

ACITS-3 FORM

PART 1 - TASK ORDER INFORMATION

Contract No: NNA13AB88C		Contract Title: ACITS 3 NASA AMES		
Date: 8/5/2016		Task Title: EH-60L Flight Systems Engineering Support		
Task Order No.: Y33	Task Mod No.: Original	Service Request No.:	Customer Code: NASA/Ames Research Center	SOW Reference: C.3.1.5
Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		
Task Requester Email: (b) (6)		Name: Gary Fayaud		Phone: (b) (6)
Financial Manager Email: (b) (6)		Name: Charles Ingalls		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)				NO
SECTION 508, ELECTRONIC AND INFORMATION TECHNOLOGY ACCESSIBILITY COMPLIANCE (EITAC)				
Does the task include EIT items? (Please review the EITAC documentation)				NO
<p>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 the required agency forms (or equivalent) before the task order/modification is approved.</p>				
GOVERNMENT FURNISHED EQUIPMENT (GFE)				
<p>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 ASRC Federal Accounting policy, and will be defined as GFE in the Government inventory. All other equipment purchases will be depreciated and become contractor property. The contractor shall follow agency rules regarding assignment of government owned equipment and other government supplied equipment. The contractor shall provide information, such as, Property Assignments, Property Location and Unused Equipment, upon request.</p>				
AFFIRMATIVE PROCUREMENT (See http://www.epa.gov/cpg/products.htm)				
<p>The item(s) being purchased are NOT on any of the EPA's Comprehensive Procurement Guideline lists. - AND -</p> <p>They meet the minimum recycled/recovered content.</p>				
COTR SIGNATURE: Kirsten Nagel (8/31/2016)			CO SIGNATURE: Anjennette Contreras-Rodriguez (8/31/2016)	

ACITS-3 FORM (Continued)

PART 2 - TASK ORDER PLAN PROPOSAL				
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Categories	Current Request	Prior Cumulative Estimate Without Current Request	Total Cumulative Task Estimate	
Onsite Hours	(b) (4)			
Offsite Hours				
Total Hours				
Onsite Labor				
Offsite Labor				
Subtotal ARTS Labor				
Teammate/Subcontractor Labor				
Subtotal Teammate/Sub Labor				
Total Labor				
Materials				
Equipment				
Travel				
Training				
Miscellaneous				
Other Direct Costs Subtotal				
Total Cost				
PMO				
Fee				
Total Price				

ACITS-3 FORM (Continued)

PART 3 - APPROVAL SUMMARY

Contract No: NNA13AB88C		Contract Title: ACITS 3 NASA AMES		
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Approved By	Name	Date	Email	Phone
1. COTR Fayaud	Kirsten Nagel	8/31/2016	(b) (6)	(b) (6)
2. CO Fayaud	Anjennette Contreras-Rodriguez	8/31/2016	(b) (6)	(b) (6)

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Statement of Work - Requirements, part 1:

1. The purpose of this task is the design, development, integration, and testing of research and data acquisition systems for flight research and flight test evaluation on the (b) (7)(E) (b) (7)(E)

This task shall support the flight research and flight test efforts of scientists and engineers with the U.S. Army Aeroflightdynamics Directorate, AFDD, (Code Y) at Ames Research Center.

2. The task will develop hardware and software systems for helicopters that include the following: flight control systems, active inceptor systems, integration laboratory systems, navigation systems, guidance systems, cockpit display systems, data acquisition systems, sensor systems, and telemetry systems. Specific duties and responsibilities are as follows:

2.1 Design, develop and test reliable, well-written embedded computer system software. The software shall balance resources and timing requirements for a real-time environment.

2.2 Develop electrical and electronic system schematics that adhere to established electrical engineering principles and drawing standards.

2.3 Use established software tools (design, development, debugging) and technologies (operating systems, libraries, packages).

2.4 Use established hardware tools (oscilloscopes, logic analyzers, multimeters) and technologies (in-circuit emulators, data acquisition systems, bus analyzers).

2.5 Support the development of requirements specifications, test and development plans, preliminary and critical design reviews.

2.6 Develop test, evaluation, and troubleshooting processes to verify and validate (V&V) that the hardware and software systems meet requirements. Coordinate with project engineer, electrical engineer, mechanical engineer, and flight test engineer as required to perform system V&V.

2.7 Provide technical knowledge transfer and guidance in the areas of flight control systems, active inceptor systems, integration laboratory systems, navigation systems, guidance systems, cockpit display systems, data acquisition systems, sensor systems, and telemetry systems to ensure smooth transition of tasks and responsibilities.

(b) (7)(E)

Government Furnished Property:

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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		

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Travel, Training, and Materials Requirements				
No.	Type of Requirement	Description		Date Required
1.	Travel	Travel may be required to Boston for RFCC2 project (5 days for 1 person) in support of (b) (7)(E) flight research/test evaluation		2/13/2017

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Charge Points				
Charge Number	Description			
001	Flight systems engineering support			

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IT Security Requirements:

- a. Are this task's activities covered under an organizational IT Security Plan?: YES
- b. Does this task support applications that have been designated as a "Special Management Attention" application?: NO

If yes, please describe:

- c. Is specialized security training required?: NO

If yes, specialized training requirements are described as follows:

- d. Is a security clearance needed for any personnel on this task? NO

If yes, what level of clearance is required?:

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

- e. IT Security Deliverables associated with this task:

- IT Risk Assessment: NO
- IT Security Plan: NO
- IT Contingency Plan: NO
- IT Security Vulnerability Test Results: NO
- Results of Periodic IT Security Reviews: NO
- Other Documentation as Follows: Report of Status of IT Security Plan, Contingency Plan, and Risk Assessment of Critical Services: NO
- Other Documentation:

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IT Security Requirements (Continued):

- f. Periodic reviews of IT Security measures are necessary. What is the role of the contractor under this 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?

N/A

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

Title	Name	Phone
System Owner (Responsible for the applicable IT Security Plan)	Roy Shishido	(b) (6)
Organization's Computer Security Official	Roy Shishido	(b) (6)
Alternate System Owner		

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Are there any other IT Security requirements?:

No.