DEFENSE LOGISTICS AGENCY
DLA Maritime Mechanicsburg
5450 CARLISLE PIKE
MECHANICSBURG, PA 17055-0788

JUSTIFICATION AND APPROVAL FOR OTHER THAN FULL AND OPEN COMPETITION

1. **Identification of Agency and/or Contracting Activity:** Defense Logistics Agency (DLA) Maritime at Mechanicsburg.

2. **Nature/Description of Action:** This J&A supports the negotiation and award of a firm-fixed-price contract through other than full and open competition. The proposed contract action is to purchase 49 each Digital Converters for the Cooperative Engagement Capability (CEC) Weapon System.

3. **Description of Supplies:** This J&A covers the acquisition of the following item (spare part) used in support of the Cooperative Engagement Capability (CEC) Weapon System:

   Converter, Digital, NSN 7HH 7050 016126039, Raytheon Company, Cage code 00724, Part Number 8423670-001

NSN	Estimated Unit Price	Estimated Total Value
7050- 01-612-6039	[redacted]	[redacted]

This Digital Converter is a major component of the CEC system. CEC is a system of hardware and software that allows the sharing of radar and weapons systems data on air targets among U.S. Navy ships, U.S. Navy aircraft, and USMC Composite Tracking Network (CTN) Units. Sensor data from individual units is transmitted to other units in the group via a real time high quality, anti-jam capable line-of-sight, Data Distribution System (DDS). Each Cooperating Unit (CU) platform uses identical data processing algorithms resident in its Cooperative Engagement Processor (CEP), resulting in each having the same display of air track information. This gives an individual ship the added capability to launch anti-air weapons at threat aircraft or missiles within its engagement envelope based on remote sensor data provided by the CEC sensor network. The CEC system makes it possible for multiple surface ships and aircraft to form an air defense network by sharing radar target measurements in real-time.

CEC's two major system functions consist of a Cooperative Engagement Processor for sensor networking and a Data Distribution System for real-time communications. The system interfaces with the platform sensors and combat systems. CEC's Common Equipment Set (CES) provides for shared hardware components among the different CEC equipped platforms. The basic CEC equipment set consists of an antenna subsystem, a signal data processor, a backup battery, technician control interfaces and a digital converter. The AN/USG-2 CEC system variant is designed for Navy surface ships, the AN/USG-3 CEC system variant is designed for Navy E-2 aircraft, the AN/USG-4 CEC

system variant is designed for the USMC CTN and the AN/USG-4 is designated for the Army JLENS.

CTN is a USMC program that is mounted on a mobile USMC HMMWV that also incorporates a unique elevated CEC antenna. CTN integrates into the USMC Command and Control system to provide composite tracking and fire control data for the USMC, using the common USMC and Navy CEC integrated fire control system. 1.This is a first time procurement; there are no past J&A's.

4. **Identification of Statutory Authority:** This J&A is based upon the authority of 10 USC 2304(c)(1), as implemented by Federal Acquisition Regulation 6.302-1. The supplies required by the agency are only available from one responsible source or a limited number of sources and no other type of supplies will satisfy agency requirements.

5. **Demonstration of Contractor's Unique Qualifications:** The current Acquisition Method/Suffix Code (AMC/AMSC) is: 3B. This AMC advises the Contracting Officer or other Government personnel of the results of a technical review of a part and its suitability for breakout. The number "3" instructs "acquire for the second or subsequent time from the actual manufacturer." The AMSC advises of engineering, manufacturing and technical information. In this instance "B" denotes that "this part must be acquired from a manufacturing source(s) specified on a source control or selected item drawing as defined by the current version of DoD-STD-100." This part is on a source control drawing and Raytheon is the only manufacturing source listed on that drawing.

6. **Government-wide Point of Entry Notice:** The government will synopsize this contract action by posting a synopsis on FedBizOpps.gov as required by FAR Subpart 5.2. This justification and the resulting contract will be posted to FedBizOpps in accordance with FAR 5.3

7. **Determination of Fair and Reasonable Cost:** The Contracting Officer determines that the anticipated cost to the Government will be fair and reasonable. In this instance certified cost and pricing data are required and an analysis of cost information will be performed which will consider field pricing reports, commerciality, procurement history and other available cost and pricing information in determining price reasonableness.

8. **Description of Market Survey:** A technical review, which consisted of searching several Government databases including ITIMP, FLIS and ERP, has been completed on this item. Search criteria included Part Number, Design Control Activity, Cage Code, NSN, Nomenclature, AMC/AMSC, AAC, Criticality Coding, recorded approved sourced of supply, historical sources of supply and past contracts. Based on this market research the contracting officer has determined that the only known manufacturing source is Raytheon Company, cage code 00724. The solicitation was issued prior to the 20 April 2015 DFARS changes that require a Sources Sought notice. A sources sought was not issued.

9. **Other Supporting Facts:** This part must be acquired from a manufacturing source(s) specified on a source control or selected item drawing as defined by the current version of DoD-STD-100. Suitable technical data, Government data rights or manufacturing knowledge are not available to permit acquisition from other sources, nor qualification testing of another part, nor use of a second source part in the intended application.

10. **Listing of Interested Sources:** None received at this time.

11. **Actions to Remove Barriers to Competition:** the Government will include a clause in this solicitation that provides that the Government will consider alternate offers, and that alternate offerors should submit a source approval request (SAR) package that will be referred to the cognizant engineering activity. If, due to mission requirements, the current procurement cannot be delayed in order to allow sufficient time for the engineering activity to determine whether to approve the alternate offer, the SAR package will be considered for future awards.

12. **Certifications:**

Technical Cognizance: I certify that the facts and representations under cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate to the best of my knowledge and belief:

[redacted]

[redacted]

Signature

General Supply Specialist

2 MAR 15

Date

Requirements Cognizance: I certify that the supporting data under my cognizance, which are included in this justification, are accurate and complte to the best of my knowledge and belief:

[redacted]

[redacted]

Signature

Planner/Item Manager

2 MAR 15

Date

Contracting Officer's Certification: I hereby certify that this justification is accurate and complete to the best of my knowledge and belief.

Emily Bear

Emily Bear

Signature

Contracting Officer

3 March 2015

Date

Competition Advocate Review and Approval

Mary E. Couture
Competition Advocate

Signature

Competition Advocate

7/22/15

Date

Approval Requirements:

( ) Up to $650,000	Contracting officer:
(X) $650,000 to $12,500,000	Competition Advocate:
( ) $12,500,000 to $62,500,000	Head of Contracting Activity
( ) over $62,500,000	Senior Procurement Executive