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NAVAL AIR WARFARE CENTER WEAPONS DIVISION
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IN REPLY REFER TO:
J&A_12_22474

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

1. Contracting Activity.

Naval Air Warfare Center Weapons Division (NAWC-WD) - China Lake, CA

2. Description of the Action Being Approved.

This Justification and Approval authorizes and approves on a sole source basis a firm fixed price contract providing upgrades to the Electronic Safe Arm Device (ESAD) Centrifuge Test Set. This effort will provide integration and support of existing L-3 Fuze & Ordnance designed and developed centrifuge test set. This effort is in conjunction with J&A 10-142 which procured the ESAD centrifuge test set for Evolved SEASPARROW Missile (ESSM). L-3 Fuze & Ordnance, formerly KDI Precision Products of Cincinnati, OH is the fuze manufacturer of the MK13 Mod 3 for the Rolling Airframe Missile (RAM), FSU-25/B for the AIM-9X, and MK88 for the Evolved Sea Sparrow Missile (ESSM).

3. Description of Supplies/Services.

This acquisition is for two centrifuge based nests and applicable software upgrades for the purpose of arming and executing the electronic safe arm devices (ESADs) for the Rolling Airframe Missile (RAM) and Sidewinder AIM-9X.

See Appendix A for Estimated Dollar Value

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 Naval Air Warfare Center Weapons Division (NAWCWD) is required to perform ordnance assessment on all missiles and bombs used by the U.S. Navy. NAWCWD is responsible to perform ordnance assessment on the fuzes that are incorporated in the RAM (MK13 Mod 3) and Sidewinder AIM-9X (FSU-25/B). This naming convention for the subject fuzes is the Government's classification which is not consistent with the contractor naming convention. L-3 Fuze & Ordnance is the original equipment manufacturer for the MK13 Mod 3 and FSU-25/B fuzes and ESAD software developer. In order to arm and fire the test units, the ESAD software has to be compatible with the circuit cards in the respective fuze. L-3 Fuze & Ordnance developed the software that is embedded in the existing ESSM test set that activates the

test fuze. L-3 Fuze & Ordnance is the only contractor that has the capability to arm and execute the above mentioned fuzes and integrate the hardware required for the MK13 Mod 3 and FSU-25/B configurations within the existing ESSM ESAD test set. The Government does not possess adequate rights to L-3 Fuze & Ordnance ESAD Software to competitively award this requirement.

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

Through market research, two hardware equipment wholesale vendors were identified which can provide hardware parts for the requirement. However, due to the Government restricted rights to the ESAD software, the Government is unable to competitively solicit this requirement as L-3 Fuze & Ordnance is the original developer of the ESAD software. As such, L-3 Fuze & Ordnance is the only integrator of the software with the hardware configurations for the FSU-25/B and MK13 Mod 3 fuzes within the existing Government owned ESAD test set. The pre-solicitation notice was published in FedBizOpps on 26 April 2012 and no responses were received.

7. Determination of Fair and Reasonable Cost.

The negotiation and establishment of a fair and reasonable price will be conducted in accordance with FAR 15.4. As stated in FAR 15.402, the Contracting Officer shall purchase all supplies and services at fair and reasonable prices. Analysis of the proposal will be performed by technical analysts and the Contract Specialist, with assistance of DCMA and DCAA as needed. The Government will also utilize historical price data to the extent possible to establish fair and reasonable price.

8. Actions to Remove Barriers to Future Competition.

NAWCWD does not expect to upgrade the ESAD test set for any other platforms.

Appendix A

Estimated Dollar Value In Thousands

	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Total
(b)(2)High								
Total	300	0	0	0	0	0	0	\$ 300 k