DEPARTMENT OF THE NAVY
PROGRAM EXECUTIVE OFFICE
INTEGRATED WARFARE SYSTEMS
1333 ISAAC HULL AVE SE
WASHINGTON NAVY YARD, DC 20376-7003

IN REPLY REFER TO:

CJ&A Number: 53,443
Code: SEA 0253

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

1. Contracting Activity

Naval Sea Systems Command (NAVSEA), Surface Systems Contracts Division (SEA 025).

2. Description of the Action Being Approved

Award of a series of modifications under contract N00024-21-C-5322 on a sole source basis for the procurement of Electro-Optical Sensor System (EOSS), MARK (MK) 20 MOD 1 and related equipment, engineering support, spares and provisioned item orders to L3Harris of Northampton, Massachusetts. Authority to act under this Class Justification & Approval (CJ&A) expires on September 30, 2028.

3. Description of Supplies/Services

The EOSS MK 20 MOD 1 is an integral element of the MK 34 Gun Weapon System (GWS) [redacted] The EOSS MK 20 MOD 1 consists of an above deck, self-stabilized pedestal (elevation over azimuth orientation) mounting, an electro-optical sensor suite, and below deck equipment enclosures hosting associated equipment. The electro-optical sensor suite consists of a Daylight Imaging Sensor, Thermal Imaging Sensor, and Laser Range Finder. The below deck Power Supply Unit and an Interface Electronics Unit will host the components necessary to support the EOSS MK 20 MOD 1 primary interface to the ship.

The actions under the authority of this CJ&A will procure up to [redacted] systems, engineering support, and related equipment spanning from FY 2026 through FY 2028. The estimated value for these actions is [redacted] as shown below.

Estimated Dollar Value for EOSS MK 20 MOD 1

Type Funds	FY 2026 – FY 2028 Total ($M)
Other Procurement, Navy (OPN)	[redacted]
Shipbuilding and Conversion, Navy (SCN)	
Foreign Military Sales (FMS)	

Total	[redacted]

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. 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

Pursuant to FAR 6.302-1(a)(2)(ii)(B), L3Harris is the only responsible source capable of satisfying requirements for the EOSS MK 20 MOD 1 production without unacceptable delays in fulfilling the agency's requirements. The original contract was awarded to L3Harris on a sole source basis under the authority of J&A 53,322 approved on April 23, 2020 by the Assistant Secretary of the Navy (Research, Development, and Acquisition). L3Harris is the only responsible source that possesses the capabilities to build and deliver the EOSS MK 20 to meet future [redacted] shipbuilding program requirements within the required schedule. A subsequent CJ&A 53,377 was approved on September 21, 2022 to procure, on a sole source basis, the MK 20 EOSS FY 2023 – FY 2025 requirements. L3Harris is the Original Equipment Manufacturer of the EOSS MK 20 MOD 1 system and the only responsible source to fulfill the [redacted] requirements.

The Government does not possess a Level 3 Technical Data Package (TDP) with sufficient data rights that would enable a build-to-print competition. In 2020, NAVSEA solicited for a EOSS MK 20 MOD 1 Level 3 Technical Data Package (TDP) with Government Purpose Rights. [redacted] proposed to sell the TDP contingent on the procurement of [redacted] systems. The Government was unable to procure [redacted] systems and [redacted] was unwilling to remove the condition [redacted] Without this condition removed, the Government was unable to procure the TDP. The Government estimates it would require 79 months for any other source to manufacture and qualify the first Optical Sensor System (OSS) from any other source.

Task	**Estimated Time**
Reverse Engineer, Physical Configuration Audit, Design Reviews	[redacted]
Establish a contract	
First Article build and test	
Lead to Procure units after First Article	
Total	**79 Months**

Based on the timeline above, pursuit of an alternate vendor for the EOSS MK 20 MOD 1 would result in unacceptable delays and miss the in-yard need date for DDG-51, [redacted]

[redacted]
months thereafter to support in-yard need dates.

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

Pursuant to DFARS PGI 206.302-1, NAVSEA waived the requirement to post a request for information or a sources sought notice because it is not practicable for any other source to produce the required supplies without the TDP to meet the Government's minimum needs. A synopsis was posted on 23 June 2025 and closed on 8 July 2025, with no responses received. No additional market research is anticipated because it is not practical, for reasons described in Paragraph 5, for any company other than L3Harris to provide the required supplies.

7. Determination of Fair and Reasonable Costs

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

8. Actions to Remove Barriers to Future Competition

As this is a follow-on for supplies and services previously awarded on a non-competitive basis, in accordance with DFARS PGI 206.304(a)(S-70)(i), the prior J&A was provided to the approval authority for review. Approval of this CJ&A signifies the approval authority has made the determination required by DFARS PGI 206.304(a)(S-70)(ii). NAVSEA anticipates competing future sensor system requirements by soliciting for a new design and obtaining a level III TDP with Government Purpose Rights to enable future competition.

CJ&A Number: 53,443

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS COGNIZANCE:

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.

[redacted]

Signature Name (Printed) Phone No. Date

LEGAL SUFFICIENCY REVIEW

I have determined this Justification is legally sufficient.

[redacted]

Signature Name (Printed) Phone No. Date

CONTRACTING OFFICER CERTIFICATION

I certify that this Justification is accurate and complete to the best of my knowledge and belief.

[redacted]

Signature Name (Printed) Phone No. Date

DIRECTOR, SURFACE SYSTEMS CONTRACTS DIVISION APPROVAL

Upon the basis of the above justification, I hereby approve, Surface Systems Contracts Division Director, 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).

Digitally signed by [redacted]
Date: 2025.12.29 10:21:52 -05'00' 12/29/25

Maria Bauer Date