Attachment J-01

NASA ARMSTRONG FLIGHT RESEARCH CENTER

IDIQ

STATEMENT OF WORK

FOR THE

UNMANNED AIRCRAFT SERVICES (UAS) INTO THE NATIONAL AIRSPACE SYSTEM (NAS) FAA TEST SITE OPERATOR SUPPORT SERVICES

RFP No.: NND15548481R

27 MAY 2015

I. GENERAL

1.0 Background

The NASA Armstrong Flight Research Facility (AFRC), P.O. Box 273, Edwards, CA has a requirement to leverage the Federal Aviation Administration (FAA) Unmanned Aircraft Services (UAS) Test Sites to conduct research tasks into unmanned and autonomous flight technologies that will provide the Center a contracting vehicle to award individual Task Orders for a full range of services to support the AFRC UAS in the NAS Office.

The FAA MODERNIZATION and REFORM ACT (FMRA) of 2012, PL-112-95, required the FAA to establish a program to integrate unmanned aircraft systems (UAS) into the National Airspace System (NAS) at six (6) Test Ranges. The FAA authorized six Test Sites for the purpose of research, development, and testing of Unmanned Aircraft Systems (UAS) aircraft to support integration of unmanned aircraft into the National Airspace System (NAS). The expectation of the Test Sites is that they will bring unique capabilities and airspace features to the UAS community in order to facilitate the testing required to enable NAS access. It is anticipated that as concepts, technologies, and test techniques mature, the Test Sites will provide expanded testing infrastructure including Certificates of Authorization (COAs) for unmanned flight.

There are several major outcomes of this effort. These outcomes span two NASA projects, UAS Traffic Management (UTM) and UAS Integration in the NAS (UAS-NAS). NASA has prepared this acquisition strategy in order to promote all test sites individually to participate in NASA activities, as well as to encourage teaming across test sites to gain cost efficiencies and maximize research data that will be delivered to NASA.

The Government anticipates establishment of multiple IDIQ Contracts as a result of this RFP for the services described herein. Firm Fixed Price, Cost Reimbursement and or Time and Materials Task Orders will be issued under the respective IDIQ Contracts for project specific services.

1.1 Objectives

The objective of the NASA UAS in the NAS Project is to help integrate unmanned air vehicles into the world around us. The Unmanned Aircraft Systems Integration in the National Airspace System project, or UAS in the NAS, will contribute capabilities designed to reduce technical barriers related to safety and operational challenges associated with enabling routine UAS access to the NAS.

1.2 Scope

There are several major outcomes of this effort. These outcomes span two NASA projects, UAS Traffic Management (UTM) and UAS Integration in the NAS (UAS-NAS). NASA invites test sites to participate in NASA activities, as well as to encourage teaming across test sites to gain cost efficiencies and maximize research data that will be delivered to NASA.

1.2.1 Place of Performance

Support will primarily be provided at the Test Site Operator facilities, NASA Armstrong Flight Research Center, other NASA Center or other locations as designated. No travel required.

1.2.2 Period of Performance

The period of performance for this requirement will be five (5) years from the date of contract award.

II. GENERAL GUIDELINES FOR TASKS

The Center intends to establish multiple IDIQs with UAS Test Site Other with FAA Transaction Agreements designation contract holders. Upon award of the IDIQs and in accordance with (IAW) the fair opportunity to compete clause contained in the RFP, the ordering activity shall forward the identified requirement, performance work statement (PWS) or statement of work (SOW) as applicable, contract type and evaluation criteria to all IDIQ holders unless a separate determination is made in accordance with FAR 16.505(b)(2)(i) to request quotations from a lesser number. Factors such as technical capability, price, past performance on prior Task Orders (quality of deliverables/services, timeliness, and cost control), and socioeconomic considerations may be considered in determining award of individual Task Orders. The Center will evaluate all responses received and place the Task Order with the IDIQ holder that represents best value. Contractors may be required to respond to a Task Order RFP in as little as one or two days.

III. PERFORMANCE REQUIREMENTS SUMMARY

Task Order Performance Objectives will be identified in the individual Task Orders.

IV. DELIVERABLES

Task Order Deliverables will be identified in the individual Task Orders.

V. GOVERNMENT FURNISHED PROPERTY

The Contractor shall report annually any NASA property in Custody of Contractors that has been furnished or that has been acquired by the Contractor under the terms of the Contractor. The report shall be submitted on NASA Form 1018 no later than June 30th of each year. Specific instructions for the preparation of NASA Form 1018 are contained in NASA FAR Supplement Subpart 1845.71.