

ORDER FOR SUPPLIES OR SERVICES

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

1. DATE OF ORDER 06/18/2008		2. CONTRACT NO. (If any) NNI.05AA01B		6. SHIP TO:			
3. ORDER NO. NNL08AC48T		4. REQUISITION/REFERENCE NO. 4200255047		a. NAME OF CONSIGNEE NASA/ Langley Research Center			
5. ISSUING OFFICE (Address correspondence to) NASA/Langley Research Center 9B Langley Blvd., Bldg. 1195B M/S 126 Hampton VA 23681-2199				b. STREET ADDRESS			
7. TO: ██████████		c. CITY Hampton		d. STATE VA		e. ZIP CODE 23681-2199	
a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTL CORP				f. SHIP VIA			
b. COMPANY NAME				8. TYPE OF ORDER			
c. STREET ADDRESS 10260 CAMPUS POINT DR				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:		<input checked="" type="checkbox"/> b. DELIVERY 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.		
9. ACCOUNTING AND APPROPRIATION DATA PR 4200255047				10. REQUISITIONING OFFICE NASA/Langley Research Center			
11. BUSINESS CLASSIFICATION (Check appropriate box(es))						12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL		<input type="checkbox"/> b. OTHER THAN SMALL		<input type="checkbox"/> c. DISADVANTAGED		<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED	
<input type="checkbox"/> d. WOMEN-OWNED		<input type="checkbox"/> e. HUBZone		<input type="checkbox"/> f. EMERGING SMALL BUSINESS			
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 07/31/2008		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)	
001	INCO TERMS 1: FOB INCO TERMS 2: DESTINATION WISE Enhancement for Near Earth Object Investigations Continued ...				15,922.00		
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)	
21. MAIL INVOICE TO:							
a. NAME		NSSC Shared Services Center				\$0.00	
b. STREET ADDRESS (or P.O. Box)		Financial Management Division (FMD) Accounts Payable Bldg 1111, C. Road					
c. CITY		d. STATE		e. ZIP CODE		17(i) GRAND TOTAL	
Stennis Space Center		MS		39529		\$15,922.00	
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/FPMR 48 CFR 33.213(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
06/18/2008

CONTRACT NO.
NNL05AA01B

ORDER NO.
NNL08AC48T

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	<p>Task Order entitled "WISE Enhancement for Near Earth Object Investigations" in accordance with the attached task summary and the contractor's proposal dated 6/12/2008. *NOTE: This Task Order is subject to FAR 52.232-20, Limitation of Costs. 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:\$15,922.00</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> 6/19/08 (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 52.232-20 "Limitation of Costs" 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: **30 May 2008 through 15 September 2008.**

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

(End of Clause)"

2. Perform tasks in accordance with the statement of work titled "WISE Enhancement for Near Earth Object Investigations"

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]	\$15,922	[REDACTED]	[REDACTED]	\$15,922

NOTE: Period of performance for this task order is 18 June 2008 through 31 July 2008.

**WISE Enhancement Evaluation
Task Order Statement of Work****Task Order Number:****Requesting Organization:** Science Support Office (SSO), NASA Langley Research Center, Hampton, VA.**1. Task Order Title:** WISE Enhancements for Near-Earth Object Investigations**2. Contractual References:****2.1 Statement of Work Reference:** This requirement is pursuant to contract NNL05AA01B, between NASA Langley Research Center and [REDACTED]**2.2 Limitation of Future Contracting Reference:** In support of this task order, the contractor:

- shall be required to evaluate a proposal for enhancements for near-earth object investigations for the WISE mission;
- may have access to proprietary information and various other types of non-public data.

This work may give rise to potential organizational (OCI) and individual (ICI) conflicts of interest. In order to avoid these conflicts of interest NASA will select and approve all of the evaluators.

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

The purpose of this Task Order is to provide technical expertise to the Science Support Office (SSO) at NASA/LaRC for an evaluation of a proposal for enhancements of near-earth object investigations for the WISE mission. These WISE proposed enhancements are: (1) building a user friendly data archive that could be interrogated for pre-discovery astrometry and physical data for detected NEOs and other small bodies of the solar system that are detected by WISE; and (2) ensuring that the astrometric WISE data are made available to the Minor Planet Center and ground-based follow-up telescope observers sufficiently quickly to allow the WISE discovered NEOs to have their orbits secured. The contractor shall provide a Composite Form C that has been tailored to the proposal.

4. Description of the Work to be Performed:**4.1 Proposal Assessment Preparation and Process Definition Support.**

The contractor shall perform a quick scan of the proposal for any evidence of OCI or ICI issues. Specifically, the contractor shall search for evidence that any of its evaluators have an OCI or ICI issue. If any issues are identified they should be brought to the attention of the SSO immediately. OCI and ICI issues will be documented and mitigated as appropriate.

4.2 Technical, Management and Cost (TMC) Assessment and Analysis**4.2.1** The contractor shall perform a detailed evaluation of the proposal and provide expertise to cover the scope of the proposed enhancements.**4.2.2** Specifically, the contractor shall provide one infrared instrument specialist to evaluate the WISE instruments to assure that they can observe and detect NEOs as described in the proposal. The one instrument specialist shall document the scientific implementation merit

and feasibility of the proposed investigation and provide comments on the technical, management, and cost feasibility of the proposal.

4.2.3 The contractor will provide [redacted] to provide an independent cost estimate of the proposed enhancements and provide comments on the technical, management, and cost feasibility of the proposal. The [redacted] shall be the Composite Form C Lead. The Composite Form C Lead shall assist the NASA TMC Chairperson in tailoring existing Forms B, C, and S into a Composite Form C to document the evaluation of the WISE proposal.

4.2.4 The contractor will provide [redacted] and [redacted] to assess whether the WISE NEO astrometry data are captured, archived, and made available to the Minor Planet Center in a timely and cost effective fashion and provide comments on the technical, management, and cost feasibility of the proposal.

4.2.5 The contractor shall enter their findings into the remote evaluation website in time to support panel deliberations and consensus findings of strengths and weaknesses for the proposal. The [redacted] and [redacted] shall participate in a "fat matrix" telecon to discuss the initial findings. The contractor will generate a Composite Form C after the "fat matrix" telecon. The Composite Form C shall include the findings on the scientific implementation merit and feasibility of the proposed investigation; findings on the technical, management, and cost status of the proposal; and the results of the [redacted] independent cost estimates. The contractor Composite Form C Lead shall be responsible for generating the draft Composite Form C and for further editing, consolidating, and refining the initial Composite Form C into a final document. The contractor shall participate in a final Composite Form C Full Plenary Telecon.

4.3 Prepare Document and Support Presentation of Findings and Recommendations.

The contractor shall assist the NASA TMC Chairperson in preparing supporting documents and presentation materials as required to:

4.3.1 Report the final findings and recommendations.

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

5.1 Composite Form C

5.2 Final briefing material if necessary

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

GOVERNMENT FURNISHED ITEM	DATE TO BE FURNISHED
WISE Enhancements Proposal	6/27/08
Composite Form C	6/27/08

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

8. **Period of Performance/Schedule:** The period of performance for this task order shall be June 18, 2008 through July 31, 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	Milestone	Approximate Date
1	Start Date	██████████
2	Panel Kickoff Telecon and Presentation	██████████
3	Proposal Available from HQs	██████████
4	Review Proposal	██████████
5	Upload Fat Matrix	██████████
6	Fat Matrix Telecon	██████████
7	Remote Plenary – Composite Form C	██████████
8	Final Composite Form C complete	██████████
9	Final Composite Form C due at HQs	██████████
10	Task Ends	██████████

9. **NASA Task Monitor**

NASA Primary TM: Bernie Mlynczak
 Mail Stop (M/S): 160 Science Support Office
 Phone Number: (757) 864-1411 / Fax Number: (757) 864-8894
 E-Mail Address: Bernard.j.mlynczak-1@nasa.gov

10. **Concurrences and Approval**

Concurrence: _____ Date _____
 Bernie Mlynczak NASA/LARC/SSO

Approval: _____ Date _____
 Jennings Cherry NASA/LARC/SSO/COTR

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
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 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	
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.		9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL08AC48T	
				10B. DATED (SEE ITEM 13) 06/18/2008	

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)
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

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 extend the period of performance until 30 September 2008 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 <i>Robin Amburn Grob</i> <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED 7/16/08	16B. UNITED STATES OF AMERICA <i>[Signature]</i> <small>(Signature of Contracting Officer)</small>	16C. DATE SIGNED 07/16/2008

TASK ORDER SUMMARY

1. The period of performance is extended from 31 July 2008 to 30 September 2008 at no additional cost to the Government. Additional consideration for this extension is not applicable.
2. In accordance with Paragraph B.4, of the Basic Contract (NNL05AA01B), FAR 52.232-20 "Limitation of Costs" 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: 18 June 2008 through 30 September 2008.

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

(End of Clause)"

3. All other terms and conditions remain unchanged.

SUMMARY OF TASK ORDER VALUE / FUNDING

TASK ORDER DOCUMENT	TASK VALUE SUMMARY			TASK FUNDING SUMMARY		
	ESTIMATED COST	FIXED FEE	TOTAL CPFF	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$15,922	[REDACTED]	[REDACTED]	\$15,922
Mod 01	[REDACTED]	[REDACTED]	\$15,922	[REDACTED]	[REDACTED]	\$15,922

NOTE: Period of performance for this task order is 18 June 2008 through 30 September 2008.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000002	04/29/2009	4200255047	
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 INTL CORP Attn: [REDACTED] 10260 CAMPUS POINT DR SAN DIEGO CA 92121-1522		(x)	
CODE		9B. DATED (SEE ITEM 11)	
FACILITY CODE		x	
		10A. MODIFICATION OF CONTRACT/ORDER NO. NNL05AA01B NNL08AC48T	
		10B. DATED (SEE ITEM 13) 06/18/2008	

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)

4200255047 Net Decrease -\$3,926 Net Decrease: -\$3,926.00

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) FAR 52.243-2 Changes--Cost Reimbursement (Aug 1987) (Alt V) (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.)

- The purpose of this modification is to deobligate \$3,926 in excess funds.
- 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)	
Robin Amburn Grob, Contracts Manager		Ronald King	
15B. CONTRACTOR/OFFEROR	16C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
Robin Amburn Grob (Signature of person authorized to sign)	5/13/09	Ronald L. King (Signature of Contracting Officer)	5/6/09

NSN 7540-01-152-8070
Previous edition unusable

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

Mod 1

TASK ORDER SUMMARY

1. The purpose of this modification is to remove excess funds in the amount of \$3,926 and adjust the task order funding accordingly.
2. As a result of this revision to the task order funding, the following clauses contained in the task order are hereby deleted in their entirety and replaced with the following:

B.2 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: 30 May 2008 through 15 September 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	FUNDED COST	FUNDED FEE	TOTAL FUNDED
BASE	[REDACTED]	[REDACTED]	\$15,922	[REDACTED]	[REDACTED]	\$15,922
Mod 1	[REDACTED]	[REDACTED]	15,922	[REDACTED]	[REDACTED]	\$11,996