

## ACITS3 TASK ORDER FORM

## PART I - TASK ORDER INFORMATION - CIVIL SERVANT

<b>Contract No.:</b> NNA13AB88C		<b>Contract Title:</b> Ames Consolidated Information Technology Services (ACITS3) Contract		
<b>Task Title:</b> Human-Systems Interface Research		<b>Start Date:</b> November 1, 2013		<b>End Date:</b> September 30, 2014
<b>Task Order No.</b> Code Y04	<b>Task Mod No.</b> Original	<b>Service Request No.</b>	<b>Customer Code</b> Code YH	<b>SOW Reference</b> C.3.1.5
<b>TASK REQUESTER EMAIL:</b> (b) (6)		<b>NAME:</b> Ernie Morales		<b>PHONE:</b> (b) (6)
<b>FINANCIAL MANAGER EMAIL:</b> (b) (6)		<b>NAME:</b> Sam Cairns		<b>PHONE:</b> (b) (6)
<b>COMPUTER SECURITY OFFICER EMAIL:</b> (b) (6)		<b>NAME:</b> Charles Ingalls		<b>PHONE:</b> (b) (6)
TASK PREVIOUSLY COVERED BY ANOTHER CONTRACT OTHER THAN PREDECESSOR TO INCUMBENT? (If YES, provide in SOW) NO				
DOES THE TASK REQUIRE ACCESS TO GOVERNMENT DATABASES? (If YES, indicate in SOW) NO				

**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** Digitally signed by KIRSTEN NAGEL  
DN: c=US, o=U.S. Government, ou=NASA, ou=People, cn=KIRSTEN NAGEL, o=9242, postalCode=10011, email=Dan.2013.03.27.13.05.47@nsl

**CO SIGNATURE: ANJENNETTE CONTRERAS-RODRIGUEZ** Digitally signed by ANJENNETTE CONTRERAS-RODRIGUEZ  
DN: c=US, o=U.S. Government, ou=NASA, ou=People, o=9242, postalCode=10011, email=an.contreras@nasa.gov, cn=ANJENNETTE CONTRERAS-RODRIGUEZ

## PART 2 - TASK ORDER PLAN PROPOSAL - CONTRACTOR

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

### PART 3 - APPROVAL SUMMARY - BOTH

APPROVED BY	SIGNATURE AND DATE	EMAIL ADDRESS	PHONE
1. TECH AREA MGR.:	(b) (4), (b) (6) 11/19/2013	(b) (4), (b) (6)	(b) (4), (b) (6)
2. BUSINESS MGR.:	(b) (4), (b) (6) 11/19/2013	(b) (4), (b) (6)	(b) (4), (b) (6)
3. PROGRAM MGR.:	(b) (4), (b) (6) 11/19/2013	(b) (4), (b) (6)	(b) (4), (b) (6)
4. TASK REQUESTER:	MORALEZ ERNESTO (b) (6) 11/29/2013	(b) (6)	(b) (6)
5. DIVISION LEVEL:	MAIER, THOMAS H (b) (6)	(b) (6)	(b) (6)
6. COTR:	KIRSTEN NAGEL 12/04/2013	(b) (6)	(b) (6)
7. CO:	ANJENETTE CONTRERAS-RODRIGUEZ 12/04/2013	(b) (6)	(b) (6)

### ACITS3 TASK ORDER FORM (Continued)

<b>Contract No.:</b> NNA13AB88C		<b>Contract Title:</b> Ames Consolidated Information Technology Services (ACITS3) Contract			
<b>Task Title:</b> Human-Systems Interface Research			<b>Start Date:</b> November 1, 2013		<b>End Date:</b> September 30, 2014
<b>Task Order No.</b> Code Y04	<b>Task Mod No.</b> Original	<b>Service Request No.</b>		<b>Customer Code</b> Code YH	<b>SOW Reference</b> C.3.1.5
PRICING Cost Plus Fixed Fee			FUNDING LEVEL TASK LEVEL		

## TASK DESCRIPTION - STATEMENT OF WORK REQUIREMENTS

The purpose of this task is the design, integration, testing, and evaluation of software and hardware used for aviation human factors research as applied to helicopters and unmanned aerial system ground control station operations. This task shall support the human-systems interface research efforts of scientist and engineers with the U.S. Army Aeroflightdynamics Directorate, AFDD, (Code Y) at Ames Research Center.

## Task 1: Obstacle Database Software Development

1. The Terrain and Obstacle Avoidance Displays (TOAD) project is conducting research in the area of developing display and warning systems for terrain and obstacle avoidance for use in Army helicopters.

1.1 The task will develop, program, and implement five additional helicopter obstacle routes, including cell phone towers, power wires, antennas, buildings, trees, etc. of various heights and widths, into the U.S. Army database using the .FLT format for use in TOAD research simulation evaluations.

## Task 2: Flight Guidance Engineering Support

(b) (7)(E)

(b) (7)(E)

2.2 Analyze sample flight test data from flights at Moffett Field CA and Yuma Proving Ground AZ. In particular, evaluate whether any data is missing that should be collected during the formal flight testing in July 2013. As much as practical, evaluate the quality of the data.

(b) (7)(E)

2.4 Provide engineering technical flight test support. Support simulation integration and testing at the AFDD simulation facility at Moffett Field, CA, and at the AFRL “SIRE” simulator at Wright Patterson AFB, OH. Support aircraft integration and testing on the AFDD EH-60L flight test aircraft at Moffett Field, CA, and at Yuma Proving Ground, AZ.

(b) (7)(E)

### Task 3: Terrain and Obstacle Avoidance Display (TOAD) System Development

(b) (7)(E)

## ACITS3 TASK ORDER FORM (Continued)

<b>Contract No.:</b> NNA13AB88C		<b>Contract Title:</b> Ames Consolidated Information Technology Services (ACITS3) Contract		
<b>Task Title:</b> Human-Systems Interface Research		<b>Start Date:</b> November 1, 2013	<b>End Date:</b> September 30, 2014	
<b>Task Order No.</b> Code Y04	<b>Task Mod No.</b> Original	<b>Service Request No.</b>	<b>Customer Code</b> Code YH	<b>SOW Reference</b> C.3.1.5

### SPECIFIC DELIVERABLES AND DELIVERABLE DATES

No.	Type of Deliverable	Description of Deliverable	Date Required
1	Performance	Application software (including utilities, scripts, modifications, etc.)	
2	Performance	Test and evaluation software and data (including test scripts, results, etc.)	
3	Performance	Operating procedures and checklists	
4	Performance	Software description documents	+
5	Performance	Support Services	
6	Performance	Monthly reports	
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			

### TRAVEL, TRAINING AND MATERIALS REQUIREMENTS

No.	Type of Requirement	Description	Date Required
1	Training	Training specific to specific vendor software and hardware tools.	
2	Material	Books	+
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

## ACITS3 TASK ORDER FORM (Continued)

[illegible]

## ACITS3 TASK ORDER FORM (Continued)

<b>Contract No.:</b> NNA13AB88C		<b>Contract Title:</b> Ames Consolidated Information Technology Services (ACITS3) Contract		
<b>Task Title:</b> Human-Systems Interface Research		<b>Start Date:</b> November 1, 2013		<b>End Date:</b> September 30, 2014
<b>Task Order No.</b> Code Y04	<b>Task Mod No.</b> Original	<b>Service Request No.</b>	<b>Customer Code</b> Code YH	<b>SOW Reference</b> C.3.1.5

### 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:

N/A.

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 no specialized security training requirements associated with this task.

If appropriate, specialized training requirements are described as follows:

e. Is a security clearance needed for any personnel on this task? If so, what level of clearance is required?

A Secret security clearance may be required for some work under this task.

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: Roh Shishido

Phone:

(b) (6)

Organization's Computer Security Official

Name: Roy Shishido

Phone:

Alternate System Owner

Name: \_\_\_\_\_

Phone: \_\_\_\_\_