

ACITS3 TASK ORDER FORM

PART I - TASK ORDER INFORMATION - CIVIL SERVANT

Contract No.: NNA13AB88C		Contract Title: Ames Consolidated Information Technology Services (ACITS3) Contract		
Task Title: Rotorcraft Signature and Simulation Software Tools Development and Support			Start Date: April 1, 2014	End Date: September 30, 2014
Task Order No. Y06	Task Mod No. M0	Service Request No.	Customer Code Code YZ	SOW Reference C.3.1.4
TASK REQUESTER EMAIL: (b) (6)		NAME: Gerardo Nunez		PHONE: (b) (6)
FINANCIAL MANAGER EMAIL: (b) (6)		NAME: Adelaida Zarate Sibal		PHONE: (b) (6)
COMPUTER SECURITY OFFICER EMAIL: (b) (6)		NAME: Roy Shishido		PHONE: (b) (6)
TASK PREVIOUSLY COVERED BY ANOTHER CONTRACT OTHER THAN PREDECESSOR TO INCUMBENT? (If YES, provide in SOW) YES				
DOES THE TASK REQUIRE ACCESS TO GOVERNMENT DATABASES? (If YES, indicate in SOW) YES				

SECTION 508, ELECTRONIC AND INFORMATION TECHNOLOGY ACCESSIBILITY COMPLIANCE (EITAC)

DOES THE TASK INCLUDE EIT ITEMS (Please review the EITAC documentation) No, the task does not include EITAC items.

Upon receipt of this task order request, the contractor shall review the task requirement(s) and inform the Government, as part of its task order/modification response, any discrepancies between standards initially cited and those the contractor proposes to deliver to the Government. Examples of discrepancies include ODCs for which some other standard might be or become applicable and, as a result, require citation in the task order, as well as any cited standards that the contractor believes is not applicable (provide rationale). Note: If, by mistake, the task, including and ODC of the task, should not meet an applicable standard not cited by the requester, it is the requester, not the contractor who is a fault; and the requester must find a way (e.g., by modifying the task request) to bring the task into compliance. In such cases, the requester shall complete a revised ARC form 789 (or equivalent) before the task order/modification is approved.

GOVERNMENT FURNISHED EQUIPMENT (GFE)

Government will provide all appropriate equipment and software necessary for the performance of this task unless otherwise noted in this task order. The contractor in accordance with the contract can acquire equipment not presently available as GFE. Equipment identified as task unique will be expensed to the task in accordance with ACITS3 accounting policy, and will be defined as GFE in the Government inventory. All other equipment purchases will be depreciated and be contractor property. The contractor shall follow NASA Ames rules regarding movement and assignment of government owned equipment and ODIN supplied equipment and provide information upon request for the following: Property Assignments, Property Location, and Unused Equipment.

AFFIRMATIVE PROCUREMENT (See <http://www.epa.gov/cpg/products.htm>)

The item(s) being purchased are NOT on any of the EPA's Comprehensive Procurement Guideline lists. - AND -
They meet the minimum recycled/recovered content.

TASK DESCRIPTION - STATEMENT OF WORK - REQUIREMENTS

Please enter this information on pages 2, 3, and 4.

COTR SIGNATURE: KIRSTEN NAGEL	CO SIGNATURE: ANJENNETTE CONTRERAS-RODRIGUEZ
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PART 2 - TASK ORDER PLAN PROPOSAL - CONTRACTOR

CATEGORIES	CURRENT REQUEST	PRIOR CUMULATIVE ESTIMATE WITHOUT CURRENT REQUEST	TOTAL CUMULATIVE TASK ESTIMATE
Labor Hours:	(b) (4)		
Labor:			
ODC Subcontracting:			
ODC Material:			
ODC Travel:			
ODC Training:			
Program Mgt Cost:			
Fee:			
Totals:			

PART 3 - APPROVAL SUMMARY - BOTH

APPROVED BY	SIGNATURE AND DATE	EMAIL ADDRESS	PHONE
1. TECH AREA MGR.:	(b) (4), (b) (6) 03/26/2014	(b) (4), (b) (6)	(b) (4), (b) (6)
2. BUSINESS MGR.:	03/26/2014		
3. PROGRAM MGR.:	04/01/2014		
4. TASK REQUESTER:	NUNEZ,GERARDO.F (b) (6) 04/09/2014	(b) (6)	(b) (6)
5. DIVISION LEVEL:	FLETCHER,JAY.W (b) (6) 04/09/2014		
6. COTR:	KIRSTEN NAGEL 04/09/2014		
7. CO:	ANJENNETTE CONTRERAS-RODRIGUEZ 04/15/2014		

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PRICING Cost Plus Fixed Fee		FUNDING LEVEL TASK LEVEL		
<p>TASK DESCRIPTION - STATEMENT OF WORK REQUIREMENTS</p> <p>The purpose of this task is to develop software tools that will be used by the US Army Aeroflight Dynamics Directorate (AFDD), Concept Design and Analysis (CD&A) Tech Area in support of conceptual aircraft design and analysis. The tools will be used to generate signature data from CD&A developed aircraft models in support of Future Vertical Lift design activities and will also be used to post process results of constructive simulation.</p> <ol style="list-style-type: none"> 1. Visual Signature: Develop additional capability in visual signature model to include direct solar and lunar radiation contribution to the visual signature. 2. Electro-Optic: Expand the current visual signature prediction model to incorporate elements of many EO and night-vision system optics and detectors to provide detectability metrics for use in effectiveness analysis. 3. Constructive Simulation: Setup and run mission effectiveness analysis using ATCOM to assess the operational benefit of aircraft design attributes, both from a mission effectiveness perspective and from a survivability perspective. 4. Constructive Simulation Post Processing - Develop a set of post processing tools that will be used to extract specific measures of performance (MOPs), measures of effectiveness (MOEs) and operational cause and effects from the ATCOM output files. The tools should enable the extraction of detailed time histories for threat cuing, target classification, target prioritization, threat engagement, and aircraft response. 5. Effectiveness Assessment: Using the tools developed conduct mission effectiveness assessments for various rotorcraft configurations that the ADO will develop in support of Future Vertical Lift activities. Provide ADO with MOEs, MOPs and other mission effectiveness metrics. 				

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SPECIFIC DELIVERABLES AND DELIVERABLE DATES

No.	Type of Deliverable	Description of Deliverable	Date Required	Row Controls
1	Performance	Visual Signature Tool Demonstration	05/02/2014	
2	Performance	Electro-Optic Tool Demonstration	06/06/2014	
3	Performance	Documentation of Visual/Electro-Optic Tool	08/29/2014	
4	Performance	Initial Constructive Simulation	04/25/2014	
5	Performance	Constructive Simulation Post Processing Tool	07/25/2014	
6	Performance	Demonstration of Constructive Simulation Post Processing Tools	08/15/2014	
7	Performance	Mission Effectiveness Assessment of ADO conceptual aircraft designs	09/30/2014	
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TRAVEL, TRAINING AND MATERIALS REQUIREMENTS

No.	Type of Requirement	Description	Date Required	Row Controls
1	Travel	Visit to Ft. Rucker Air Maneuver Battle Lab	04/04/2014	
2	Travel	Visit to Army Research Lab (APG or Adelphi, MD)	06/06/2014	
3	Travel	Visit to NASA Langley/Ft Eustis	08/01/2014	
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WORK BREAKDOWN STRUCTURE (WBS) CHARGE POINTS

[illegible]

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IT SECURITY REQUIREMENTS

Consistent with NPG 2810.1, the specific IT Security requirements to be delegated to the contractor, under this ACITS3 task are as follows:
(Please address the following topics/questions, if applicable, concerning the intended task).

a. This Task's activities have been identified as being covered under an organizational IT Security Plan. This Task does not support applications that have been designated as a "Special Management Attention" applications. If "Special Management Attention" applications do exist please describe:

b. Periodic reviews of IT Security measures are necessary. What is the role of the ACITS3 contractor under this ACITS3 Task in areas such as review of user accounts, account management, data backup and restoration, use of warning banner, use of encryption, vulnerability scanning, and security tools?
Please describe as appropriate:
NA

c. Typically, the Task will not be involved with activities that require compliance with NASA's NPG 2810.1 and Ames' APG 2410.1 that define the requirements for reuse, reassignment or accessing of IT assets and/or their release for repair; if such an activity does occur, the Task Requester will be contacted to identify the civil servant who will have oversight and approval for reuse, reassignment or accessing of IT assets and/or their release for repair associated with this task.

d. The Task personnel are trained in NASA's and Ames' policies and procedures relating to IT Security and will participate in the required annually IT security training to maintain proficiency. There are specialized security training requirements associated with this task.

If appropriate, specialized training requirements are described as follows:
U.S. Army Annual Information Assurance (IA) Awareness Training
Other Army online IA training as directed

e. Is a security clearance needed for any personnel on this task? If so, what level of clearance is required?
Secret
The scope of the work is not classified, but there will be interfaces with a classified machine.

f. There are no other IT Security requirements associated with this ACITS3 Task.
If appropriate they are described as follows:

g. There are no specific IT Security Deliverables associated with this ACITS3 Task.
If appropriate they are as follows:

- ☐ IT Risk Assessment
- ☐ IT Security Plan
- ☐ IT Contingency Plan
- ☐ IT Security Vulnerability Test Results
- ☐ Results of periodic IT Security Reviews
- ☐ Other documentation as follows:
Report of status of IT Security Plan, Contingency Plan, and Risk Assessment of critical services provided by Code I

h. In the event of an IT Security Incident associated with systems and data under this Task, the Ames Chief Information Security Official, the Security Operations Center (SOC), and the Task Requester will be notified immediately by the contractor. In order to ensure full coordination, the following individuals will also be notified in the event of an IT Security Incident:

System Owner (Responsible for the applicable IT Security Plan)

Name: Roy Shishido

Phone: (b) (6)

Organization's Computer Security Official

Name: Roy Shishido

Phone:

Alternate System Owner

Name:

Phone:

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Note Creator		Note Title			Date Created
Note					
Note Creator		Note Title			Date Created
Note					
Note Creator		Note Title			Date Created
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