

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 6

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

1. DATE OF ORDER 12/17/2009		2. CONTRACT NO. (If any) NNL05AA01B		6. SHIP TO:	
3. ORDER NO. NNL10AA47T		4. REQUISITION/REFERENCE NO. 4200322979		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	
c. CITY Hampton		d. STATE VA	e. ZIP CODE 23681-2199		
7. TO:				f. SHIP VIA	
a. NAME OF CONTRACTOR SCIENCE APPLICATIONS INTL CORP				8. TYPE OF ORDER	
b. COMPANY NAME				a. PURCHASE	
c. STREET ADDRESS 10260 CAMPUS POINT DR				REFERENCE YOUR:	
d. CITY SAN DIEGO				e. STATE CA	
				f. ZIP CODE 92121-1522	
9. ACCOUNTING AND APPROPRIATION DATA PR: 4200322979				10. REQUISITIONING OFFICE NASA/Langley Research Center	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT	
<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 checked="" type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED	
				Destination	
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 06/30/2010	
a. INSPECTION Destination		b. ACCEPTANCE Destination		16. DISCOUNT TERMS NT30	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Recovery Act Task order entitled 'TMC Phase A Performance Study' in accordance with the attached Statement of Work and the contractor's proposal dated 12/14/09. Reference the Task Spreadsheet (OF 347 Block 17 Continued) which reflects the Continued ...					

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		\$249,676.00		▲
b. STREET ADDRESS (or P.O. Box)		Financial Management Division (FMD) Accounts Payable Bldg 1111, C. Road				17(i) GRAND TOTAL
c. CITY		d. STATE	e. ZIP CODE		\$249,676.00	
Stennis Space Center		MS	39529		▲	
22. UNITED STATES OF AMERICA BY (Signature)				23. NAME (Typed) David O. Garner TITLE: CONTRACTING/ORDERING OFFICER		

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

PAGE NO

2

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

DATE OF ORDER
12/17/2009

CONTRACT NO.
NNL05AA01B

ORDER NO.
NNL10AA47T

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
001	break out of the Estimated Cost-Plus-Fixed Fee Amount and the Funding Amount. The contractor is only authorized to incur up to the cost limitation specifically identified for subject task order. The contractor shall acknowledge receipt and acceptance of this order via email to the Contracting Officer. INCO TERMS 1: FOB INCO TERMS 2: DESTINATION Funding for NNL05AA01B Incrementally Funded Amount: \$107,247.00				249,676.00	

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

\$249,676.00

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: 16 December 2009 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]	\$249,676	[REDACTED]	[REDACTED]	\$107,247

NOTE: Period of performance for this task order is 16 Dec 2009 through 30 June 2010.

1. **Task Order Title: TMC Phase A Performance Study**

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 the contract Statement of Work Section 5.0 - Studies.

2.2 **Possible Conflict of Interest Reference:** In support of this task order, the contractor may have access to sensitive and/or proprietary information and various other types of non-public data. (Potential OCI type: Unequal Access to Information.)

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; 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 1 to this order. (NOTE: The proposed/approved OCI plan will be attached at time of award.)

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

The NASA Science Mission Directorate (SMD) has requested a study to assess the performance of the TMC process at Phase A on later project execution.

3.1 The purpose of this Task Order is to assess the historical TMC performance of SMD's portfolio of PI-led missions to determine how they performed at key project milestones versus the TMC findings at the end of Phase A and recommend improvements to TMC and other processes as appropriate.

4. **Description of the Work to be Performed:** The Contractor shall perform the following task requirements:

4.1 Identify realized risks and project mitigation actions. Realized risks will be identified for individual missions using findings and data from the projects, IRT/SRB reports, and recent studies (including SOMA cost studies for SMD). Primary risk categories shall include instrument, mission, flight system, and management TMC evaluation factors. Secondary categories shall be defined as the study progresses based on the types of risks collected for each primary risk category. Mitigation actions taken by the project at major mission milestones to address risk items will be documented.

4.2 Document observed technical, schedule, and cost Impacts. Technical, schedule, and cost changes shall be investigated for each project at various milestones (PDR, CDR, ARR, and Launch) for the WBS elements within each of the four primary risk categories and for the overall project.

- 4.3 Correlate TMC and IRT/SRB review findings to realized risks. Findings for Phase A shall be taken from TMC evaluation reports. TMC findings for cost shall be applied to the most relevant of the four primary risk categories, since cost performance shall be tracked for each of the four and will cover all major and significant minor findings. Findings for PDR, CDR, ARR, and MRR will be primarily taken from IRT/SRB reports. Findings shall be tracked with each risk item.
- 4.4 Analyze data and develop findings, conclusions, and recommendations. Data from activities described in sections 4.1, 4.2, and 4.3 shall be analyzed to identify findings, conclusions, and recommendations. Analysis supporting this effort shall likely require some iteration with activities described in sections 4.1, 4.2, and 4.3 based on the results. The final product of this task is a complete listing of all study findings, conclusions, and recommendations.
- 4.5 Task Management & Reporting. This effort includes support for the interim presentation and final review reports, internal reviews and other meetings. Also included is the [REDACTED] task leader's time and effort to organize the task resources and track progress throughout the period of performance. The task leader shall also prepare and deliver the final task order completion documents (final memo, summary report, and completion approval form) upon completion of the period of performance.
5. **Deliverables:** Contractor shall deliver the following:
- 5.1 Study plan overview presentation charts.
 - 5.2 Preliminary Database of Risks, Mitigations, and Impacts
 - 5.3 Preliminary Database of Risk List with corresponding Review Findings
 - 5.4 Presentation charts and Interim Meeting Attendance/Support
 - 5.5 Final Database of Risks, Mitigations, and Impacts
 - 5.6 Final Database of Risk List with corresponding Review Findings
 - 5.7 Listing of Findings, Conclusions, and Recommendations
 - 5.8 Presentation charts, Final Report, and Final Meeting Attendance/Support
 - 5.9 Task Order completion documents.
6. **Government Furnished Items:** NASA will furnish copies of reports and other documents deemed relevant to this study. NASA will also assist in enabling access to appropriate individuals for the purpose of personal interviews and/or data collection.
7. **Other Information Needed for Task Performance:** None
8. **Period of Performance/Schedule:** The period of performance for this task order shall be January 11, 2010 through June 30, 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 Paragraph	Milestones	Dates
1	*	Start Date	On Award
2	4.1	Kick-Off Telecon	[REDACTED]
3	4.1	Preliminary Risk List with Mitigations and Impacts	[REDACTED]
4	4.2	Preliminary Risk Lists with Correlations to Review Findings	[REDACTED]
5	4.2	Interim Presentation	[REDACTED]
6	4.2	Final Risk List with Mitigations and Impacts	[REDACTED]
7	4.3	Final Risk Lists with Correlations to Review Findings	[REDACTED]
8	4.3	Final Findings, Conclusions, and Recommendations	[REDACTED]
9	4.3	Final Review Meeting	[REDACTED]
10	* 4.4	Task Complete	[REDACTED]

9. **NASA Task Management:**

Task Monitor (TM)

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 Fax: (757) 864-8894
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Contracting Officer's Technical Representative (COTR)

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