

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 3

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

1. DATE OF ORDER 04/25/2007	2. CONTRACT NO. (If any) NNL05AA01B	6. SHIP TO:	
3. ORDER NO. NNL07AC30T		a. NAME OF CONSIGNEE NASA/ Langley Research Center	
4. REQUISITION/REFERENCE NO. See Block 9 below.		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		

a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTL CORP		8. TYPE OF ORDER		
b. COMPANY NAME		<input type="checkbox"/> a. PURCHASE. <input checked="" type="checkbox"/> b. DELIVERY		

c. STREET ADDRESS 10260 CAMPUS POINT DR		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	b. STATE CA	f. ZIP CODE 92121-1522		

9. ACCOUNTING AND APPROPRIATION DATA PR: 4200192530 (COMPLETE)		10. REQUISITIONING OFFICE NASA/Langley Research Center		
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11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input checked="" 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	

13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 02/28/2008		16. DISCOUNT TERMS NT30	
a. INSPECTION Destination	b. ACCEPTANCE Destination						

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)
	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 NES 1852.232-81 (see Page 3).  Continued ...					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME NASA/Langley Research Center				\$82,559.00		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		\$82,559.00	

22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed) Darla J. Clifton TITLE: CONTRACTING/ORDERING OFFICER	
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**ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION**

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

DATE OF ORDER 04/25/2007	CONTRACT NO. NNL05AA01B	ORDER NO. NNL07AC30T
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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
001	<p>INCO TERMS 1: FOB INCO TERMS 2: DESTINATION</p> <p>The Contractor shall provide all resources necessary to perform the requirements delineated in the Statement of Work Entitled "Assessment of NASA Earth Sciences Data Products" (Attachment 1) and the Contractor's proposal dated 4/5/2007 (revised on 4/25/2007).</p> <p>Cost: </p> <p>Fixed Fee: </p>				82,559.00	

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

**ADDITIONAL CONTRACT CLAUSE**

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 **NNL07AC30T** and covers the following estimated period of performance: **April 25, 2007 through February 28, 2008.**

(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	ESTIMATED COST	FIXED FEE	TOTAL CPFF
\$76,799	[REDACTED]	[REDACTED]	\$76,799	[REDACTED]	[REDACTED]	\$82,559

NOTE: Period of performance for this task order is April 25, 2007 through February 28, 2008.

**Science Applications International Corporation (SAIC)  
Contract NNL05AA01B  
Task Order Statement of Work**

1. **Task Order Title:** Assessment of NASA Earth Sciences Data Products
  
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 the contract Statement of Work, Paragraph 4.0, Assessments.
  
  - 2.2 **Potential for Organizational Conflict of Interest (OCI):** In support of this task order, the contractor:
    - 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:** The objective of this project is to help the NASA Science Mission Directorate's Applied Sciences Program assess the potential to extend NASA Earth science remote sensing data and research/modeling results to decision support systems (DSSs) and decision support tools (DSTs) used in the Program's Energy Management national application and to continue our efforts to catalogue NASA Earth science data products that are useful in Energy and Carbon Management. SAIC shall assess the potential to extend the use of NASA Earth science data products and research/modeling results in DSSs/DSTs used by local power companies.
  
4. **Scope of Work:** The Contractor shall perform the following task requirements:
  - 4.1 Assess the potential role of NASA Earth science data products and research/modeling results in DSSs/DSTs used by local power companies provided by the group representatives/individual experts for NASA's Applied Sciences Program Energy Management application.
    - 4.1.1 Conduct discussions with the representatives from groups such as the Western Governors Association, the National Commission on Energy Policy,

the Electric Power Research Institute, State Energy Organizations, and with experts in the energy field to obtain an overview of DSSs and DSTs used by local power companies that could make use of NASA data products and research/modeling results.

- 4.1.2 Update the product database of NASA remote sensing and modeling data relevant to the Energy Management application to include products of potential interest to the electric utilities sector.
- 4.2 Assess the potential role of NASA Earth science data products and research/modeling results in DSSs/DSTs used by local power companies provided by representatives from these large power companies for NASA's Applied Sciences Program Energy Management application.
  - 4.2.1 Develop contacts with specific representatives from large regional power companies to discuss how their company might use NASA Earth science data products and research/modeling results in DSSs/DSTs used for energy management purposes.
  - 4.2.2 Conduct preliminary discussions with the representatives from these large power companies on the potential role of NASA Earth science data products and research/modeling results in DSSs/DSTs used for energy management.
  - 4.2.3 Conduct a telecon between representatives from these large power companies and NASA Applied Sciences Program Energy Management application personnel to discuss in detail the potential role of NASA Earth science data products and research/modeling results in DSSs/DSTs used for energy management.
- 4.3 Update data product database(s).
- 5. **Deliverables:** The contractor shall provide all deliverables as specified below:
  - 5.1 Assessment Reports
  - 5.2 Updated data product database
  - 5.3 Final Report
- 6. **Government Furnished Items:** None.
- 7. **Other Information Needed for Task Performance:** None
- 8. **Period of Performance/Schedule:** The period of performance for this task order shall be April 25, 2007 through February 28, 2008. 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	Assessment Report on Utility of NASA Earth Science Measurements – Energy experts	[REDACTED]
3	4.2	Assessment Report on Utility of NASA Earth Science Measurements – Large power companies	[REDACTED]
4	4.	Updated NASA Earth Science data products database for Energy & Carbon Management applications	[REDACTED]
8	*	Completion Date	[REDACTED]

9. **NASA Task Management:**

Task Manager (TM)

TM: Richard Eckman, Program Manager, Energy Management National Application, Applied Sciences Program

Organization / Mail Stop (M/S): Science Directorate

Phone Number: (757) 864-5822 / Fax Number: (757) 864-6326

E-Mail Address: [Richard.S.Eckman@nasa.gov](mailto:Richard.S.Eckman@nasa.gov)

Contracting Officer's Technical Representative (COTR)

COTR: Jennings B. Cherry

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

Phone Number: (757) 864-2465 / Fax Number: (757) 864-8894

E-Mail Address: [Jennings.B.Cherry@nasa.gov](mailto:Jennings.B.Cherry@nasa.gov)

Contract Administrator

Anthony S. Kram

Mail Stop (M/S): Office of Procurement – M/S 126

Phone Number: (757) 864-2434 / Fax Number: (757) 864-7709

E-Mail Address: [Anthony.S.Kram@nasa.gov](mailto:Anthony.S.Kram@nasa.gov)

**Task Order Specific OCI Avoidance Plan  
For  
Task Order 33 – Assessment of NASA Earth Sciences Data Products**

Correspondence from the Contracting Officer has identified three potential categories of Organizational Conflict of Interest (OCI):

1. Unequal Access to Information: Situations in which a firm has access to non-public information as part of its performance of a government contract which may provide a competitive advantage in a later competition.
2. Biased Ground Rules: Situations in which a firm, as part of its performance of a government contract, has in some sense set the ground rules for another government contract by, for example, writing the statement of work or specifications.
3. Impaired Objectivity: A firm's work under one government contract could entail its evaluating itself, either through an assessment of performance under another contract or an evaluation of proposals.

[REDACTED]

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO.

000001

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

N/A

5. PROJECT NO. (If applicable)

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

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.

NNL05AA01B  
NNL07AC30T

10B. DATED (SEE ITEM 11)

04/25/2007

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

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 to 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

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

12/18/2007

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 period of performance is extended from 28 February 2008 to 29 August 2008 due to program delays. The extension is at the request of the contractor and at no additional cost to the Government.
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 **NNL07AC30T** and covers the following estimated period of performance: **April 25, 2007 through 29 August, 2008.**

(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	ESTIMATED COST	FIXED FEE	TOTAL CPFF
Base	[REDACTED]	[REDACTED]	\$82,559	[REDACTED]	[REDACTED]	\$82,559
Mod 01	[REDACTED]	[REDACTED]	\$82,559	[REDACTED]	[REDACTED]	\$82,559

NOTE: Period of performance for this task order is April 25, 2007 through 29 August 2008.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 000002	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200258532	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: <span style="background-color: black; color: black;">XXXXXXXXXX</span> 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 NNL07AC30T
	10B. DATED (SEE ITEM 13) 04/25/2007
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)  
PR 4200258532 Net Increase: \$68,955.00

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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)
	D. OTHER (Specify type of modification and authority)

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:
- 1) Revise the statement of work,
  - 2) Extend the period of performance,
  - 3) Increase the total value of the order, and
  - 4) Add 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) <b>Robin Amburn Grob, Contracts Manager</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Anthony Kram
15B. CONTRACTOR/OFFEROR <i>Robin Amburn Grob</i> (Signature of person authorized to sign)	15C. DATE SIGNED 7/10/08
	16B. UNITED STATES OF AMERICA <i>[Signature]</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 07/08/2008

**SUMMARY OF CHANGES**

1. The statement of work is revised to add tasks as defined on page 3 of this modification. As a result, the period of performance is extended from 29 August 2008 to 30 May 2009.
2. The total value of this order is increased by \$69,517 (██████████ cost, ██████████ fee) from \$82,559 to \$152,076.
3. Funding in the amount of \$68,955 is added to incrementally fund this effort. Total funded value is listed in the chart below.
4. 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 ██████████. This allotment is for **NNL07AC30T** and covers the following estimated period of performance: **April 25, 2007 through 25 May 2009.**

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

(End of Clause)”

5. 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	██████████	██████████	\$82,559	██████████	██████████	\$82,559
Mod 01	██████████	██████████	\$82,559	██████████	██████████	\$82,559
Mod 02	██████████	██████████	\$152,076	██████████	██████████	\$151,514

NOTE: Period of performance for this task order is April 25, 2007 through 30 May 2009.

**Scope of Work**  
**Assessment of NASA**  
**Earth Science Data Products and Modeling Results Appropriate for and of Decisions Support**  
**Needs in Climate Change**

This project has two major objectives. The first objective of this project is to assess NASA Earth science data and modeling results to determine which data are appropriate for climate studies and decision support, and develop tables of said data. [REDACTED] sets of NASA data and modeling results will be assessed and, therefore, [REDACTED] tables will be developed. [REDACTED] will identify the remote sensing systems/modeling results that are appropriate for climate studies and decision support that are available now; and [REDACTED] will identify the remote sensing systems/modeling results that are appropriate for climate studies and decision support that will be available in the future. Under each remote sensing or modeling system, the data appropriate for climate studies and decision support from that system will be listed, and website(s) where more information about data from that system can be found, will be documented. As a first approximation, the information about remote sensing systems/modeling results that are appropriate for climate studies that will be listed in the tables we create, is given below. This list of information was determined by polling potential users as to the information they would require regarding the data.

- ❖ Name of Product
- ❖ Product Definition (If required)
- ❖ Product Units
- ❖ Spatial Resolution
- ❖ Temporal Resolution
- ❖ Coverage Area
- ❖ Product Format
- ❖ Period of Product Availability

(Any change to the table format may require additional resources to accomplish.) The tables will be developed using a WIKI website tool.

The second objective of this project is to perform an assessment of Earth science data and modeling results needs in decision support for climate change. We will explore decision support systems (DSSs) and decision support tools (DSTs) in the federal and state government sectors, and interview DSS and DST owners and stakeholders to obtain the results required. To meet these two objectives, the following tasks will be accomplished.

1. Assess NASA Earth science data and modeling results available now and in the future to determine which data are appropriate for climate studies and in decision support, and develop tables of said data.
  - ❖ For each NASA Mission, instrument, or modeling program existing now and those that will exist in the future, assess data products that are appropriate for climate studies and decision support.
2. Develop tables of the NASA data that were determined appropriate
3. Examine and update all website links provided with the resulting tables for climate studies and decision support.
4. Place the tables containing NASA Earth science data products and modeling results appropriate for climate studies and decision support on the SAIC website and inform NASA's Applied Science Program that they are available for their review.
5. Meet with representatives of NASA's Applied Science Program to discuss their comments on the data in the tables.
6. Make changes to the tables that resulted for NASA's review of the tables.

7. Package the tables and deliver them to NASA.
8. Assess the Earth science data and modeling results are being used by DSSs and DSTs in the federal, state and private sectors that are examining the effects of climate change in impact, mitigation, and adaptation decision support.
  - ❖ Perform an Internet and literature search to assess the Earth science data and modeling results that are being used by DSSs and DSTs in the federal and state government sectors for climate change.
  - ❖ Interview DSS and DST owners and stakeholders in the federal, state and private sectors to assess what additional Earth science data and modeling results could be used by their DSSs and DSTs that are examining the effects of climate change.
9. Compare and assess Earth science data and modeling results needs in decision support for climate change obtained from the assessments in #8 with NASA Earth science data and modeling results available now and in the future.
10. Prepare a PowerPoint presentation report of the results of this assessment and attend the NASA Strategy Development Retreat where the report will be presented and discussed.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 000003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. N/A	
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)	
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		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	
CODE		FACILITY CODE		9A. AMENDMENT OF SOLICITATION NO. (x)	
				9B. DATED (SEE ITEM 11)	
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL07AC30T	
				10B. DATED (SEE ITEM 13) 04/25/2007	

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

E. IMPORTANT: Contractor is not. 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.)  
The purpose of this modification is to extend the period of performance completion of this task from 30 May 2009 to 30 June 2009 at no additional cost to the Government.

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) Teresa M. Hass	
15B. CONTRACTOR/OFFEROR Robin Amburn Grob (Signature of person authorized to sign)	15C. DATE SIGNED 6/15/09	16B. UNITED STATES OF AMERICA Teresa M. Hass (Signature of Contracting Officer)	16C. DATE SIGNED 6/15/09

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