determining, via a voting process, the final assignment of Form ratings for each proposal (under immediate guidance of the NASA Task Requester).
- 4.3.1.4 Document the consensus findings in final versions of the Forms for each proposal.
- 4.3.1.5 Deliver the final form documents in time to support the selection meeting.

4.4 Prepare Document and Support Presentation of Findings and Recommendations. The contractor, from the local office, shall assist the NASA Task Requester in preparing supporting documents and presentation materials as required to:

- 4.4.1 Report the final findings and recommendations;
- 4.4.2 Provide relevant input from the evaluation process to other review bodies (e.g., Selection Meeting) if necessary.
- 4.4.3 Prepare for debriefing of proposing teams, if requested.
- 4.4.4 Prepare or provide input to briefing books and/or a history book documenting all evaluation panel activity, findings, and recommendations, as directed by the Task Requester.
- 4.4.5 Archive all proposal copies and documents pertaining to the evaluation cycle in the SSO archive library. Final forms, as well as copies of presentation materials and summaries shall be uploaded to the evaluation website.

4.5 Follow up Cost Analysis and RES testing. The cost analyst will provide the SMEX Program Office a summary cost analysis from the evaluation. Some evaluators will support testing of new Remote Evaluation System.

4.6 Prepare a Transition Briefing.

4.6.1 Provide a transition briefing for the Explorer Program Program Executive and Explorer Program Office Personnel that highlights significant issues for the selected investigations.

4.7 Provide an independent technical review on NIRCcam Wave Front Error resolution.

4.7.1 Participation in briefing on NIRCAM Optics design by GSFC and contractor team.

4.7.2 Review analysis, design materials and test plans.

Participate in Optics tests, readiness reviews and review results of tests.

Deleted - Provide an independent report on the NIRCAM Optics resolution.

Prepare a review of best practices from the SMEX Phase A evaluation

4.8.1 Review, categorize and summarize all Feedback Forms from evaluators.

4.8.2 Document the successful meeting logistics process used on SMEX for each meeting. This should include a summary for each type of meeting and a checklist for future use in planning evaluations.

4.8.3 Participate in the Lessons learned process for this evaluation.

4.8.4 Prepare a spreadsheet of all strengths and weaknesses in Form B and C with recommended resolution from the transition briefing.

4.9 Provide an Independent Cost Estimate (ICE) and S-curves for KDPC for SXS.

5. Deliverables: The contractor shall provide all deliverables as specified below:

- 5.1 Assistance in the presentation material such as kickoff charts
- 5.2 Conflict of interest check
- 5.3 Compliance Check of Proposals
- 5.4 Evaluations of Proposals
- 5.5 Participation at Plenaries and Site Visits
- 5.6 Finalizing and Forms B, C, S, E and Selection book contents.
- 5.7 Technical support during all proposal debriefings
- 5.8 Timely archiving of evaluation documentation (forms, working documents, proposals, briefing books, CD-ROM)
- 5.9 S curve analysis and cost summaries
- 5.10 **NIRCcam optics independent review report.**
- 5.11 **Transition Briefing.**

6. Government Furnished Items: The Government will provide the following

GOVERNMENT FURNISHED ITEM	DATE TO BE FURNISHED
MO CSRs	Dec 2008
Full Mission CSRS	Dec 2008

7. Other Information Needed for Task Performance: None

8. Period of Performance/Schedule: The period of performance for this task order shall be September 8, 2008 through Oct 31, 2009. Interim event dates may change based on direction of the Task Monitor. Changes to the completion date must be approved by the Contracting Officer.

Milestone Number	SOW Reference Paragraph	Milestones	Dates
*		Start Date	[REDACTED]
4.1		Full Mission Kickoff Telecon	[REDACTED]
4.2		CSRs due	[REDACTED]
4.1		Check for conflicts of interest	[REDACTED]
4.1		Kickoff Telecon	[REDACTED]
4.2.3		Initial Plenary for MO CSRs	[REDACTED]
4.3.1		Site Visits for MO CSR	[REDACTED]
4.3.1.2		Final Plenary for MO CSR	[REDACTED]
4.4.4		Final MO Book with Forms	[REDACTED]
4.2		Full Mission CSRS due	[REDACTED]
4.7		NIRCam Briefing and Test Reviews	[REDACTED]
4.7		NIRCam Test Reviews	[REDACTED]
4.7		NIRCam design and test reviews	[REDACTED]
4.7		NIRCam Independent report	[REDACTED]
		FM CSRs Telecons	[REDACTED]
4.3.1.2		Initial Plenary for Full Mission CSRs	[REDACTED]
4.3		Site Visits	[REDACTED]
4.3.1.2		Final Plenary for Full Mission CSRs – Week 1	[REDACTED]
4.3.1.2		Final Plenary for Full Mission CSRs Week 2	[REDACTED]
4.4.4		Final Mission Book with Forms	[REDACTED]
4.6		Transition Briefing	[REDACTED]

Milestone Number	SOW Reference Paragraph	Milestones	Dates
	4.8	Best Practices documentation	[REDACTED]
	4.9	ICE for SXS	[REDACTED]
	*	Completion Date	[REDACTED]

9. NASA Task Monitor

NASA TM: Cindy Daniels

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

Phone Number: (757) 864-9865 / Fax Number: (757) 864-8894

E-Mail Address: Cindy.l.daniels@nasa.gov

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 000006	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
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: XXXXXXXXXX 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE	X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL08AC93T 10B. DATED (SEE ITEM 13) 09/10/2008	

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)

No Change

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 data, 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 Extend the Period of Performance
E. IMPORTANT:	Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> 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 extend the period of performance through 2/28/10 at no additional cost to either party. As a result, the following changes are hereby made:

- A. Reference the Task Cover Page, Optional Form (OF) 347, Block 15. The task completion date is hereby changed to read 2/28/10.
- B. All other terms and conditions of the task order 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) <i>Tuyet Nguyen, Contracts Manager</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <i>David O. Garner</i>
15B. CONTRACTOR/OFFICER'S <i>Tuyet Nguyen</i> (Signature of person authorized to sign)	15C. DATE SIGNED <i>10-9-09</i>
16B. UNITED STATES OF AMERICA <i>David O. Garner</i> (Signature of Contracting Officer)	16C. DATE SIGNED <i>10/13/09</i>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 8
2. AMENDMENT/MODIFICATION NO. 000007	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200318765	5. PROJECT NO. (if applicable)
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: [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 NNL08AC93T 10B. DATED (SEE ITEM 13) 09/10/2008	
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) Net Increase: \$18,146.00
PR: 4200318765

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-Increase Level of Effort

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to (i) revise the Statement of Work SOW; (ii) increase the task estimate; and (iii) allot additional funding in the amount of \$18,146 [REDACTED]. As a result, the following changes are hereby made:
a. Reference the Task SOW. The SOW is hereby deleted in its entirety and replaced with the revised SOW attached hereto.
b. Reference the Task Cover Page, Optional Form (OF) 347, Block 17(e). The Task Estimated Cost Plus Fixed Fee Amount is hereby changed to read \$2,436,025 [REDACTED].
c. Reference Contract Summary, Task Order Page 2. Delete subject page and incorporate the attached revised Contract Summary page reflecting the changes to the Task Summary and Funding Summary.

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) Tuyet Nguyen, Contracts Manager	15B. DATE SIGNED 11-18-09	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David O. Garner	15B. DATE SIGNED 11/19/09
15B. CONTRACTOR/OFFICER <i>Tuyet Nguyen</i> (Signature of person authorized to sign)		15B. UNITED STATES OF AMERICA <i>David O. Garner</i> (Signature of Contracting Officer)	

TASK ORDER SUMMARY

1. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 "Limitation of Funds" 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: 11 September 2008 through 28 Feb 2010.

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

(End of Clause)"

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$774,995
Mod 1	[REDACTED]	[REDACTED]	\$2,147,335	[REDACTED]	[REDACTED]	\$1,274,995
Mod 2	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,774,995
Mod 3	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$1,791,071
Mod 4	[REDACTED]	[REDACTED]	\$2,331,451	[REDACTED]	[REDACTED]	\$2,331,451
Mod 5	[REDACTED]	[REDACTED]	\$2,417,879	[REDACTED]	[REDACTED]	\$2,417,879
Mod 6	[REDACTED]	[REDACTED]	\$2,417,879	[REDACTED]	[REDACTED]	\$2,417,879
Mod 7	[REDACTED]	[REDACTED]	\$2,436,025	[REDACTED]	[REDACTED]	\$2,436,025

NOTE: Period of performance for this task order is 11 September 2008 through 28 Feb 2010.

2. All other terms and conditions remain unchanged.

1. **Task Order Title:**

1.1 SMEX 2008 and Mission of Opportunity (MO) Announcement of Opportunity (AO) Concept Study Report (CSR) Evaluation

2. **Contractual References:**

2.1 **Statement of Work Reference:** This requirement is pursuant to contract NNL05AA01B, between NASA Langley Research Center and [REDACTED] [REDACTED]. Refer to Paragraphs 3.0 *Proposal and Mission Concept Evaluations*, 4.0 *Assessments*, and 5.0 *Studies*.

2.2 **Limitation of Future Contracting Reference:** In support of this task order, the contractor:

- shall be required to evaluate proposals and competitive announcements
- may have access to proprietary information and various other types of non-public data

As described in NASA Clause 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, Handling of Data, and Exhibit D. Organizational Conflict of Interest Avoidance Plan, contained in contract NNL05AA01B.

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

3.1 The purpose of this Task Order is to provide technical expertise and administrative support to the Science Support Office (SSO) at NASA/LaRC to assist the SSO in the preparation for an evaluation of Concept Study Reports (CSR's) for selected proposals that were received in response to the 2007 SMEX Program and Mission of Opportunity (MO) Announcement of Opportunity (AO) and to provide an independent technical review on Near Infra-Red Camera (NIRCam) Optics Wave Front Error resolution. NASA will receive [REDACTED] full mission CSRS and [REDACTED] MO CSRs for evaluation. The contractor will provide a Form B, C and Form E for all [REDACTED] CSRs. The contractor will perform [REDACTED] independent cost estimates for each CSR.

4. **Description of the Work to be Performed:**

4.1 **CSR Assessment Preparation and Process Definition Support.**

The contractor from the local [REDACTED] office shall assist the NASA Task Requester in preparation of schedule planning, product planning, and preparation of presentation

materials for the TMC kickoff meeting, and shall participate in the kickoff briefings. The contractor shall complete the staffing plan with a final roster of competent expert reviewers (staff members and consultants) to cover the CSRs scope. The contractor Form C leads will participate in testing the Remote Evaluation System (RES). The contractor shall also support the Task Requester in making other related preparations to initiate the evaluation process. The contractor shall also perform a quick scan of the CSR's for any evidence of an Organizational Conflict of Interest (OCI) issue. Specifically, the contractor shall search for evidence of SAIC participation, or participation of institutions of any of the evaluators, document any instances, and suggest OCI mitigation strategies if appropriate

4.2 CSR Assessment and Analysis

(includes participation in a Plenary to develop Site Visit Questions).

4.2.1 The contractor shall perform a detailed evaluation of each CSR and develop a set of questions for the proposers to answer during their Site Visit in order to clarify issues in the CSR's. The contractor (Evaluation Team Members) shall participate in reading and evaluating aspects of each CSR. The contractor (review team members) shall provide expertise to cover the scope of the CSRs including project management, systems engineering, schedule, mission design, flight systems, flight software, cost, ground system and operations, instrument implementation, science, and science implementation. The contractor shall perform three fully independent life cycle cost estimates for each CSR. Each estimate shall include all life-cycle elements from Phase B through Phase F, and shall be generated with an approach (parametric models, reference cost data, and analogies) that is independent of the proposer's estimation sources. Included in each Life-Cycle Cost estimate will be an assessment of cost risk that will identify cost drivers in each proposed implementation approach.

4.2.2 The contractor (all reviewers) shall enter their findings into the remote evaluation website in time to support panel deliberations and consensus findings of strengths and weaknesses for each CSR. The contractor shall participate in "fat matrix" telecons to discuss the initial findings. The contractor will generate a Draft Form B, C, S, and E after the "Fat Matrix" telecon. The contractor (Designated Form leads) shall be responsible for generating for further editing, consolidating, and refining the initial Forms into a first draft revision. The contractor shall participate in a Draft Form B, C, S, E telecon and a pre-plenary telecon.

The contractor (approximately [redacted] reviewers for the Full Mission Initial Plenary, [redacted] for the MO) shall attend Initial Plenary meetings, in the Washington DC area before the MO CSR site visit and in the Washington DC area before the Full Mission CSR site visits. At these Plenary meetings, the contractor (reviewers) shall review the draft Forms and

shall develop a list of questions for each proposer (to be answered by the proposers during their Site Visit) to clarify any issues in the CSR that are associated with the implementation risk evaluation (including cost). The contract will also provide summary presentations on cost, schedule, and mission design.

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4.3.1 The contractor (reviewers) shall attend one day Site Visits (one for each CSR) to gather information on each proposer's capabilities (technical, management, science and science implementation, and facilities) to receive answers to written questions, and to ask any impromptu questions that may arise. Approximately [redacted] Evaluators will attend the [redacted] full mission site visits and approximately [redacted] evaluators will attend the MO site visit. Following each Site Visit, the contractor (all reviewers) shall:

- 4.3.1.1** Review the Forms and summarize information concerning each CSR
- 4.3.1.2** Participate in the Final Plenary by judging the completeness, accuracy, and level treatment of each proposal's evaluation (requires in-person attendance at a Plenary at a centralized location). The Final Plenary for the MO CSR will be in the Boulder Colorado area. The Final Plenary for the Full Missions CSRs will be in the Washington DC area. Approximately [redacted] evaluators will attend the Final Plenary for the Full Mission CSRs and approximately [redacted] evaluators will attend the final plenary for the MO.
- 4.3.1.3** Determining, via a voting process, the final assignment of Form ratings for each proposal (under immediate guidance of the NASA Task Requester).
- 4.3.1.4** Document the consensus findings in final versions of the Forms for each proposal.
- 4.3.1.5** Deliver the final form documents in time to support the selection meeting.

4.4 Prepare Document and Support Presentation of Findings and Recommendations. The contractor, from the local office, shall assist the NASA Task Requester in preparing supporting documents and presentation materials as required to:

- 4.4.1 Report the final findings and recommendations;
 - 4.4.2 Provide relevant input from the evaluation process to other review bodies (e.g., Selection Meeting) if necessary.
 - 4.4.3 Prepare for debriefing of proposing teams, if requested.
 - 4.4.4 Prepare or provide input to briefing books and/or a history book documenting all evaluation panel activity, findings, and recommendations, as directed by the Task Requester.
 - 4.4.5 Archive all proposal copies and documents pertaining to the evaluation cycle in the SSO archive library. Final forms, as well as copies of presentation materials and summaries shall be uploaded to the evaluation website.
- 4.5 **Follow up Cost Analysis and RES testing.** The cost analyst will provide the SMEX Program Office a summary cost analysis from the evaluation. Some evaluators will support testing of new Remote Evaluation System.
- 4.6 **Prepare a Transition Briefing.**
- 4.6.1 Provide a transition telecon briefing for the Explorer Program Program Executive and a presentation briefing to the Explorer Program Office Civil Servants and NASA HQ PEs that highlights significant issues for the selected investigations. Approximately 10 people will be used on the transition briefing. All of these evaluators may travel to Washington DC for the presentation.
- 4.7 **Provide an independent technical review on NIRCAM Wave Front Error resolution.**
- 4.7.1 Participation in briefing on NIRCAM Optics design by GSFC and contractor team.
 - 4.7.2 Review analysis, design materials a test plans.
Participate in Optics tests, readiness reviews and review results of tests.
- Provide an independent report on the NIRCAM Optics resolution.
Prepare a review of best practices from the SMEX Phase A evaluation
- 4.8.1 Review, categorize and summarize all Feedback Forms from evaluators.
 - 4.8.2 Document the successful meeting logistics process used on SMEX for each meeting. This should include a summary for each type of meeting and a checklist for future use in planning evaluations.
 - 4.8.3 Participate in the Lessons learned process for this evaluation.
 - 4.8.4 Prepare a spreadsheet of all strengths and weakness in Form B and C with recommended resolution from the transition briefing.
- 4.9 Provide an Independent Cost Estimate (ICE) and S-curves for KDPC for SXS.

5. Deliverables: The contractor shall provide all deliverables as specified below:

- 5.1 Assistance in the presentation material such as kickoff charts
- 5.2 Conflict of interest check
- 5.3 Compliance Check of Proposals
- 5.4 Evaluations of Proposals
- 5.5 Participation at Plenaries and Site Visits
- 5.6 Finalizing and Forms B, C, S, E and Selection book contents.
- 5.7 Technical support during all proposal debriefings
- 5.8 Timely archiving of evaluation documentation (forms, working documents, proposals, briefing books, CD-ROM)
- 5.9 S curve analysis and cost summaries
- 5.10 NIRCam optics independent review report.
- 5.11 Transition Briefing.

6. Government Furnished Items: The Government will provide the following

GOVERNMENT FURNISHED ITEM	DATE TO BE FURNISHED
MO CSRs	Dec 2008
Full Mission CSRS	Dec 2008

7. Other Information Needed for Task Performance: None

8. Period of Performance/Schedule: The period of performance for this task order shall be September 8, 2008 through Feb 28, 2010. Interim event dates may change based on direction of the Task Monitor. Changes to the completion date must be approved by the Contracting Officer.

Milestone Number	SOW Reference Paragraph	Milestones	Dates
1.	*	Start Date	[REDACTED]
2.	4.1	Full Mission Kickoff Telecon	[REDACTED]
3.	4.2	CSRs due	[REDACTED]
4.	4.1	Check for conflicts of interest	[REDACTED]
5.	4.1	Kickoff Telecon	[REDACTED]
6.	4.2.3	Initial Plenary for MO CSRs	[REDACTED]
7.	4.3.1	Site Visits for MO CSR	[REDACTED]
8.	4.3.1.2	Final Plenary for MO CSR	[REDACTED]
9.	4.4.4	Final MO Book with Forms	[REDACTED]

Milestone Number	SOW Reference Paragraph	Milestones	Dates
10	4.2	Full Mission CSRS due	[REDACTED]
11	4.7	NIRCam Briefing and Test Reviews	[REDACTED]
12	4.7	NIRCam Test Reviews	[REDACTED]
13	4.7	NIRCam design and test reviews	[REDACTED]
14	4.7	NIRCam Independent report	[REDACTED]
15		FM CSRs Telecons	[REDACTED]
16	4.3.1.2	Initial Plenary for Full Mission CSRs	[REDACTED]
17	4.3	Site Visits	[REDACTED]
18	4.3.1.2	Final Plenary for Full Mission CSRs – Week 1	[REDACTED]
19	4.3.1.2	Final Plenary for Full Mission CSRs Week 2	[REDACTED]
20	4.4.4	Final Mission Book with Forms	[REDACTED]
21	4.6	Transition Telecon	[REDACTED]
22	4.8	Best Practices documentation	[REDACTED]
23	4.9	ICE for SXS	[REDACTED]
24	4.6	Transition Briefing	[REDACTED]
25	*	Completion Date	[REDACTED]

9. NASA Task Monitor

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