

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

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

1. DATE OF ORDER 09/28/2007		2. CONTRACT NO. (if any) NNL05AA01B		6. SHIP TO: a. NAME OF CONSIGNEE NASA/ Langley Research Center	
3. ORDER NO. NNL07AE45T		4. REQUISITION/REFERENCE NO. 4200222522		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: ██████████					
a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTL CORP					
b. COMPANY NAME					
c. STREET ADDRESS 10260 CAMPUS POINT DR					
8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. 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		
9. ACCOUNTING AND APPROPRIATION DATA PR 4200222522				10. REQUISITIONING OFFICE NASA/Langley Research Center	
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"/> g. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS					12. F.O.B. POINT Destination
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) 11/08/2007	18. DISCOUNT TERMS NT30

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
001	INCO TERMS 1: FOB INCO TERMS 2: DESTINATION Assessment of the ETDPO Fission Surface Power Project Incrementally Funded Amount: \$46,640.00 Continued ...				56,255.00	

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
SEE BILLING INSTRUCTIONS ON REVERSE	a. NAME NASA/Langley Research Center				\$46,640.00	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	\$56,255.00	

22. UNITED STATES OF AMERICA
BY (Signature)

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

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

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

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

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

DATE OF ORDER
09/28/2007

CONTRACT NO.
NNL05AA01B

ORDER NO.
NNL07AE45T

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	<p>Task Order entitled "Assessment of the ETDP0 Fission Surface Power Project" in accordance with the attached task description and the contractor's proposal dated 09/28/2007. *NOTE: This Task Order is subject to FAR 52.232-22, Limitation of Funds. The Contractor is only authorized to incur up to the cost limitation set forth in the summary of changes.</p> <p>ESTIMATED COST: ██████████ ESTIMATED FEE: ██████████ *TOTAL COST-PLUS-FIXED FEE: \$56,255.00</p> <p>Acknowledge receipt and acceptance of subject Task Order by signing below and returning to the address in Block 5:</p> <p><u>Robin Amburn Grob, Contracts Mgr.</u> (Printed Name) (Title)</p> <p><u>Robin Amburn Grob</u> 10/1/07 (Signature) (Date)</p>					

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

TASK ORDER SUMMARY

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

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

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Task Order is [REDACTED]. This allotment is for this task order and covers the following estimated period of performance: **28 September 2007 through 30 October 2007.**

(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 “Assessment of the ETDP0 Fission Surface Power Project.”

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]	\$56,255	[REDACTED]	[REDACTED]	\$46,640

NOTE: Period of performance for this task order is 28 September 2007 through 8 November 2007.

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

Task Order Number: RFP #

Requesting Organization: Exploration Technology Development Program Office

1. Task Order Title:

1.1 Assessment of the ETDP Fission Surface Power Project

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 the Exploration Technology Development Program (ETDP) is to develop technologies that reduce the risk associated with NASA's Exploration Systems Mission Directorate programs, primarily the Constellation Program. It is the intent of the ETDP to advance technologies from a low Technology Readiness Level (TRL) to TRL 6 at which point the technology will be infused into the appropriate Constellation Program at minimum risk and cost. Specifically, the FSP project is intended to identify and develop necessary technologies required to fulfill the power needs for the lunar surface using nuclear power.

The purpose of this statement of work is to perform activities required to execute a review of the ETDP Fission Surface Power (FSP) project. The objective of the review is to assess the project's technical approach, cost, and schedule.

The review will assess the FSP's planning, implementation, and technology focus. Panel members will assess:

1. Technologies being evaluated or developed in the FSP optimize the benefits to lunar surface power generation.
2. Budget allocated to the FSP is adequate
3. Schedule for FSP is reasonable
4. **Description of the Work to be Performed:** The Contractor shall perform the following task requirements:
 - 4.1 **Attendance at Kick-off telecon:** The Contractor will attend a one hour kick-off telecon one week after notification of selection. The Contractor will be provided all background documents via email on the date of the kick-off telecon.
 - 4.2 **Review of Documents:** The Contractor will perform a review of the Project Plan, presentation materials, and other background documentation prior to the attendance of the Integrated Baseline Review.
 - 4.2 **Attendance at Integrated Baseline Review:** The Integrated Baseline Review (IBR) will be conducted on October 18, 2007 at Langley Research Center, Hampton, VA. The Contractor will attend the review and ask pertinent question to ensure their understanding the FSP.
 - 4.3 **Report of Findings:** Three weeks after the IBR, the Contractor will provide a written report of findings to ETDP.
 - 4.4 The contractor shall prepare completion documents for task closeout purposes.
5. **Deliverables:**
 - 5.1. Report of Findings
6. **Government Furnished Items:** Project Management Plan, Presentations, and miscellaneous documents
7. **Other Information Needed for Task Performance:** None.

8. Period of Performance/Schedule:

Milestone Number	SOW Paragraph	Milestones	Dates
1	4.1	Kick-off telecon	[REDACTED]
2	4.2	Completion of Documentation Review	[REDACTED]
3	4.3	FSP IBR	[REDACTED]
4	4.4	Deliver Report of Findings to ETDP	[REDACTED]
5			
6			
7			
8			
9			

9. NASA Task Monitor

NASA TM: Diane Hope
 Mail Stop (M/S): 109
 Phone Number: (757)864-7294 / Fax Number: (757)864-8052
 E-Mail Address:

10. Concurrences and Approval

Concurrence: _____ Date _____
 Name; NASA/LaRC/SSO/HQ TM

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

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.

4200226080

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

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.

NNL05AA01B

NNL07AE45T

10B. DATED (SEE ITEM 11)

09/28/2007

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 4200226080

Net Increase:

\$9,615.00

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. 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 and add funding in accordance with the summary of changes.

All other terms and conditions remain unchanged.

Continued

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

15A. NAME AND TITLE OF SIGNER (Type or print)

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)

11/08/2007

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 8 November 2007 till 30 November 2007 at no additional cost to the Government.
2. Funding in the amount of \$9,615.00 is added to fully fund this order. Total order funding is provided in the summary chart below.
3. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-22 applies at the Task Order level. In accordance with this clause, NFS 1852.232-81 is incorporated as follows:

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

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Task Order is [REDACTED]. This allotment is for this task order and covers the following estimated period of performance: 28 September 2007 through 30 November 2007.

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

(End of Clause)"

4. All other terms and conditions remain unchanged.

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	ESTIMATED COST	FIXED FEE	TOTAL CPFF
BASE	[REDACTED]	[REDACTED]	\$56,255	[REDACTED]	[REDACTED]	\$46,640
MOD 01	[REDACTED]	[REDACTED]	\$56,255	[REDACTED]	[REDACTED]	\$56,255

NOTE: Period of performance for this task order is 28 September 2007 through 30 November 2007.

2. AMENDMENT/MODIFICATION NO. 000002 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. N/A 5. PROJECT NO. (if applicable) 1 2

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

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

9A. AMENDMENT OF SOLICITATION NO. (x)
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL07AE45T
 10B. DATED (SEE ITEM 13) 09/28/2007

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 Net Decrease: -\$3,646.00

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:
X	D. OTHER (Specify type of modification and authority) Mutual Agreement

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:
 1) To reduce the total value of the order; and
 2) Deobligate funds in accordance with the summary of changes.

All other terms and conditions remain unchanged.

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

15A. NAME AND TITLE OF SIGNER (Type or print) Robin Amburn Grob, Contracts Manager	18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Anthony Kram
15B. CONTRACTOR OFFICER <i>Robin Amburn Grob</i> (Signature of person authorized to sign)	15C. DATE SIGNED 8/28/08
16B. UNITED STATES OF AMERICA <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 08/28/2008

SUMMARY OF CHANGES

1. Total task order value is reduced from \$56,255 by \$3,646 to \$52,609. [REDACTED]
 [REDACTED] The breakdown between cost and fee are listed in the chart below.
2. Funding in the amount of \$3,646 is deobligated from this order. Performance under this task is complete and excess funding is hereby removed.
3. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-20 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: 28 September 2007 through 30 November 2007.

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

(End of Clause)"

4. All other terms and conditions remain unchanged.

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	ESTIMATED COST	FIXED FEE	TOTAL CPFF
BASE	[REDACTED]	[REDACTED]	\$56,255	[REDACTED]	[REDACTED]	\$46,640
MOD 01	[REDACTED]	[REDACTED]	\$56,255	[REDACTED]	[REDACTED]	\$56,255
MOD 02	[REDACTED]	[REDACTED]	\$52,609	[REDACTED]	[REDACTED]	\$52,609

NOTE: Period of performance for this task order is 28 September 2007 through 8 November 2007.