

ACITS-3 FORM

PART 1 - TASK ORDER INFORMATION

Contract No: NNA13AB88C		Contract Title: ACITS 3 NASA AMES		
Date: 8/21/2017		Task Title: Agency Cloud Computing Support		
Task Order No.: I50	Task Mod No.: Original	Service Request No.:	Customer Code: NASA/Ames Research Center	SOW Reference: C.3.1.1.7 and C.3.1.6.3
Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		
Task Requester Email: (b) (6)		Name: Raymond OBrien		Phone: (b) (6)
Financial Manager Email: (b) (6)		Name: Rafael Medina		Phone: (b) (6)
Computer Security Officer Email: (b) (6)		Name: Alex Eiser		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 (9/7/2017)			CO SIGNATURE: Anjennette Contreras-Rodriguez (9/12/2017)	

ACITS-3 FORM (Continued)

PART 2 - TASK ORDER PLAN PROPOSAL				
Contract No: NNA13AB88C		Contract Title: ACITS 3 NASA AMES		
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Task Order No.: I50	Task Mod No.: Original	Service Request No.:	Customer Code: NASA/Ames Research Center	SOW Reference: C.3.1.1.7 and C.3.1.6.3
Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		
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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Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		
Approved By	Name	Date	Email	Phone
1. COTR Obrien	Kirsten Nagel	9/7/2017	(b) (6)	(b) (6)
2. CO Obrien	Anjennette Contreras-Rodriguez	9/12/2017		

ACITS-3 FORM (Continued)

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Date: 8/21/2017		Task Title: Agency Cloud Computing Support		
Task Order No.: 150	Task Mod No.: Original	Service Request No.:	Customer Code: NASA/Ames Research Center	SOW Reference: C.3.1.1.7 and C.3.1.6.3
Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		

Statement of Work - Requirements, part 1:

This task continues the work conducted in FY17 covered under task I40.

A. Agency Cloud Computing Support

The work focuses on growth of the customer base and types of service, continued integration of commercial cloud services with existing NASA IT services; implementation of technical, security, and business mechanisms that enable the NASA enterprise cloud service approach; and the management and operation of enterprise cloud services. This task is targeted at continuing to evolve the development of Agency cloud services in parallel with FY17 operation of the initial capabilities supported by the Agency service office for cloud computing.

The high-level scope of work includes technical, security, and business aspects associated with developing and offering enterprise-class cloud computing services for the Agency.

The low-level scope of work involves the design and technical configuration of cloud computing environments; operation of common services that enable Agency use of cloud computing; process and procedure development and their on-going maintenance; operation of managed computing environments built using commercial cloud services; software development; cloud-based application deployment, maintenance, and operations; end-use-focused, cloud-based infrastructure and application support; cloud security operations; project management; technical writing; outreach and communications; service desk integration, off-shift on-call support during nights, weekends, and holidays; cloud network design and operations; customer on-boarding; service catalog development and integration; cloud skills development; travel and registration fees for cloud-related training and NASA approved conferences; and third-party certification of cloud computing security plans -- all targeted at supporting the offering of cloud services during FY17.

Skill sets required: cloud environment manager; cloud systems administrator, cloud integration developer, cloud technical engineer, network engineer/administrator, cloud solution architect, cloud application developer, project manager, communications and outreach specialist; and IT business specialist.

B. NASA Cloud Assessment and Authorization (A&A)

This Code I effort will provide an agency-wide methodology to address the Assessment and Authorization (A&A) and IT Governance of NASA users of cloud computing for the NASA OCIO Computing Services Program Office (CSPO).

This task is to provide support for the EMCC project for the NASA Agency. The focus of this task will provide governance constructs, workflows and guidance to NASA Agency on Cloud Computing through the CSPO.

This effort will continue to develop an agency-wide methodology to address the Assessment

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and Authorization (A&A) and IT Governance of NASA users of cloud computing for the NASA OCIO Computing Services Program Office (CSPO). With OMB mandates like "cloud-first" and the Federal Risk and Authorization Management Program (FedRAMP), NASA data will increasingly move into cloud computing services. Without policies, mechanisms, and procedures to guide NASA users' provisioning and use of cloud computing, NASA faces non-compliance with Federal Information Security Management Act (FISMA), potential loss of control over agency data, and an inability to effectively respond to security incidents involving clouds. The NASA Cloud Assessment and Authorization (NCAA) effort is to understand these emerging requirements, assist in developing policies and processes to address them, and develop a methodology to address FISMA compliance and IT Governance for CSPO users of cloud computing.

Statement of Work - Requirements, part 2:

Travel/Training/Material requirements are stated in the above table. B

Government Furnished Property:

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 ACES supplied equipment and provide information upon request for the following: Property Assignments, Property Location, and Unused Equipment.

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Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		
Specific Deliverables and Deliverable Dates				
No.	Type of Deliverable	Description of Deliverable		Date Required
1.	Performance	Produce monthly cloud utilization and charging reports for review by CSSO management before transmittal to customers.		
2.	Performance	Produce monthly summary report of CSPO meta-layer configuration changes, service outages, service impacts, and tickets closed. (Chpt 001)		
3.	Performance	Produce monthly summary report of General Purpose Managed Cloud Environment (GP MCE) configuration changes, service outages, service impacts, and tickets closed. (Chpt 016)		
4.	Performance	Produce monthly summary report of support for CSPO customers" (MCE Operators and, if applicable, their users) receiving support under this task. (Chpt 010, 011)		
5.	Performance	Produce monthly summary report of projects operating within the GP MCE that are managed by the operational infrastructure and/or application teams. (Chpt 012)		
6.	Performance	Produce monthly summary of progress on activities focused on CSPO network architecture, design, and operations (Chpt: CSSO 017)		
7.	Performance	Produce monthly summary of significant steps, milestones, major activities completed that increase CSPO's operational maturity as it applies to the GP MCE. (Chpt 016)		
8.	Performance	Service Asset and Configuration Management (SACM): Document new/updated/matured constructs towards implementation & integration with ServiceNow and other mechanisms as identified.		
9.	Performance	RISCS: Document new/updated/matured Development & Integration of RISCS capabilities within NCAA Framework to include: Migration of existing GP-MCE Operations into RISCS; Develop & Implement SaaS constructs within RISCS (Agency & Center)		
10.	Performance	CASB Service: Document new/updated/matured Development & Integration of CASB service capabilities within NCAA Framework to include: Support security vetting for On-Boarding of CSPs; Support security vetting for ConMon of CSPs; Develop approach for SaaS discovery, dispositioning, and subsequent processing.		
11.	Performance	NCAA Framework Implementation: Support work activities integral to implementation of NCAA Framework (e.g. participation in CSPO workshops, working sessions, stakeholder meetings, etc.)		

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Order Type: Cost Plus Fixed Fee		Funding Level: Task Level Funding		
Travel, Training, and Materials Requirements				
No.	Type of Requirement	Description		Date Required
1.	Material	Exceedium/CA Maintenance agreement - this specialized tool could not be purchased through ELMT for FY18 - Will vet this through ELMT and provide waiver at time of purchase.		11/30/2017
2.	Material	Cloud checkr - this specialized tool could not be purchased through ELMT for FY18 - Will vet this through ELMT and provide waiver at time of purchase.		12/15/2017
3.	Material	CASB - security tool - this specialized tool could not be purchased through ELMT for FY18 - Will vet this through ELMT and provide waiver at time of purchase.		2/15/2018
4.	Training	Microsoft Azure Cloud conference - 2 people - in support of Agency Cloud Services		3/26/2018
5.	Training	Renewal of our Cloud Academy training program (ODC) training courseware for 10 seats.		10/15/2017
6.	Travel	AWS (Amazon Web Services) re:invent conference - 4 people -- in support of Agency Cloud		11/26/2017
7.	Travel	Microsoft Azure Cloud conference - 2 people - - in support of Agency Cloud		3/25/2018
8.	Travel	Travel for 1 person to a non-Ames NASA Center to attend a Cloud technical meeting in support of Cloud networking, integration, and security.		10/29/2017
9.	Travel	Travel for 1 person to a non-Ames NASA Center to attend a Cloud technical meeting in support of Cloud networking, integration, and security.		2/25/2018
10.	Travel	Travel for 1 person to a non-Ames NASA Center to attend a Cloud technical meeting in support of Cloud networking, integration, and security.		5/27/2018
11.	Travel	Travel for 1 person to a non-Ames NASA Center to attend a Cloud technical meeting in support of Cloud networking, integration, and security.		8/26/2018
12.	Material	75 cloud authentication devices		10/16/2017
13.	Training	AWS (Amazon Web Services) re:invent conference - 4 people - in support of Agency Cloud		8/15/2018

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Charge Points				
Charge Number	Description			
001	Agency Cloud CSPO Meta-layer Operations			
002	Agency Cloud Integration			
003	Agency Cloud Project Management			
004	Agency Cloud Task Management			
005	Agency Cloud Operations Training			
006	Agency Cloud Business Operations			
007	Agency Cloud Communications			
008	Agency Cloud Security			
009	Agency Cloud Applications Training			
010	Agency Cloud MCE Operator and User Support at IaaS and PaaS layers			
011	Agency Cloud MCE Operator and User Support at Application Layer			
012	Agency Cloud GP MCE Managed Hosting and managed Application Support			
013	Agency Cloud Security Training			
014	Agency Cloud Professional Services			
015	Agency Cloud Assessment and Authorization			
016	Agency Cloud Networking			
017	Agency Cloud GP MCE Operations			
018	Agency Cloud Governance			

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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?:

e. IT Security Deliverables associated with this task:

- IT Risk Assessment: YES
- IT Security Plan: YES
- IT Contingency Plan: YES
- IT Security Vulnerability Test Results: YES
- Results of Periodic IT Security Reviews: YES
- Other Documentation as Follows: Report of Status of IT Security Plan, Contingency Plan, and Risk Assessment of Critical Services: YES
- 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?**

Carry out all aspects of security associated with each position under this task as appropriate for the provisioning of customer access to NASA-integrated commercial cloud computing services or the operation of applications, workloads, or services managed by this task.

- 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)	Ray Obrien	(b) (6)
Organization's Computer Security Official	John Nguyen	
Alternate System Owner		