

**1. This document is a justification for other than full and open competition prepared by NASA's Armstrong Flight Research Center (NASA AFRC).**

**2. The nature and/or description of the action being approved:** Chapter 10 data/video recorder/video encoder

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

This procurement will provide a single hardware unit Chapter 10 data/video recorder/video encoder for the NASA Armstrong F-15D Instrumentation Development effort.

MDR-8sfRC, 8 slot Ch. 10 recorder

MVCR1A, SD video input module (Qty. 2)

MVCR3, HD video input module (Qty. 2)

SBP, MDR Slot Blanking Plate (Qty. 3)

RRM1200, 1.2 TB Rugged Dual Drive solid state RAID (Qty. 2)

W101, Download Station for DSM/RSM/RRM cartridges

Hybrid module, 3x PCM and 2x Ethernet inputs, 3x PCM outputs

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

This requirement will be procured under statutory authority 41 U.S.C. 3304(a)(1) per FAR 6.302-1, Only one responsible source and no other supplies or services will satisfy agency requirements.

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

Zodiac Aerospace (Heim) is the only manufacturer that offers a flight rated IRIG 106 Chapter 10 data recorder, video recorder, and H.264 HD video encoder contained in a single compact unit. Alternative brands will not be compatible with the space limitations and existing electrical design of the F-15D instrumentation system. The government would incur significant costs to modify the system.

**6. Description of the efforts made to ensure that offers are solicited from as many potential sources as practicable, including whether a notice was or will be publicized as required by Federal Acquisition Regulation (FAR) 5.202:**

A notice of contract action will be posted to the Federal Business Opportunity (FBO) website to allow interested vendors to submit a response.

**7. A determination by the contracting officer that the anticipated cost to the Government will be fair and reasonable:**

The Government expects to obtain fair and reasonable pricing as each item is listed on the Air Force IDIQ.

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

An internet search was conducted of alternate manufacturers. Requirements were discussed with representatives of TTC and Delta Digital Video. It was determined that they do not have an equivalent unit at this time.

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

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

There were no other sources that expressed an interest in this requirement.

**11. The actions the Agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required:**

NASA AFRC will continue to research the commercial market for changing technology and vendors that have the ability to meet the requirement.

**12. Contracting officer certifies that the justification is accurate and complete to the best of the contracting officer's knowledge and belief.**

**JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION**

**Initiator:** I certify that the facts presented in this Justification are accurate and complete.

Mark Bowden  
Signature

8/20/2015  
Date

**Contracting Officer:  
(Concurrence)**

[Signature]  
Signature

8/20/15  
Date

**Procurement Officer:  
(Approval)**

[Signature]  
Signature

8-31-15  
Date