

National Aeronautics and Space Administration (NASA)  
Dryden Flight Research Center (DFRC)

**JUSTIFICATION FOR OTHER THAN FULL AND OPEN  
COMPETITION (JOFOC)**

- 1. This document is a justification for other than full and open competition prepared by the NASA Dryden Flight Research Center.**
- 2. The nature and/or description of the action being approved:**

We recommend that the Government acquire the services specified by the Procurement Request (PR) identified above via other than full and open competition. This procurement is a twelve (12) month extension to existing contract NAS4-00047 for Research Facilities and Engineering Support Services (RF&ESS) with Arcata and Associates on a cost plus award fee basis. This extension will allow DFRC to maintain continuity of critical RF&ESS services for the period February 1, 2013 through January 31, 2014. This extension is required due to delays in awarding the follow-on contract, including a lengthy acquisition process and a North American Industry Classification System (NAICS) Code selection appeal and new NAICS Code designation. A previous six (6) month contract extension was processed, extending the period of performance from August 1, 2012 through January 31, 2013, in accordance with NASA Procurement Information Circular 00-22.

- 3. Description of the supplies or services required, include an estimated value:**

Services received under this contract are critical to mission operations of DFRC. The services provided include support for the Western Aeronautical Test Range (WATR), Research Aircraft Integration Facility (RAIF) and Information Technology (IT) Support Services (ISS).

- WATR sustaining and developmental engineering and operations services, including telemetry/radar acquisition and processing (TRAPS) hardware and software, range display systems, real-time hardware and software processing, tracking and mobile systems, and communications and video control center
- RAIF sustaining and developmental engineering and operations, including simulation hardware design and integration, systems engineering and facility integration, and simulation project support to Remotely Augmented Vehicles (RAV) and Remotely Piloted Research Vehicles (RPRV)

- Information Technology Support Services (ISS), including Chief Information Office (CIO) and IT security support, central computer systems services, database analysis, programming support and web development, phone operations, cable plant services and help desk and scheduling services. IT management and operations includes systems engineering and protective services information systems. Multimedia systems support, includes audio and video technical support, imaging services, administrative and in-flight photography and video, and graphics and illustration services.

These are critical tasks in carrying out the DFRC mission, requiring experienced and skilled personnel. Performance of these services provides for the set-up, operation, maintenance and engineering of ground-based aeronautical research and low-earth orbit vehicle support systems, aeronautical simulation systems, airborne video support, as well as a center-wide IT infrastructure at DFRC. These systems include mission control centers, radar systems, telemetry systems, communications and optics systems, along with highly specialized flight termination systems. The Simulations group consists of highly specialized airborne modeling systems and flight simulators. Support of the IT infrastructure includes the management, maintenance and troubleshooting of all IT systems that support the Dryden campus. No flight research and development activities, the core of DFRC's mission, would be able to occur without the services provided under this contract. Therefore, continuity of services is required pending the award of the follow-on procurement, anticipated by December 14, 2013.

The estimated value of the services for this twelve (12) month extension is \$20,039,000. The Independent Cost Estimate was developed based on historical costs incurred over the last six months of the current effort, as well as a review of the continuing requirements during the extended performance period.

**4. Statutory authority permitting other than full and open competition:**

This requirement will be procured under the statutory authority permitting other than full and open competition, FAR 6.302-1, Only one responsible source and no other supplies and services will satisfy agency requirements (10 U.S.C. 2304(c)(1)).

**5. A demonstration that the proposed contractor's unique qualifications or the nature of the acquisition requires use of the authority cited:**

The current contractor, Arcata and Associates, has been performing these services for the period of August 1, 2002 through present. This contractor has the specialized experienced personnel to provide these services. It would not be cost effective to execute a contract for only 12 months to a new contractor to perform these services while NASA is in the process of completing source

selection for the follow-on contract. Additionally, Arcata Associates, Inc. is the only contractor that can meet the NASA DFRC needs given the short period remaining to extend the existing contract.

**6. Description of the efforts made to ensure that offers are solicited from as many potential sources as practicable:**

No other offers will be solicited as we are currently in the source selection process for the follow-on RF&ESS procurement. It would be impracticable, and not in the Government's best interest, to solicit sources for this extension while DFRC is conducting a competitive follow-on procurement. A synopsis will be posted on the Federal Business Opportunities website to notify the public of NASA's intent to extend the subject contract and provide instructions for interested parties to submit their capabilities.

**7. Description of the market survey conducted, and the results, or a statement of the reasons a market survey was not conducted:**

Although there is a possibility that there may be other sources capable of providing these services at DFRC for this 12-month extension period, it is not in NASA's best interest to award a competitive contract to bridge the period between the expiration of these services and the award of a new RF&ESS contract.

**8. Other facts supporting the use of other than full and open competition:**

Arcata and Associates is highly qualified to continue performance of the RF&ESS effort at DFRC and to permit the Center time to complete the source selection process for the follow-on procurement. Arcata's performance has been characterized as excellent during the 10-year period of the current contract.

Installation provided property will be provided to the contractor in this procurement.

No current or former NASA employees are expected to support this effort on the contractor's behalf.

**9. Sources, if any, that expressed an interest in writing in the acquisition:**

A notice of this extension will be posted on the Federal Business Opportunities website. A 15-day response time, as required by FAR 5.203(a), will be provided for sources to express interest in this acquisition. If the Government receives any responses which may change the content of this document, an updated JOFOC will be amended.

**10. The actions, if any, the agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required:**

Previous competition for RF&ESS was adequate. The proposed extension is due solely to the need to continue the provision of critical RF&ESS to DFRC and allow the Center time to complete a follow on RF&ESS contract. Therefore, there are no actions the agency needs to take to remove or overcome any barriers to competition.

**11. A determination by the Contracting officer that the anticipated cost to the Government will be fair and reasonable.**

The Contracting Officer anticipates the cost to the Government will be fair and reasonable. Sufficient cost data submitted on NASA Form 533s under the contract will form the basis of that determination. Prior to the award of this extension, a proposal analysis will be performed in accordance with FAR 15.404. The analysis will ensure that the final agreed-to amount or the extension is fair and reasonable. Analysis will include cost and price evaluation techniques. Pre-negotiation objectives will be prepared and approved prior to the initiation of negotiations in accordance with FAR 15.406.

For the foregoing reasons, Arcata and Associates is the only responsible source to support the critical requirement for essential Research Facilities and Engineering Support Services at DFRC during the twelve (12) month performance period.

Technical Officer: I certify that the supporting data presented in this justification are accurate and complete.

  
 \_\_\_\_\_  
 Dave Jones, COR

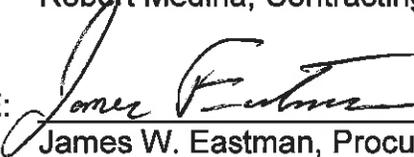
12/4/12  
 Date

Contracting Officer: I hereby determine that the anticipated cost to the Government will be fair and reasonable and certify that this justification is accurate and complete to the best of my knowledge and belief.

  
 \_\_\_\_\_  
 Robert Medina, Contracting Officer

12/5/12  
 Date

CONCURRENCE:

  
 \_\_\_\_\_  
 James W. Eastman, Procurement Officer

12/12/12  
 Date

CONCURRENCE:

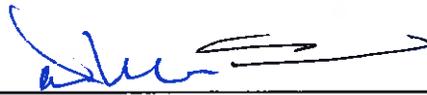


Patrick Stoliker, Center Competition  
Advocate

12/12/12

Date

APPROVED:



David McBride, Center Director

12/13/12

Date