



DEPARTMENT OF THE NAVY
NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION
12211 SCIENCE DRIVE
ORLANDO, FLORIDA 32826-3224

IN REPLY REFER TO:
J&A Number: 16-0363

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

1. Contracting Activity.

Naval Air Warfare Center Training Systems Division (NAWC-TSD) Orlando, FL

2. Description of the Action Being Approved.

The Government intends to issue a sole source contract to Environics, Inc. (furthermore known as Environics), Tolland, CT, to provide the required auxiliary equipment for twenty-eight (28) Reduced Oxygen Breathing Devices 2 (ROBD2) in support of Dynamic Hypoxia Training (DHT) in F/A-18, F-35, and AV-8B simulators in the fleet. COMNAVAIRFOR currently uses the Environics Series 6202 ROBD2s to train USN/USMC aircrew to recognize the signs and symptoms of hypoxia and to perform the appropriate emergency procedures.

3. Description of Supplies/Services.

The requirement is for the procurement of twenty-eight (28) shipping cases, hoses, regulators, oximeter finger sensors, fan filters, filtered orifices, and viton tubes for use with the Series 6202 ROBD2s. In addition, (15) fifteen 20-ft pulse ox cables are needed for Joint Strike Force (JSF) aircraft compatibility. This anticipated delivery is in less than ninety days after contract award.

Estimated Dollar Value in Thousands

	FY 16	Total
RDT&E		
APN		
O&MN		
Total		

4. Statutory Authority Permitting Other Than Full and Open Competition.

10 U.S.C. 2304(c)(1), Only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority.

The U.S. Navy holds the patent for the ROBD (U.S. Patent Application No. 10/959.764). At this time, Environics is the only contractor licensed to build the ROBDS utilizing the Navy's patent. The required auxiliary equipment is also manufactured by Environics and is the only equipment designated for use with ROBDS to ensure full compatibility. Failure to acquire the required auxiliary equipment from Environics for ROBD2 Series 6202 devices will result in greater risks to configuration management, sparing, technical (preventative and corrective maintenance requirements) and operational support that cannot be adequately or cost-effectively supported.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable.

A sole source intent synopsis was posted to Navy Electronic Commerce Online from 14 June 2016 to 29 June 2016, to determine if there were any other companies capable of providing the required auxiliary equipment for ROBD2. No responses were received from this synopsis. Limited market research was conducted to verify that no other contractor holds a license from the U.S. Navy under U.S. Patent Application No. 10/959.764 to build because Environics is the only company authorized to build the U.S. Navy patented ROBDS. In light of the above, market research was also limited in determining alternate contractors for the stated auxiliary equipment since Environics manufactures the equipment specifically for use with their ROBDS, guaranteeing full compatibility.

7. Determination of Fair and Reasonable Cost.

In accordance with FAR 15.402, the Contracting Officer shall ensure that all supplies and services provided under this contract are procured at a fair and reasonable price. Price analysis will be performed in accordance with FAR 15.404-1(b)(2) to ensure a fair and reasonable price. For this procurement, the Contracting Officer will do a comparison of proposed prices to historical prices paid, whether by the Government or other than the Government, for the same or similar items and ensure that a valid comparison with similar terms and conditions exist.

8. Actions to Remove Barriers to Future Competition.

For the reasons set forth in Paragraph 5, NAWCTSD has no plans at this time to compete future contracts for the types of supplies/services covered by this document. If another potential source emerges, NAWCTSD will assess whether competition for future requirements is feasible.