



## DEPARTMENT OF THE NAVY

NAVAL SURFACE WARFARE CENTER  
DAHLGREN DIVISION  
6149 WELSH ROAD, SUITE 203  
DAHLGREN, VIRGINIA 22448-5117

IN REPLY REFER TO

4200  
CXS13-13  
N00178-12-R-3007  
J&A # DL13119

### JUSTIFICATION AND APPROVAL FOR USE OF OTHER THAN FULL AND OPEN COMPETITION

#### JUSTIFICATION

1. **CONTRACTING ACTIVITY.**

The Naval Surface Warfare Center, Dahlgren Division, Contracts Division

2. **DESCRIPTION OF THE ACTION BEING APPROVED.**

Award of a firm fixed price contract on a sole source basis for a Baseline Antenna Measurement System to Orbit FR.

3. **DESCRIPTION OF SUPPLIES/SERVICES.**

The proposed contract is for a Baseline Antenna Measurement System and will include hardware, software, and training. The system will upgrade the Z17 Anechoic Chamber and allow it to resume antenna measurement capabilities.

The estimated value of this contract is \$600,000 and will be funded with CIP funds. Delivery is expected no later than 30 April 2013.

	FY13	Total
CIP	\$600,000	\$600,000

In accordance with FAR 6.303-2(b), the government's minimum needs have been verified by the certifying technical and requirements personnel.

4. **STATUTORY AUTHORITY PERMITTING OTHER THAN FULL AND OPEN COMPETITION.**

10 U.S.C.2304(c)(1) as implemented by FAR 6.302-1(a)(2), Only one responsible source and no other supplies or services will satisfy agency requirements

5. **RATIONALE JUSTIFYING USE OF CITED STATUTORY AUTHORITY.**

Orbit FR is uniquely qualified to provide a Baseline Antenna Measurement System that meets the government requirements. The system must be 100% compatible with systems currently being used at other warfare center anechoic chambers to allow collaborative work efforts. Z17 interfaces with the Mission Applications Branch (A43) at NSWC Panama City and Q52 at NSWCDD. The Anechoic Chambers at NSWC Panama City (A43) and NSWCDD (Q52) both utilize Orbit FR systems. The warfare centers have a working relationship so that if one chamber is overbooked, they share the work. This requires the chambers to be 100% compatible in the data they measure and create. The data gathered using the Orbit FR system is stored in a proprietary format that can only be accessed and manipulated with another Orbit FR system. No other system can provide the required compatibility to share data between the other warfare center anechoic chambers.

6. **DESCRIPTION OF EFFORTS MADE TO SOLICIT OFFERS FROM AS MANY OFFERORS AS PRACTICABLE.**

In accordance with FAR 5.2, the proposed contract was synopsisized via posting on the Federal Business Opportunities (FBO) website on 22 June 2012 and no other potential sources expressed an interest in this requirement. No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5 above, for any other company other than Orbit FR to provide the required Baseline Antenna Measurement System.

7. **DETERMINATION OF FAIR AND REASONABLE COST.**

The Contracting Officer has determined the anticipated cost to the Government of the supplies covered by this J&A will be fair and reasonable.

8. **ACTIONS TO REMOVE BARRIERS TO COMPETITION.**

For the reasons set forth in paragraph 5, the Naval Surface Warfare Center, Dahlgren Division has no plans at this time to compete future contracts for the types of supplies covered by this document. If another potential source emerges, the Naval Surface Warfare Center, Dahlgren Division will assess whether competition for future requirements is feasible.

