DEPARTMENT OF THE NAVY
NAVAL SURFACE WARFARE CENTER
CRANE DIVISION
300 HIGHWAY 361
CRANE IN 47522-5001

IN REPLY REFER TO:
J&A No. CR-22170.1
24 Mar 2026

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

1. Contracting Activity.

Naval Surface Warfare Center, Crane Division (NSWC Crane).

2. Description of the Action Being Approved.

The purpose of this Amended Justification and Approval (J&A) is to increase the ceiling amount of the Indefinite-Delivery Indefinite-Quantity (IDIQ) Basic award with Crane Electronics by $247,453, from $645,000 to $892,453. There is no change to existing scope of work or Contract Line Item Numbers (CLINs). This J&A is for the procurement of test, teardown, and evaluation (TT&E) and repair of power supplies in support of NSWC Crane Airborne Electronic Attack (AEA) Division Repair Depot and associated Navy Fleet Assets, the AEA Fleet Support Team (FST) Laboratory Assets, and Foreign Military Sales (FMS) Assets. The original J&A was approved by Contracting Officer, Karen Smith on 14 June 2022.

Source of Supplies:
Crane Electronics Inc.
84 Hill Avenue NW
Fort Walton Beach, Florida 32548-3858
Cage Code: 09062

3. Description of Supplies/Services.

The modification will allow the Government to continue to procure the required supplies which consist of TT&E/Repair for the Weapon Replace Assembly 1 (WRA-1) Power Supply, WRA-9 Power Supply, associated Shop Replaceable Assemblies (SRAs) and the Universal Exciter Upgrade (UEU) Power Supply 1 (PS1).

Each of the systems in which these power supplies are installed are designated as Core Systems in accordance with 10 U.S.C. § 2464, which require organic repair capability. NSWC Crane has been established as the organic repair depot for each of these systems. However, this contract is for repairs that only the OEM has expertise to repair, that are above and beyond the capability of the Organic Depot.

Table 01 below shows the funding profile of the original J&A, identifying the estimated costs by appropriation.

Table 01: Original Funding Profile

	FY23-FY28 Total
[redacted]	[redacted]
TOTAL	$645,000

Table 02 below shows the actual obligated values for FY23 – FY25 of the IDIQ by appropriation to include APN which wasn't originally planned.

Table 02: Actual Funding Profile

Appropriation	FY23 – FY25 Actuals
[redacted]	[redacted]
TOTAL	$498,777

Table 03 below shows the estimated funding profile for FY26-FY28. These amounts are derived from the remaining ceiling of $146,223 plus the ceiling increase amount of $247,453.

Table 03: Funding Profile FY26-FY28

Appropriation	FY26 – FY28
[redacted]	[redacted]
TOTAL	$393,676

Table 04 below shows the updated funding profile for all Fiscal Years.

Table 04: Updated Funding Profile

	FY23- FY28 Total
[redacted]	[redacted]
Total	$892,453.00

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

10 U.S.C. 3204(a)(1), Only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority.

Crane Electronics Inc. is the OEM for the WRA-1, WRA-9, and UEU PS1 and maintains a high degree of technical expertise in repairing these items.

WRA-1

The WRA-1 Power Supply was developed under the P-8A System Development and Demonstration (SDD) contract (N00019-04-C-3146), awarded to Boeing in 2004. More specifically, Northrop Grumman (a subcontractor to Boeing under the SDD contract) contracted with Crane Electronics Inc. for the design, development, and manufacture of the WRA-1.

Award of the WRA-1 requirements to another source would result in substantial duplication of costs and unacceptable delays in fulfilling the agency's requirements in accordance with 10 U.S.C. 3204(a)(1). The Government does not own a complete Level III Technical Data Package (TDP) for the WRA-1, as Crane Electronics has proprietary data rights to portions of the TDP and is unwilling to sell it to the Government. Any repairs to the existing WRA-1 would require another source to have both the technical expertise to repair the items and complete Level III TDP.

Absent the ability to provide another source with the Level III TDP for the existing WRA-1, the time period to validate whether another power supply can be used is 4-5 years for WRA-1, based upon a comparison of the timeframes associated with these tasks for similar WRAs. Additionally, the duplication of cost is estimated at $16.84M for WRA-1, based upon technical knowledge associated with the costs of similar WRAs.

WRA-9

The WRA-9 was developed under the EA-18G SDD contract (N00019-04-C-0005), awarded to Boeing in 2004. More specifically, Northrop Grumman (a subcontractor to Boeing under the SDD contract) contracted with Crane Electronics Inc. for the design, development, and manufacture of the WRA-9.

Award of the WRA-9 repair requirements to another source would result in substantial duplication of costs and unacceptable delays in fulfilling the agency's requirements in accordance with 10 U.S.C. 3204(a)(1). The Government does not own a complete Level III TDP for the WRA-9, as Crane Electronics has proprietary data rights to portions of the TDP and is unwilling to sell it to the Government. Any repairs to the existing WRA-9 would require another source to have both the technical expertise to repair the items and the complete Level III TDP.

Absent the ability to provide another source with the Level III TDP for the existing WRA-9, the time period to validate whether another power supply can be used is 4-5 years for WRA-9, based upon a comparison of the timeframes associated with these tasks to similar WRAs.

Additionally, the duplication of cost is estimated at $23.157M for WRA-9, based upon technical knowledge associated with the costs of similar WRAs.

UEU PS1

Crane Electronics Inc. has been manufacturing the UEU PS1 since 1992, when it was a subcontractor to AIL Systems under the UEU Development contract (N00019-92-C-0093). Crane Electronics also provided the UEU PS1 as a subcontractor to AIL Systems under the following UEU Production Contracts: N00019-96-0100, N00019-98-C-0090, N00019-99-C-1331, and N00019-01-C-0006.

Award of the UEU PS1 repair requirements to another source would result in substantial duplication of costs and unacceptable delays in fulfilling the agency's requirements in accordance 10 U.S.C. 3204(a)(1). The Government does not own a complete Level III TDP for the UEU PS1, as Crane Electronics has proprietary data rights to portions of the TDP and is unwilling to sell it to the Government. Any repairs to the existing UEU PS1 would require another source to have both the technical expertise to repair the items and Level III TDP.

Absent the ability to provide another source with the Level III TDP for the existing UEU PS1, the time period to validate whether another power supply can be used is 3 years for the UEU PS1, based upon a comparison of the timeframes associated with these tasks to similar SRAs. Additionally, the duplication of cost is estimated at $3.546M, based upon technical knowledge associated with the costs of similar SRAs.

Based on the facts above, Crane Electronics is the only source capable of fulfilling this requirement. Any other source would require significant and unacceptable additional costs and schedule delays, which would severely and detrimentally impact support of P-8A Poseidon Aircraft and EA-l8G Growler Aircraft system and mission requirements.

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

A synopsis was issued on the Government Point of Entry (GPE) BETA.SAM under N0016422RWS64 on 06 April 2022. There were no responses received to the synopsis.

NSWC Crane issued an amended synopsis for the ceiling increase modification on the GPE SAM.gov under N0016422RWS64 on 25 February 2026, which closed on 12 March 2026. No responses were received to the amended synopsis. No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5 above, for any company other than Crane Electronics to provide the required supplies and services.

7. Determination of Fair and Reasonable Cost.

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

8. Actions to Remove Barriers to Future Competition.

For the reasons set forth in Paragraph 5, NSWC Crane 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, NSWC Crane will assess whether competition for future requirements is feasible.

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS CERTIFICATION

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein are complete and accurate to the best of my knowledge and belief.

Technical Cognizance:

[redacted]

Requirements Cognizance:

[redacted]

LEGAL SUFFICIENCY REVIEW

[redacted]

APPROVAL BLOCK

Upon the basis of the above justification, I hereby approve, as Contracting Officer, the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 3204(a)(1).

COOL.JODEE.LYNN.[redacted] Digitally signed by COOL.JODEE.LYNN.[redacted]
Date: 2026.03.31 05:26:46 -04'00'

Jodee Cool, Contracting Officer (0233) (812) 381-7229 Date